

Instructions: **Bold** fields must be completed.

Station Summary

Waterbody Name UNNAMED	Waterbody ID Code 5018179	Sample ID (YYYYMMDD-CY-FD) 20211005-69-04
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Sampling Location	Database Key 286575533
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SWIMS Station ID 10048064	SWIMS Station Name UNNAMED TRIB (WBIC 5018179) TO LITTLE WOLF RIVER US COUNTY O
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Latitude 44.4875934	Longitude -88.8792041	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) WOLF RIVER	Watershed Name LOWER LITTLE WOLF RIVER	County WAUPACA
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Sample and Site Descriptors

Sample Collector (Last Name, First) DAVID BOLHA	Project Name BEAR LAKE TWA 319
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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) 1	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: Bear Lake TWA

Water Temp. (C) 12.9	D.O. (mg/l) 7.33	D.O. (% sat.) 69.6	pH (su) 7.70	Conductivity (umhos/cm) 455.5	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 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) .1	Average Stream Width of reach (m) 1
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 100 Gravel (ladybug to tennisball): _____
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 0
Canopy Cover at Sample Site (%) 0

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Katherine McClure	Taxonomist Derrick Jeffrey	Estimated Percent of Sample Sorted 7.8%
Date Processed 05/25/2022	Specimens Saved Subsample archived in ABL until Jul 2025	

C292:32 A393:31
 C294:24 A392:10
 C291:49 A394:
 C293: A391:

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