

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED	Waterbody ID Code 754600	Sample ID (YYYYMMDD-CY-FD) 20161103-65-06
----------------------------------	------------------------------------	-----------------------------------------------------

Sampling Location 15 m US CTH A Colvert	Database Key 135921618
---------------------------------------------------	----------------------------------

SWIMS Station ID 10044745	SWIMS Station Name UNNAMED TRIB TO HONEY CREEK @ CTH A (EAST TRIB)
-------------------------------------	------------------------------------------------------------------------------

Latitude 42.76285	Longitude -89.48621	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
-----------------------------	-------------------------------	------------------------------------------------------------------------	---------------------------------------------------------

Basin (WMU) FOX (IL)	Watershed Name SUGAR AND HONEY CREEKS	County WALWORTH
--------------------------------	-------------------------------------------------	---------------------------

Sample and Site Descriptors

Sample Collector (Last Name, First) DYLAN OLSON	Project Name 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

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

Reason For Sampling

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

Water Temp. (C) 13.0	D.O. (mg/l) 7.9	D.O. (% sat.) 87.7	pH (su) 7.8	Conductivity (umhos/cm) 1100	Transparency (cm) 170
--------------------------------	---------------------------	------------------------------	-----------------------	----------------------------------------	---------------------------------

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)
----------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Measured Velocity — circle units — m/s or f/s	Average Stream Depth of reach (m) .15m	Average Stream Width of reach (m) 2m
------------------------------------------------------------	--------------------------------------------------	------------------------------------------------

Composition of Substrate Sampled (Percent):

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

Sand: 30 Clay: _____ Silt/Muck: 40 Overhanging Vegetation: _____

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

Embeddedness of Substrate at Sample Site (%) _____ **Canopy Cover at Sample Site (%)** 100

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 Cadle Olson	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 27%
Date Processed 12/7/16	Specimens Saved Subsample archived in ABL until Feb 2020	

C2: 35 C1: 40
 E2: 31 D1: 25 =131