

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name STONY CREEK		Waterbody ID Code 28700	Sample ID (YYYYMMDD-CY-FD) 20201007-67-21
Sampling Location US Jay Rd. bridge		Database Key 250470557	
SWIMS Station ID 673267	SWIMS Station Name STONEY CREEK AT CTH X NEAR BOLTONVILLE WI		
Latitude 43.52763187	Longitude -88.089254	Lat/Long Determination Method (circle) <u>SWIMS</u> SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) MILWAUKEE RIVER	Watershed Name NORTH BRANCH MILWAUKEE RIVER	County WASHINGTON	

Sample and Site Descriptors

Sample Collector (Last Name, First) Watkinson, Arthur	Project Name SOUTH DISTRICT NC STREAM STRATIFIED SITES 2019
Sampling Device	
<input checked="" type="checkbox"/> D-Frame Kick Net	<input type="checkbox"/> Surber Sampler
<input type="checkbox"/> Ponar	<input type="checkbox"/> Artificial Substrate
<input type="checkbox"/> Eckman	<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) 4	Estimated Area Sampled (m²) 1	Number of Samples in Composite 1	Replicate No. <u>1</u> of <u>1</u>
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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>Natural Community</u>

Water Temp. (C) 13.42	D.O. (mg/l) 11.30	D.O. (% sat.) 108.9	pH (su) 8.00	Conductivity (umhos/cm) 1153	Transparency (cm) 120+
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Water Color	Estimated Stream Velocity (m/s)
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<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) 0.2m	Average Stream Width of reach (m) 5.2m
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 10	Gravel (ladybug to tennisball): 20
Sand: 60	Clay: _____	Silt/Muck: 10	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other ():: _____

Embeddedness of Substrate at Sample Site (%) 40	Canopy Cover at Sample Site (%) 00
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20201007-67-21
 Station # 673267
 Sample 1 of 1
 Stony Creek - US Jay Road
 WBIC 28700
 Arthur Watkinson
 S District NC Streams Stratified 2019

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>Elwer, Brenden</i>	Taxonomist <i>Dimrock, Jeffrey</i>	Estimated Percent of Sample Sorted <i>10.9%</i>
Date Processed <i>10-7-2021</i>	Specimens Saved <i>150 subsample archived in ABC until Nov 2024</i>	

A2 Q4-13 B2 Q1-25 D1 Q3
 Q1-26 Q4-18 Q1
 Q2-16 Q3-23 Q2
 Q3-29 Q2 Q4

7/64

3hrs

12P

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis brunneicolor</i>	L	I	1	Kub 2016		
<i>B. flavistriga</i> species complex	L	I	1	"		
<i>Leucocysta</i>	L	III	4	MCB 2019		
<i>Maccaffertium</i>	L	III	3	Kub 2016	imm	N
<i>M. medio-punctatum</i>	L	III	3	"		
<i>M. vicarium</i>	L	XIII	14	"		
<i>Taeniopteryx</i>	L	III	23	MCB 2019	imm	
<i>Protopsepha</i>	L	I	1	"		
<i>Helicopsyche borealis</i>	L	II	2	Hils 1995		
<i>Cheumatopsyche</i>	L	-	5	MCB 2019		
<i>Hydropsyche</i>	L	I	1	Hils 1995	imm	N
<i>H. betteri</i>	L	I	1	Schm Hils 1986		
<i>Leuctraehia pictipes</i>	L	II	2	Hils 1995		
<i>Chimarra aterrima</i>	L	I	1	Hils 1982		
<i>Psychomyia flavida</i>	L	I	1	Hils 1995		
<i>Optioservus</i>	L	-	6	MCB 2019	imm	N
<i>O. fastiditus</i> L, 2 A, 1	L, A	III	3	Hils Schm 1992		
<i>Stenelmis</i>	L	-	6	MCB 2019		
<i>Ectopria leechi/renosa</i>	L	I	1	Hils Schm 1992		
<i>Psephenus herricki</i>	L	I	1	Hils 1995		
<i>Ornocoelocidae</i> (Pret?)	P	I	1	MCB 2019	dam	N
<i>Antocha</i>	L	I	1	"		
<i>Pilaria</i>	L	I	1	"		
<i>Gammarus pseudolimnensis</i>	A	III	4	Hils 1972		
<i>Caecidotea intermedia</i>	A	II	2	Will 1972		
<i>Ferrissia rivularis</i>	A	I	1	Thorp Res 2016		
<i>Colicoidea</i>	L	I	1	Hils 1995		
<i>Naidinae</i>	A	II	2	Kahn Ban 1998		Y
<i>Pristina</i>	A	I	1	"		
<i>Tubiificinae (w/o hairs)</i>	A	III	4	"		
<i>Spitiz Chironomidae</i>	L	X				
<i>Thienemannella</i>	L	I	1	And et al 2013	imm	
<i>Cladotanytarsus</i>	L	IX	35	"		
<i>Cryptochironomus</i>	L	III	4	"		
<i>Microtendipes pedellus</i> group	L	III	4	"		
<i>Parakiefferiella</i>	L	I	1	"		

