

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED	Waterbody ID Code 5021414	Sample ID (YYYYMMDD-CY-FD) 20171019-69-02
Sampling Location		Database Key 148498328

SWIMS Station ID 10047759	SWIMS Station Name UNNAMED TRIB TO WAUPACA RIVER AT GALILEE RD (WBIC 5021414)		
Latitude 44.3117995	Longitude -88.9928299	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) WOLF RIVER		Watershed Name WAUPACA RIVER	County WAUPACA

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) 2.5	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) 51.1°F	D.O. (mg/l) 8.0	D.O. (%sat.) 71.4	pH (su) 7.2	Conductivity (umhos/cm) 481.5	Transparency (cm) 73
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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) 0.2	Average Stream Width of reach (m) 2.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): 20
Sand: 70	Clay: _____	Silt/Muck: 10	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (____): _____

Embeddedness of Substrate at Sample Site (%) 60	Canopy Cover at Sample Site (%) 0
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DI = 35
E2 = 40
B3 = 52
(127 =)

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Kayla Wilcox</i>	Taxonomist <i>Dimick, Jeffery</i>	Estimated Percent of Sample Sorted <i>20%</i>
Date Processed <i>10/7/17</i>	Specimens Saved <i>Subsample archived in ABC until Jan 2021</i>	

[illegible]