

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED	Waterbody ID Code 5026041	Sample ID (YYYYMMDD-CY-FD) 20171025-20-07
Sampling Location		Database Key 149424504

SWIMS Station ID 10047731	SWIMS Station Name UNNAMED TRIB TO PIPE CREEK US HWY 151 (WBIC 5026041)
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Latitude 43.9092358	Longitude -88.3164151	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) UPPER FOX	Watershed Name LAKE WINNEBAGO - EAST	County FOND DU LAC
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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. (°F) 50.2°F	D.O. (mg/l) 8.8	D.O. (%sat.) 78.5	pH (su) 8.0	Conductivity (umhos/cm) 1060	Transparency (cm) 95
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Water Color	Estimated Stream Velocity (m/s)
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<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)

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.15	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): 70 Gravel (ladybug to tennisball): 20
 Sand: 5 Clay: 5 Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 10 **Canopy Cover at Sample Site (%)** 10

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		N	N	Dissolved Oxygen		PH	PH
- Planktonic Algae		PL	PL	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		N	N
Bank Erosion		PH	PH	Runoff: - Barnyard		N	N
Channelization: - Upstream		PH	PH	- Construction		N	N
- Downstream		PH	PH	- Cropland		PH	PH
Hydraulic Scour / Channel Incision		PH	PH	- 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)		PL	PL
Thermal		PH	PH	Wetland		N	N
Turbidity		PH	PH	Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter	Kayla Wilcox	Taxonomist Dimick, Jeffrey
Date Processed	3/22/18	Estimated Percent of Sample Sorted 33/6
		Specimens Saved Subsample archived in ABL until Jun 2021

E1=36
 A2=21
 C3=31
 D1=20
 D3=22
 =130

