

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name PIPE CREEK		Waterbody ID Code 132800	Sample ID (YYYYMMDD-CY-FD) 20171025-20-05
Sampling Location			Database Key 149424480
SWIMS Station ID 10042194		SWIMS Station Name PIPE CREEK 40 METERS UPSTREAM OF CONFLUENCE WITH UNNAMED CR WBIC	
Latitude 43.9166816	Longitude -88.2966036	Lat/Long Determination Method (circle) <u>SWIMS</u> SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) UPPER FOX		Watershed Name LAKE WINNEBAGO - EAST	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) 3	Estimated Area Sampled (m²) 2.0	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) 47.9°F	D.O. (mg/l) 8.2	D.O. (%sat.) 71.5	pH (su) 7.7	Conductivity (umhos/cm) 942.4	Transparency (cm) 20
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Water Color <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) 0.15	Average Stream Width of reach (m) 4.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 50
 Sand: 10 Clay: 20 Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 20 **Canopy Cover at Sample Site (%)** 50

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	Watershed	Factors that may be influencing Water Resource Integrity		Local	Watershed
Biological				Chemical			
Algae: - Diatoms / Periphyton		PL	PL	Chlorine		N	N
- Filamentous Algae		PL	PL	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		N	PL
Bank Erosion		PH	PH	Runoff: - Barnyard		N	PL
Channelization: - Upstream		PH	PH	- Construction		N	N
- Downstream		PH	PH	- Cropland		PL	PH
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		PL	PH	- Mineral Soils		PH	PH
Sedimentation		PH	PH	Springs		N	N
Sludge		N	N	Tributary(s)		PL	PL
Thermal		PL	PL	Wetland		N	N
Turbidity		PH	PH	Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Ernest Zagliardi</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted 7%
Date Processed 3/19/18	Specimens Saved Subsample archived in ASL until Jun 2021	

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