

20171025-20-06

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED	Waterbody ID Code 3000189	Sample ID (YYYYMMDD-CY-FD) 201710-20-06
Sampling Location		Database Key 149424496

SWIMS Station ID 10047728	SWIMS Station Name UNNAMED TRIB TO PIPE CREEK US COUNTY W (WBIC 3000189)		
Latitude 43.9141249	Longitude -88.324314	Lat/Long Determination Method (circle) SWIMS SWDV GPS	
Basin (WMU) UPPER FOX		Watershed Name LAKE WINNEBAGO - EAST	Datum Used if using GPS WGS84 or NAD83
County FOND DU LAC			

Sample and Site Descriptors

Sample Collector (Last Name, First) DAVID BOLHA	Project Name PIPE CREEK TWA 2017
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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	Estimated Area Sampled (m²) 1.5	Number of Samples in Composite 1	Replicate No. _____ of _____
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: Targeted Watershed Assessment

Water Temp. (°C) 49.10°F	D.O. (mg/l) 8.8	D.O. (%sat.) 77.4	pH (su) 7.8	Conductivity (umhos/cm) 996.0	Transparency (cm) 42
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Water Color 4	<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <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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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) .2	Average Stream Width of reach (m) 1.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 60 Gravel (ladybug to tennisball): 30
 Sand: _____ Clay: 10 Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 20 **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		PL	PL	Chlorine		N	N
- Filamentous Algae		PL	PH	Dissolved Oxygen		PL	PL
- Planktonic Algae		N	N	Nutrients (P, N...)		PH	PH
Iron Bacteria		N	N	Toxics: - Inorganic (Metals)		N	N
Macrophytes		N	N	- Organic (PCBs, pesticides...)		N	N
Slimes		N	N	Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		PH	PH
				Point Source - Specify:		N	N
Physical				Pasturing of Livestock		PL	PL
Bank Erosion		PH	PH	Runoff: - Barnyard		PL	PH
Channelization: - Upstream		PH	PH	- Construction		N	N
- Downstream		PH	PH	- Cropland		PL	PL
Hydraulic Scour / Channel Incision		PL	PL	- Urban		N	N
Impoundment: - Upstream		N	N	Septic Systems		N	N
- Downstream		N	N	Tile Drainage - Organic Soils		N	N
Low Flow		PH	PH	- Mineral Soils		PL	PH
Sedimentation		PH	PH	Springs		N	N
Sludge		N	N	Tributary(s)		PH	PH
Thermal		PL	PH	Wetland		N	N
Turbidity		PH	PH	Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Justin Kowalski	Taxonomist Dimick, Jeffray	Estimated Percent of Sample Sorted 27%
Date Processed 3/19	Specimens Saved Subsample archived in DRL w/ 1 Jun 2021	

Ba D3 E1 E2 D1
 63 32 24 48

