

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED		Waterbody ID Code 768900	Sample ID (YYYYMMDD-CY-FD) 20211008-65-01
Sampling Location DS of Bluff Rd		Database Key 290019667	
SWIMS Station ID 10037404		SWIMS Station Name UNNAMED TRIBUTARY (WBIC=768900) DS OF BLUFF ROAD W OF KETTLE COVE R	
Latitude 42.836445	Longitude -88.49236	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) FOX (IL)		Watershed Name MUKWONAGO RIVER	County WALWORTH

Sample and Site Descriptors

Sample Collector (Last Name, First) RACHEL A SABRE, AMANDA SCHMITZ	Project Name MUKWONAGO RIVER TWA-01_2021
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Sampling Device

D-Frame 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) 2 min	Estimated Area Sampled (m²) 1/2 m 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: _____

Water Temp. (C) 7.3	D.O. (mg/l) —	D.O. (% sat.) —	pH (su) 7.60	Conductivity (umhos/cm) 778.0	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) 2m	Average Stream Width of reach (m) 3m
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): 70%
 Sand: _____ Clay: _____ Silt/Muck: 10% Overhanging Vegetation: 10%
 Aquatic Macrophytes: _____ Leaf Snags: 10% Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 20%
 Canopy Cover at Sample Site (%) 20%

Chinese myriophyllum spines.

20211105-65-01
 Station #10037404
 1 of 1, Unnamed @DS of Bluff Road
 WBIC #768900
 Rachel Sabre
 Mukwonago TWA_01_2021

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			
Physical				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 <i>Katherine McClure</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>6.3%</i>
Date Processed <i>7/14/2022</i>	Specimens Saved <i>Subsample archived in ABZ until Sept 2025</i>	

D292: 24 B393: 62
 D293: 21 B394: 59
 D294: B392:
 D291: B391:

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