

**Wadeable Macroinvertebrate
Field Data Report**

Form 3200-081 (R 8/14)

Page 1 of 2

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name COPPER CREEK	Waterbody ID Code 1278400	Sample ID (YYYYMMDD-CY-FD) 20161012-57-01
Sampling Location		Database Key 135786262

SWIMS Station ID 10028780	SWIMS Station Name COPPER CREEK UPSTREAM OF BRIDGE AT EAST REEDSBURG ROAD		
Latitude 43.54042	Longitude -89.959946	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER WISCONSIN		Watershed Name NARROWS CREEK AND BARABOO RIVER	County SAUK

Sample and Site Descriptors

Sample Collector (Last Name, First) JEAN UNMUTH	Project Name SOUTH DISTRICT NC STREAM STRATIFIED SITES 2016
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Sampling Device

☒ 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) 3.0	Estimated Area Sampled (m²) 3.0	Number of Samples in Composite	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C) 10.1	D.O. (mg/l) 11.0	D.O. (% sat.) 98	pH (su) 7.8	Conductivity (umhos/cm) 393	Transparency (cm) 105
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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) 7.0 0.3	Average Stream Width of reach (m) 1.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 10	Gravel (ladybug to tennisball): _____
Sand: 10	Clay: 10	Silt/Muck: _____	Overhanging Vegetation: 10
Aquatic Macrophytes: 10	Leaf Snags: 25	Coarse Woody Debris: 25	Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 50	Canopy Cover at Sample Site (%) 80
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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		Chlorine	N	
- Filamentous Algae	N		Dissolved Oxygen	N	
- Planktonic Algae	N		Nutrients (P, N...)	N	PH
Iron Bacteria	N		Toxics: - Inorganic (Metals)	N	
Macrophytes	N		- Organic (PCBs, pesticides...)	N	
Slimes	N		Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	N	PH
			Point Source - Specify:	N	
			Pasturing of Livestock	N	
Channelization: - Upstream		PH	Runoff: - Barnyard	N	PH
- Downstream	PH	PH	- Construction	N	
Hydraulic Scour / Channel Incision	N		- Cropland	N	
Impoundment: - Upstream			- Urban	N	
- Downstream	PH	PH	Septic Systems	N	
Low Flow	N		Tile Drainage - Organic Soils		
Sedimentation	PH	PH	- Mineral Soils		
Sludge	N		Springs	N	
Thermal	N		Tributary(s)	N	
Turbidity	N		Wetland	N	
Other - Specify:			Other - Specify:		

Comments

Sample poorly preserved JJI

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Taylor Hartz	Taxonomist Dimick Jeffery	Estimated Percent of Sample Sorted 33%
Date Processed 4-19-17	Specimens Saved Subsample archived in ABL until Oct 2020	

A3 17
B1 31
D2 38
C2 36
D1 23

[illegible]