

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name NORTH FORK THUNDER RIVER		Waterbody ID Code 535600	Sample ID (YYYYMMDD-CY-FD) 20201010-38-01
Sampling Location			Database Key 258671912
SWIMS Station ID 10030422		SWIMS Station Name N FORK THUNDER RIVER US OF THUNDER MOUNTIAN RD	
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) GREEN BAY		Watershed Name MIDDLE PESHTIGO AND THUNDER RIVERS	County MARINETTE

Sample and Site Descriptors

Sample Collector (Last Name, First) ANDREW HUDAK	Project Name NER LONG-TERM TREND WADEABLE REFERENCE STREAM
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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) 5	Estimated Area Sampled (m²) 10	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

☐ Least Impacted Reference	☐ Baseline	☐ Impact / Treatment Site
☐ Control Site	☒ Trend	☐ Other: _____

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm) 7122
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Water Color	Estimated Stream Velocity (m/s)
☒ Clear ☐ Turbid ☐ Stained	☐ Slow (< 0.15 m/s) ☐ Moderate (0.15 m/s - 0.5 m/s) ☒ Fast (> 0.5 m/s)

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 6.5	Average Stream Width of reach (m) 8
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Composition of Substrate Sampled (Percent):

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

Embeddedness of Substrate at Sample Site (%) 20	Canopy Cover at Sample Site (%) 60
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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...)	N	N
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	N	N
			Point Source - Specify:	N	N
			Pasturing of Livestock	N	N
Physical			Runoff: - Barnyard	N	N
Bank Erosion	N	N	- Construction	N	N
Channelization: - Upstream	N	N	- Cropland	N	N
- Downstream	N	N	- Urban	N	N
Hydraulic Scour / Channel Incision	N	N	Septic Systems	N	N
Impoundment: - Upstream	N	N	Tile Drainage - Organic Soils	N	N
- Downstream	N	N	- Mineral Soils	N	N
Low Flow	N	N	Springs	U	U
Sedimentation	N	N	Tributary(s)	U	U
Sludge	N	N	Wetland	U	U
Thermal	N	N	Other - Specify:		
Turbidity	N	N			
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Raatz, Trevor	Taxonomist	Dimick, Jeffery	Estimated Percent of Sample Sorted	4.7%
Date Processed	12/28/2021	Specimens Saved	Subsample archived in ABC until Feb 2025		

A2Q4: 50
D1Q1: 55:105
A2Q3: 6:166
D1Q2:

A2Q1:
D1Q3:
A2Q2:
D1Q4:

166

1:40 - 3:20

1:40 = 1.4

[illegible]