

Unn.(Whitewater) Creek @ Clover Valley Rd

Station # 653115

Sample 1 of 1

20181023-65-02

Rachel Sabre

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

Page 1 of 2

State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 53707
dnr.wi.gov

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED	Waterbody ID Code 816200	Sample ID (YYYYMMDD-CY-FD) 20181023-65-02
Sampling Location		Database Key 169406804

SWIMS Station ID 653115	SWIMS Station Name UNNAMED (WHITEWATER) CREEK AT CLOVER VALLEY RD		
Latitude 42.784115	Longitude -88.71448	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER ROCK	Watershed Name WHITEWATER CREEK	County WALWORTH	

Sample and Site Descriptors

Sample Collector (Last Name, First) RACHEL SABRE	Project Name SOUTH DISTRICT NC STREAM STRATIFIED SITES 2018
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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 leaf debris
 Littoral Zone
 Shoreline Composite
 Proportionally-Sampled Habitat
 Profundal Zone
 Wetland

Total Sampling Time (min) 1 min	Estimated Area Sampled (m²) 1 m ²	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) 7.63	D.O. (mg/l) 73.76	D.O. (% sat.) 8.61	pH (su) 7.05	Conductivity (umhos/cm) 799.9	Transparency (cm) 98
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Water Color <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input 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) .2m	Average Stream Width of reach (m) 4m
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): _____
 Sand: _____ Clay: 20 Silt/Muck: 20 Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: 30 Coarse Woody Debris: 30 Other (): _____

Embeddedness of Substrate at Sample Site (%) 80% **Canopy Cover at Sample Site (%)** 40%

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	Watershed	Factors that may be influencing Water Resource Integrity	Local	Watershed
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:		
Physical			Pasturing of Livestock		
Bank Erosion			Runoff: - Barnyard		
Channelization: - Upstream			- Construction		
- Downstream			- Cropland		
Hydraulic Scour / Channel Incision			- Urban		
Impoundment: - Upstream			Septic Systems		
- Downstream			Tile Drainage - Organic Soils		
Low Flow			- Mineral Soils		
Sedimentation			Springs		
Sludge			Tributary(s)		
Thermal			Wetland		
Turbidity			Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Coash, Natalie</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>60%</i>
Date Processed <i>9/11/19</i>	Specimens Saved <i>Subsample archived in ABL until Nov 2022</i>	

D3 -21 *D1* *E3 -22*
E1 *C3* } *23* *D2 -10* Total: *141*
A3 } *44* *B2* *B3 -21*

Wisconsin Department of Natural Resources

ABL SampleNum: 20181023-65-02

Taxonomist: Dimick, Jeffrey

Waterbody: Unnamed Creek (Whitewater)

SWIMS Database Key: 169406804

Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Chaumatopsyche</i>	L	1	6	Hils 1995		
<i>Hydropsyche</i>	L	1	1	"	imm	N
<i>H. belleni</i>	L	xvii	18	Schmitt 1986		
<i>Hydropsyche</i>	L	1	1	Hils 1995		
<i>Dicrotopha quadrinotata</i>	A	1	1	Wittschum 1992		
<i>D. vittata</i>	A	1	1	"		
<i>Nemoura</i>	L	1	9	Count 2008		
<i>Simulium vittatum</i> species complex 08110217	L	0-4	27	Adl et al 2004		
<i>Odonomyza</i>	L	1	1	Hils 1995		
<i>Gammarus pseudolimnoides</i>	A	0-1	24	Hils 1972		
<i>Caecidotea</i>	A	1	1	Will 1972	dam	
<i>Sergania alternata</i>	A	1	1	Hils 1984a		
<i>Tubificidae</i>	A	1	1	Klemm 1985	post frag.	
<i>Fossaria</i>	A	1	2	Brown 1991		
<i>Physa</i>	A	1	3	Thorp 2016		
<i>Cyrculus deflexus</i>	A	1	2	Burch 1982		
<hr/>						
<i>Spittia</i> Chironomidae	L	1	1			
<i>Ablabesmyia (Ablabesmyia) mallochii</i>	L	1	1	Bolton 2012		
<i>Conchapelopia</i> 08270700	L	1	5	Cran Epl 2013		
<i>Corynoneura</i>	L	1	3	Adl + 3 2013		
<i>Thienemannimyza</i> group <u>b-sens Zsocs</u>	L	1	1	Cran Epl 2013	imm	Y
<i>Cricotopus (Cricotopus) bicornatus</i> group	L	1	1	Adl + 3 2013		
<i>Orthocladius (Orthocladius)</i>	L	1	2	"		Y
<i>O-(O-) oliveri</i>	L	1	1	Bolton 2012		
<i>Parakiefferiella</i>	L	1	1	Adl + 3 2013		
<i>Thienemannella xera</i>	L	xviii	14	Bolton 2012		
<i>Tretania bavarica</i> group	L	1	1	Bide 1983		
<i>Microtendipes pedellus</i> group	L	1	1	Epl et al 2013		
<i>Paratanytarsus</i> species A	L	1	1	Hils unpubl		
<i>Polypedilum (Polypedilum) illinoense</i> group	L	1	1	Bolton 2012		
<i>Rheotanytarsus</i>	L	1	5	Epl et al 2013		
<i>Tanytarsus</i>	L	1	1	"		

< 3 taxa, TVAL ≤ 2.0