

Sample in 2 Jars

Wadeable Macroinvertebrate
Field Data Report

Form 3200-081 (R 8/14)

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Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED	Waterbody ID Code 257800	Sample ID (YYYYMMDD-CY-FD) 20171018-69-01
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Sampling Location	Database Key 148498320
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SWIMS Station ID 10044256	SWIMS Station Name UNNAMED TRIB (WBIC=257800) TO WAUPACA RIVER AT AIRPORT RD
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Latitude 44.3239001	Longitude -89.0194724	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 WAUPACA RIVER	County WAUPACA
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Sample and Site Descriptors

Sample Collector (Last Name, First) DAVID BOLHA	Project Name WAUPACA/TOMORROW 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) 2.0	Estimated Area Sampled (m ²) 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) 6.8	D.O. (%sat.) 60.3	pH (su) 7.3	Conductivity (umhos/cm) 471.9	Transparency (cm) 60
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Water Color ☐ Clear ☐ Turbid ☒ Stained	Estimated Stream Velocity (m/s) ☐ Slow (< 0.15 m/s) ☒ Moderate (0.15 m/s - 0.5 m/s) ☐ Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.7	Average Stream Width of reach (m) 2.5
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): _____
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Sand: 30	Clay: _____	Silt/Muck: 10	Overhanging Vegetation: 10
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Aquatic Macrophytes: _____	Leaf Snags: 20	Coarse Woody Debris: 30	Other (): _____
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Embeddedness of Substrate at Sample Site (%)	Canopy Cover at Sample Site (%) 100
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2 Jars

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	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	PL	PL
			Point Source - Specify:	N	N
Physical			Pasturing of Livestock	PH	PH
Bank Erosion	PL	PL	Runoff: - Barnyard	PH	PL
Channelization: - Upstream	PH	PH	- Construction	N	N
- Downstream	PL	PH	- Cropland	N	PH
Hydraulic Scour / Channel Incision	N	N	- Urban	N	N
Impoundment: - Upstream	N	N	Septic Systems	N	N
- Downstream	N	N	Tile Drainage - Organic Soils	N	PH
Low Flow	PH	PH	- Mineral Soils	N	PH
Sedimentation	PH	PH	Springs	N	N
Sludge	N	N	Tributary(s)	PH	PH
Thermal	PL	PL	Wetland	PL	PL
Turbidity	PH	PH	Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

Sample in 2 jars

For Lab Use Only

Sample Sorter	Kayla Wilcox	Taxonomist	Dimick, Jeffrey	Estimated Percent of Sample Sorted	13%
Date Processed	12/5/17	Specimens Saved	Subsample archived in ABL until Jan 2021		

D2=55

B1=85

140

[illegible]