

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED	Waterbody ID Code 752500	Sample ID (YYYYMMDD-CY-FD) 20161028-65-08
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Sampling Location US of CHT 120	Database Key 136774829
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SWIMS Station ID 653208	SWIMS Station Name SPRING CREEK NORTH BRANCH AT CTH G 2M (BI)
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Latitude 42.7093535	Longitude -88.4048029	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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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 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

*overhanging veg.
 submerge/emerge veg.
 underbanks*

Total Sampling Time (min) 3min	Estimated Area Sampled (m²) 1m ²	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

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

Water Temp. (C) 9.89	D.O. (mg/l) 9.69	D.O. (% sat.) 88.4	pH (su) 7.91	Conductivity (umhos/cm) 838.5	Transparency (cm) +120
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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 checked="" 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) .1m	Average Stream Width of reach (m) 2.9
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): _____

Sand: 10 Clay: _____ Silt/Muck: 20 Overhanging Vegetation: 20

Aquatic Macrophytes: 30 Leaf Snags: 10 Coarse Woody Debris: 10 Other (____): _____

Embeddedness of Substrate at Sample Site (%) _____ 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		
Physical			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 <i>Andrew Kuhlmann</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>47%</i>
Date Processed <i>12/13/17</i>	Specimens Saved <i>Subsample archived in ABL until Mar 2020</i>	

7 = 126 bags