

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED	Waterbody ID Code 5010477	Sample ID (YYYYMMDD-CY-FD) 20191118-09-01
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Sampling Location US culver ~ 8m	Database Key 212996102
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SWIMS Station ID 10008704	SWIMS Station Name UNNAMED CREEK 27-12 - HWY O
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Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) LOWER CHIPPEWA	Watershed Name LOWER YELLOW (CHIPPEWA CO.) RIVER	County CHIPPEWA
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Sample and Site Descriptors

Sample Collector (Last Name, First) MYCAL RALEIGH Kristen Rathbun	Project Name LOTZ CREEK-YELLOW RIVER/PIKE CREEK TWA 2019
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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	☐ Shoreline Composite	☐ Proportionally-Sampled Habitat
☐ Littoral Zone	☐ Profundal Zone	☐ Wetland

Total Sampling Time (min) 1	Estimated Area Sampled (m²) 1	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: TWA

Water Temp. (C) 16.7	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 15	Average Stream Width of reach (m) 1m
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): 10	Rubble (tennisball to basketball): 50	Gravel (ladybug to tennisball): 30
Sand: 10	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____

Embeddedness of Substrate at Sample Site (%) 10	Canopy Cover at Sample Site (%) 50
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Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

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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:		U
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	N	U
			Point Source - Specify:		
			Pasturing of Livestock	N	U
Physical			Runoff: - Barnyard	N	U
Bank Erosion	PL	U	- Construction	N	U
Channelization: - Upstream	N	U	- Cropland	N	U
- Downstream	N	U	- Urban	N	U
Hydraulic Scour / Channel Incision	N	U	Septic Systems	U	U
Impoundment: - Upstream	N	U	Tile Drainage - Organic Soils	U	U
- Downstream	N	U	- Mineral Soils	U	U
Low Flow	U	U	Springs	U	U
Sedimentation	N	U	Tributary(s)	U	U
Sludge	U	U	Wetland	N	U
Thermal	N	U	Other - Specify:		
Turbidity	N	U			
Other - Specify:					

Comments Small tributary comes in just above culvert

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Abby Adams	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 20%
Date Processed 1-29-2020	Specimens Saved Subsample archived in ABL until Apr 2023	

A2 C3 C1 Total
24 67 55 146

Wisconsin Department of Natural Resources

ABL SampleNum: 20191118-09-01

Taxonomist: Dimick, Jeffrey

Waterbody: Unnamed Creek 27-12

SWIMS Database Key: 212996102

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis brunneicollis</i>	L	1	1	Klich 2016		
<i>Leptophlebia</i>	L	III	9	"	imm	N
<i>L. cupida</i>	L	X	10	"		
<i>Chamaetopseus</i>	L	II	2	Hils 1995		
<i>Diplectrona modesta</i>	L	I	1	"		
<i>Hypentomus betteni</i>	L	-	5	Schm Hils 1986		
<i>Stalix</i>	L	I	1	Hils 1995		
<i>Stenelmis crenata</i>	A	I	1	Hils Schm 1982		
<i>Bezzia/Palpomysia</i>	L	I	1	Hils 1995		
<i>Dixella</i>	L	I	1	"		
JD <i>Dracopis</i>	L	III	3	"		
<i>Caecidotea racovitzai racovitzai</i>	A	III	8	Will 1972		
<i>Harpacticoida</i>	A	I	1	Thorp Bog 2016		
<i>Tubificinae (with hairs)</i>	A	I	1	Klemm 1985		
split Ag Chironomidae	L	L JD				
<i>Corynoneura</i>	P	I	1	Ferreira 2008		
<i>Parametopaenemus</i>	L	IX	35	And+3 2013		
<i>Tanytarsus</i> 08270000	L	I	1	Cranston 2013	dam	Y
<i>Conchapelopia</i> 08270700	L	II	2	Cran Epl 2013		
<i>Brillia</i>	L	I	1	And+3 2013	imm	
<i>Corynoneura</i>	L	II	3	"		N
<i>Diplocladius</i>	L	-	5	"		
<i>Limnophyes</i>	L	I	1	"		
<i>Parachaeocladius</i>	L	I	1	"		
<i>Thienemannella</i>	L	I	1	"	imm	N
<i>Th. xena</i>	L	I	1	Botton 2012		
<i>Tvetenia bavarica</i> group	L	II	7	Bode 1983		JD
<i>Chironominae</i> 08330000	L	I	1	Cranston 2013	mt mtd	N
<i>Cladotanytarsus</i>	L	I	1	Epl et al 2013		
<i>Micropsectra</i>	L	II	7	"		
<i>Paratanytarsus longistylus</i>	L	II	2	"		
<i>P. species A</i>	L	I	1	Hils Longtbl		
<i>Polypedilum (Polypedilum) illinoense</i> group	L	II	2	Bolton 2012		
<i>P. (Unipeditum) aviceps</i>	L	XIII	13	"		
<i>Tanytarsus</i>	L	X	15	Epl et al 2013		