

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name UNNAMED		Waterbody ID Code 2156400	Sample ID (YYYYMMDD-CY-FD) 20191118-09-04
Sampling Location US current ~2m			Database Key 215849298
SWIMS Station ID 10008717		SWIMS Station Name CREEK 8-16 - HWY S NORTH [1]	
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER CHIPPEWA		Watershed Name LOWER YELLOW (CHIPPEWA CO.) RIVER	County CHIPPEWA
Sample and Site Descriptors			
Sample Collector (Last Name, First) Raleigh, Myca / Kristen Radtke		Project Name LOTZ CREEK-YELLOW RIVER/PIKE CREEK TWA 2019	
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) 15	Number of Samples in Composite 1	Replicate No. 1 of 2
Reason For Sampling			
☐ Least Impacted Reference ☐ Baseline ☐ Impact / Treatment Site ☐ Control Site ☐ Trend ☒ Other: LWA			
Water Temp. (C) 0.56	D.O. (mg/l)	D.O. (% sat.)	pH (su)
Conductivity (umhos/cm)		Transparency (cm)	
Water Color ☒ Clear ☐ Turbid ☐ Stained		Estimated Stream Velocity (m/s) ☒ Slow (< 0.15 m/s) ☐ Moderate (0.15 m/s - 0.5 m/s) ☐ Fast (> 0.5 m/s)	
Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) .2		Average Stream Width of reach (m) 3m
Composition of Substrate Sampled (Percent):			
Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 10	Gravel (ladybug to tennisball): 60
Sand: 36	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____
Embeddedness of Substrate at Sample Site (%) 20		Canopy Cover at Sample Site (%) 80	

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	N	U	Chlorine	U	U
- Filamentous Algae	N	U	Dissolved Oxygen	U	U
- Planktonic Algae	N	U	Nutrients (P, N...)	U	U
Iron Bacteria	N	U	Toxics: - Inorganic (Metals)	U	U
Macrophytes	N	U	- Organic (PCBs, pesticides...)	U	U
Slimes	N	U	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	U	U
			Point Source - Specify:		
Physical			Pasturing of Livestock	PL	U
Bank Erosion	N	U	Runoff: - Barnyard	N	U
Channelization: - Upstream	N	U	- Construction	N	U
- Downstream	N	U	- Cropland	PH	PH
Hydraulic Scour / Channel Incision	N	U	- Urban	N	U
Impoundment: - Upstream	N	N	Septic Systems	U	U
- Downstream	N	N	Tile Drainage - Organic Soils	U	U
Low Flow	N	U	- Mineral Soils	U	U
Sedimentation	N	U	Springs	U	U
Sludge	N	U	Tributary(s)	U	U
Thermal	N	U	Wetland	U	U
Turbidity	N	U	Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Logan Cutler	Taxonomist Derrick Jeffery	Estimated Percent of Sample Sorted 20%
Date Processed 2/2/2020	Specimens Saved 40 + 41 + 44 = 125	

U B2 D1 Total
Subsample archived in ABL until Apr 2023

Wisconsin Department of Natural Resources

ABL SampleNum: 20191118-09-04

Taxonomist: Dimick, Jeffrey

Waterbody: Unnamed Creek 8-16

SWIMS Database Key: 215849298

Page 1 of 1

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Heptageniidae	L	1	1	Klub 2016	imm	N
Maccaffertium vicarorum	L	iiii	9	"		
Stenonema	L	x-i	16	"	imm	
Stenonema femoratum	L	iii	3	"		
Leptophlebiidae	L	x-i	11	"	dam	N
Leptophlebia	L	1	1	"	imm	
Paraleptophlebia	L	0	20	"	imm	
Allocaenia	L	1	1	Hols 1995		
Neophylax	L	iii	3	"	imm	
Optioservus	L	-1	6	Hols Schm 1992	imm	N
O-fastidius	L	-ii	7	"		
Mallochochelea	L	iii	3	Hols 1995		
Dicranota	L	-1	6	"		
Tipula	L	1	1	"		
Sperehron	A	1	1	Pivchinn 1984		
Oreonektes	A	1	1	Hobbs Lass 1988		
Pisidium	A	iii	3	MacKie 2007		
Naidinae	A	1	1	Bennell 1991		
Tubificinae (without hairs)	A	-1	6	Klemm 1985		
Tubificinae (with hairs)	A	ii	2	"		
Split A3 Chironomidae	L	+ 10				
Conchapelopia 08270700	L	i	1	CranEpi 2013		
Orthocladiinae 08300000	L	i	1	Cranston 2013	mt-met	N
Corynoneura	L	iii	3	And+3 2013		
Diplocladius	L	i	1	"	10	10
Orthocladius (Orthocladius)	L	iii	3	"	mt-met	NY
O.(O.) oliveri	L	iii	3	Bolton 2012		
Parametrioeremus	L	iii	4	And+3 2013		
Thienemannella xera	L	1	1	Bolton 2012		
Tvetenia bavaria group	L	-1	6	Bode 1983		
Micropsectra	L	1	1	Epi et al 2013		
Paratanytarsus species B	L	i	1	Hols capbl		
Polypedium	L	i	1	Epi et al 2013	mt-met	N
P.(Polypedium) illinoense group	L	iii	3	Bolton 2012		
Rheotanytarsus	L	ii	2	Epi et al 2013		
Stictochironomus	L	1	1	"		
Tanytarsus	L	ii	2	"		