

Second B of Ore Creek @ 230M US Hwy 36
Station # 10051348

Sample 1 of 1
20181023-65-01
Rachel Sabre

State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 5
dnr.wi.gov

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 SECOND BR ORE CREEK			Waterbody ID Code 757100		Sample ID (YYYYMMDD-CY-FD) 20181023-65-01
Sampling Location				Database Key 169406800	
SWIMS Station ID 10051348		SWIMS Station Name SECOND BR ORE CREEK 230M US OF HWY 36			
Latitude 42.6471955	Longitude -88.3734067	Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83	
Basin (WMU) FOX (IL)		Watershed Name WHITE RIVER AND NIPPERSINK CREEK		County WALWORTH	
Sample and Site Descriptors					
Sample Collector (Last Name, First) RACHEL SABRE			Project Name SOUTH DISTRICT NC STREAM STRATIFIED SITES 2018		
Sampling Device					
<input checked="" type="checkbox"/> D-Frame Kick Net		<input type="checkbox"/> Surber Sampler		<input type="checkbox"/> Eckman	
<input type="checkbox"/> Ponar		<input type="checkbox"/> Artificial Substrate		<input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____	
Habitat Sampled					
<input checked="" type="checkbox"/> Riffle		<input type="checkbox"/> Run		<input type="checkbox"/> Pool	
<input type="checkbox"/> Other		<input type="checkbox"/> Shoreline Composite		<input type="checkbox"/> Proportionally-Sampled Habitat	
<input type="checkbox"/> Littoral Zone		<input type="checkbox"/> Profundal Zone		<input type="checkbox"/> Wetland	
Total Sampling Time (min) 1min	Estimated Area Sampled (m ²) 1m ²	Number of Samples in Composite 1		Replicate No. <u>1</u> of <u>1</u>	
Reason For Sampling					
<input type="checkbox"/> Least Impacted Reference		<input type="checkbox"/> Baseline		<input type="checkbox"/> Impact / Treatment Site	
<input type="checkbox"/> Control Site		<input type="checkbox"/> Trend		<input checked="" type="checkbox"/> Other: <u>Nature Community</u>	
Water Temp. (C) 73.9	D.O. (mg/l) 11.0	D.O. (% sat.) 93.6	pH (su) 7.92	Conductivity (umhos/cm) 840.0	Transparency (cm) 120
Water Color <input checked="" 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 checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)		
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m) 0.1m		Average Stream Width of reach (m) 3m	
Composition of Substrate Sampled (Percent):					
Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): <u>50</u>		
Sand: <u>50</u>	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____		
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (____): _____		
Embeddedness of Substrate at Sample Site (%) <u>50%</u>		Canopy Cover at Sample Site (%) <u>20%</u>			

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

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Abby Adams</i>	Taxonomist <i>Dimvek, Jeffrey</i>	Estimated Percent of Sample Sorted <i>47%</i>
Date Processed <i>9-10-19</i>	Specimens Saved <i>subsample archived in ABL until Nov 2022</i>	

D2 A2 A1 D1 C3 B3 E1 (Total
 16 21 17 17 21 13 20 Specs = 125

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Allocapra	L	-	5	Hils 1985		
Heptagoniidae	L	III	3	KWb 2016	imm/imm	N
Sternema femeratum	L	-II	7	"		
Baetis brunneicolor	L	-	5	"		
Hydropsychidae	L	I	1	Hils 1985	imm	N
Cheumatopsyche	L	X	10	"		
Ceratopsyche branta	L	II	2	Schm/Hils 1986		
Chemarra aterrima	L	I	1	Hils 1982		
Dubiraphra	L	II	2	Hils Schm 1982		
Aptoseruus	L	-II	7	"	imm	N
O-fastidius	L, A	III	4	"		
Stenelmis	L	II	2	"		N
S. crenata	A	-	5	"		
Neoplasta	L	II	2	Courtner 2008		
Simulium vittatum species complex	L	I	1	Adl et al 2004		
S. jenningsi species group	L	-	5	"	imm	
Antocha	L	I	1	Hils 1985		
Dicranota	L	I	1	"		
Cricotopus (Cricotopus)	A	I	1	Coff et al 1986		N
Parakiefferiella	A	I	1	Ferret et al 2008		
Gammarus pseudolimnoides	A	XII	12	Hils 1972		
Caecidotea intermedia	A	III	3	Will 1972		
Maedrae	A	III	3	Brinck 1991		
Tubificinae (without hairs)	A	II	2	Klemm 1985		
Megadrili = Metasynopora	A	II	2	Thorp/Tog 2016		
Split A3 chironomidae	L	III				
Cricotopus (Cricotopus) tremulus group	L	III	3	Andr 2013		
Eukiefferiella claripennis group	L	I	1	"		
Orthocladius (Orthocladius)	L	-III	8	"		Y
O. (O.) pliveri	L	I	1	Bolton 2012		
Parakiefferiella	L	III	3	Andr 2013		N
Parametriocnemus	L	I	1	"		
Tvelenia bavarica group	L	I	1	Bode 1983		
Cladotanytarsus	L	III	4	EpI et al 2013		
Cryptochironomus	L	I	1	"		
Dicrolendipes	L	I	1	"		
Microtendipes Microtendipes pedellus group	L	-III	9	"		

JJD

<3 taxa, TVAL ≤ 2.0

