

Genesee Creek @ Point Road
Station # 10010549
Sample 1 of 1
20181023-68-12
Rachel Sabre

State of Wisconsin
 Department of Natural Resources
 PO Box 7291, Madison WI 537
 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 GENESEE CREEK	Waterbody ID Code 769800	Sample ID (YYYYMMDD-CY-FD) 20181023-68-12	
Sampling Location		Database Key 169406732	
SWIMS Station ID 10010549	SWIMS Station Name GENESEE CREEK @ Point Rd		
Latitude 42.9442758	Longitude -88.3179595	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) FOX (IL)	Watershed Name MIDDLE FOX RIVER - ILLINOIS	County WAUKESHA	
Sample and Site Descriptors			
Sample Collector (Last Name, First) RACHEL SABRE		Project Name MIDDLE ILLINOIS FOX RIVER TWA 2018 SABRE	
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 type="checkbox"/> Riffle <input checked="" 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) 1 min	Estimated Area Sampled (m²) 1 m ²	Number of Samples in Composite 1	Replicate No. 1 of 1
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: TWA			
Water Temp. (C) 9.10	D.O. (mg/l) 12.29	D.O. (% sat.) 108.9	pH (su) 8.23
Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained		Conductivity (umhos/cm) 936.5	
Estimated Stream Velocity (m/s)		Transparency (cm) 120	
<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)		Water Color 7.5 59.3	
Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.3m	Average Stream Width of reach (m) 8m	
Composition of Substrate Sampled (Percent):			
Bedrock: _____	Boulders (basketball or larger): 10	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): 20
Sand: 25	Clay: _____	Silt/Muck: 5	Overhanging Vegetation: _____
Aquatic Macrophytes: 10	Leaf Snags: 10	Coarse Woody Debris: 20	Other (_____): _____
Embeddedness of Substrate at Sample Site (%) 20%		Canopy Cover at Sample Site (%) 10%	

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>Kaylaw Cox</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>13%</i>
Date Processed <i>04/25/19</i>	Specimens Saved <i>subsample archived in ABL until Jul 2022</i>	

D1 = 69
B3 = 72 (191)

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Coenis	L	III	8	Klch 2016	imm	
Stenacron	L	I	1	"	imm	
Tricorythodes	L	XIII	14	"		
Hetererina americana	L	I	1	West May 1996		
Coenagrionidae	L	I	1	"	imm	
Cheumatopsyche	L	01	21	Hols 1995		
Hydropsyche betteni	L	I	1	Schm Hols 1986		
H. wanis	L	II	7	"		
Ceratopsyche	L	I	1	Hols 1995	imm	
Deceis	L	I	5	"	imm	
Chimarra obscura	L	III	3	Hols 1982		
Neureclipsis	L	I	1	Hols 1995		
Macronychus glabratus	L	I	1	Hols Schm 1992		
Optocerosus	L	II	2	"	imm	
Colicoides	L	I	1	Hols 1995		
Bezzia/Palpomysia	L	I	1	"		
Hemerodromia	L	III	3	Gurt Meir 2008		
Simulium vittatum species complex 08110217	L	III	8	Adl et al 2004		
Gammarus pseudolimnaeus	A	X	15	Hols 1972		
Hyalella spinicauda	A	I	1	Sovick et al 2015		
Physa	A	II	2	Thorp Pag 2016		
Gyraulus deflectus	A	II	2	Burch 1989		
Pisidium	A	III	3	Burch 1972		
Spit A3 Chironomidae	L	I-III				
Pentaneura manspivca	L	I	1	Epler 2001		
Thienemannimyia	L	I	1	Cran Epl 2013		
Orthocladiinae 08300000	L	I	1	Coanston 2013	mt in det	N
Corynoneura	L	I	1	Andt 3 2013		
Eukiefferella claripennis group	L	II	2	"		
Orthocladus (Orthocladus)	L	I	1	"		
Cladotanytarsus	L	II	2	Epl et al 2013		
Microtendipes	L	III	3	"		
Microtendipes pedellus group	L	II	2	"		
M. rydalensis group	L	I	1	"		
Polypedilum (Polypedilum) illinoense group	L	I	1	Bolton 2012		
P-(Tropodura) scaberum group	L	I	1	"		

23 taxa, TVAL = 20

