

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name BAKER CREEK	Waterbody ID Code 753000	Sample ID (YYYYMMDD-CY-FD) 20161028-65-03
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Sampling Location US of Cobb Rd. COBB RD	Database Key 137229810
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SWIMS Station ID 10046812	SWIMS Station Name BAKER CREEK @ COBB RD.
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Latitude 42.7030953	Longitude -88.5301303	Lat/Long Determination Method (circle) <u>SWIMS</u> SWDV GPS	Datum Used if using GPS WGS84 or <u>NAD83</u>
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Basin (WMU) FOX (IL)	Watershed Name SUGAR AND HONEY CREEKS	County WALWORTH
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Sample and Site Descriptors

Sample Collector (Last Name, First) RACHEL SABRE	Project Name 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

gravelly run under det bank average veg. wood debris

Total Sampling Time (min) 2min	Estimated Area Sampled (m²) 2m ²	Number of Samples in Composite 1	Replicate No. <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

Water Temp. (C) 10.54	D.O. (mg/l) 10.04	D.O. (% sat.) 93.0	pH (su) 7.81	Conductivity (umhos/cm) 775.3	Transparency (cm)
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <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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Measured Velocity — circle units m/s or f/s	Average Stream Depth of reach (m) 0.2m	Average Stream Width of reach (m) 0.9
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): 20
 Sand: 20 Clay: _____ Silt/Muck: 10 Overhanging Vegetation: 20
 Aquatic Macrophytes: _____ Leaf Snags: 20 Coarse Woody Debris: 10 Other (_____): _____
 Embeddedness of Substrate at Sample Site (%) 20 Canopy Cover at Sample Site (%) 0

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
Biological				Chemical			
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:				Sources of Stream Impacts			
				Bank Erosion			
				Point Source - Specify:			
				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 Andrew Kollmann	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 53%
Date Processed 12/5/16	Specimens Saved Subsample archived in ABC until Feb 2020	

C1-1201 A1-59 A2-120
 D2-30 A3-87 B1-157
 D1-41 E3-111