

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

Instructions: Bold fields must be completed.

Station Summary		Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD)
Waterbody Name UNNAMED		887600	20171013-13-05
Sampling Location 5 m downstream of Viney Rd NC-264		Database Key 150694071	
SWIMS Station ID 10048500		SWIMS Station Name UNNAMED TRIB (887600) TO SUGAR RIVER AT VINEY RD	
Latitude 42.88921	Longitude 89.54132	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) SUGAR - PECATONICA		Watershed Name UPPER SUGAR RIVER	County DANE

Sample and Site Descriptors	Project Name
Sample Collector (Last Name, First) AMRHEIN, JAMES	SOUTH DISTRICT NC STREAM STRATIFIED SITES 2017

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) 1	Estimated Area Sampled (m ²) 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: _____

Water Temp. (C) 14.7	D.O. (mg/l) 6.10	D.O. (% sat.) 60.1	pH (su) 7.42	Conductivity (umhos/cm) 508	Transparency (cm)
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Water Color <input 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 type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" 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)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 80 Gravel (ladybug to tennisball): 10
 Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____
 Embeddedness of Substrate at Sample Site (%) 40 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				Chlorine			
- Filamentous Algae				Dissolved Oxygen			
- Planktonic Algae				Nutrients (P, N...)			
Iron Bacteria				Toxics: - Inorganic (Metals)			
Macrophytes				- Organic (PCBs, pesticides...)			
Slimes				Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion			
				Point Source - Specify:			
				Pasturing of Livestock			
				Runoff: - Barnyard			
				- Construction			
				- Cropland			
				- Urban			
				Septic Systems			
				Tile Drainage - Organic Soils			
				- Mineral Soils			
				Springs			
				Tributary(s)			
				Wetland			
				Other - Specify:			
Physical							
Bank Erosion							
Channelization: - Upstream							
- Downstream							
Hydraulic Scour / Channel Incision							
Impoundment: - Upstream							
- Downstream							
Low Flow							
Sedimentation							
Sludge							
Thermal							
Turbidity							
Other - Specify:							

Comments _____

Special Instructions for Laboratory _____

For Lab Use Only		
Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Kyle W. J. [Signature]	Dimick, Jeffrey	13%
Date Processed	Specimens Saved	
7/30/18	Subsample archived in AAC until Nov 2021	

100
 = 12 = 163

Wisconsin Department of Natural Resources
 ABL Sample Num: 20171013-13-05
 Taxonomist: Dimick, Jeffrey

Waterbody: Unnamed Tributary to Sugar River
 SWIMS Database Key: 150694071

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Onchoservus fastiditus	L	-1	6	Hils Schm 1992		
Bezzia/Polynomyia	L	"	2	Hils 1995		
Simulium vittatum species complex 08110217	L	0	20	Adl et al 2004		
S. pilosum	L	-11	7	"		
Gammarus pseudolimnaeus	A	xiii	13	Hols 1972		
Gammarus intermedia	A	BBx	90	Will 1972		
Ducesiidae	A	BBIII	74	Thorp Reg 2016		
Eubopygidae	A	"	2	Shost Srid 2008		
Tubificora (without hairs)	A	x	10	Klemm 1985		
Split A3 Chironomidae	L	111-116				
Limnephylax	L	1	1	Ander+3 2013		
Cricotopus (Cricotopus) bicinctus group	L	1	1	"		
Cladotanytarsus	L	-1	6	Epl et al 2013		
Micransectia	L	"	2	"		
Polyneclium (Polyneclium) illinoense group	L	III	4	Bolton 2012		
P. (Unspeclium) flavum	L	"	2	"		
Rhectanytarsus	L	III	4	Epl et al 2013		

23 taxa, TUALS2.0