

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name SOUTH FORK PAINT CREEK	Waterbody ID Code 2153300	Sample ID (YYYYMMDD-CY-FD) 20201103-09-03
Sampling Location US bridge 1-10m		Database Key 253357410

SWIMS Station ID 10014463	SWIMS Station Name SOUTH FORK PAINT CREEK - 20TH AVE.
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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	Project Name LITTLE LAKE WISSOTA TWA 2020 (319 PROJECT-FUNDED)
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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) 20 min	Estimated Area Sampled (m²) 5	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) 7.7	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) 0.4	Average Stream Width of reach (m) 3
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): 20	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): _____
Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: 80
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____

Embeddedness of Substrate at Sample Site (%) 0	Canopy Cover at Sample Site (%) 0
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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	PL	U	Dissolved Oxygen	U	U
- Planktonic Algae	U	U	Nutrients (P, N...)	U	U
Iron Bacteria	PL	U	Toxics: - Inorganic (Metals)	U	U
Macrophytes	N	U	- Organic (PCBs, pesticides...)	U	U
Slimes	U	U	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	N	U
			Point Source - Specify:		
Physical			Pasturing of Livestock	N	U
Bank Erosion	N	U	Runoff: - Barnyard	N	U
Channelization: - Upstream	N	U	- Construction	U	U
- Downstream	N	U	- Cropland	PL	U
Hydraulic Scour / Channel Incision	N	U	- Urban	N	U
Impoundment: - Upstream	N	U	Septic Systems	U	
- Downstream	N	U	Tile Drainage - Organic Soils	U	U
Low Flow	N	U	- Mineral Soils	U	U
Sedimentation	PH	U	Springs	U	U
Sludge	U	U	Tributary(s)	U	U
Thermal	U	U	Wetland	PL	U
Turbidity	U	U	Other - Specify:		
Other - Specify:					

Comments: Sampled for 20 min at mainly overhanging veg and some boulders at bridge. Very few bugs caught throughout sampling time that were noticeable. Water slightly stained.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Isabel Dunn	Taxonomist Dimitri Jeffray	Estimated Percent of Sample Sorted 0.67%
Date Processed 6/16/2021	Specimens Saved Subsample archived in ABC mtd 1 Jul 2021	

1:00 -
3:10

D1
3-30
2-30
4
1

A3
4-35
1-33
3
2

128

Wisconsin Department of Natural Resources

ABL SampleNum: 20201103-09-03

Taxonomist: Dimick, Jeffrey

Waterbody: South Fork Paint Creek

SWIMS Database Key: 253357410

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Leptophlebia	L	iiii	9	MCB 2019	imm	
Hydatophylax argus	L	i	1	Hils 1995		
Platycentropus	L	i	6	MCB 2019		
Hesperocorixa minorella	A	i	1	Hils 1984a		
Bezzia/Palpomyia	L	i	1	Hils 1995		
Ephyridae	L	i	1	MCB 2019		
Caecidotea	A	i	1	Thorp Roy 2016	Rem	
Ceratopogonidae	L	i	1	MCB 2019	imm	N
Naidinae	A	0	20	Kath Born 1998		
Tubificonae (without hairs)	A	ii	2	"		
Cyclopidae	A	i	1	Thorp Roy 2016		
Harpacticoida	A	ii	2	"		
Daphniidae	A	i	1	"		
Podocapida	A	i	1	"		
Split Aza Chironomidae	L	Bx 20				
Split Azb Chironomidae	L	Bx 20				
Split Azc Chironomidae	L	xii 20				
Conchapelopia	L	i	1	And et al 2013		
Merapelopia	L	i	1	"		
Zarembkomyia	L	iii	3	"		
Thienemannimyia Group	L	i	6	"	mt mdt imm	N
Orthocladiinae n=1, Crco/Ortho	L	iiii	4	"	mt mdt imm	n=1, Y
Chaetocladius	L	i	1	"		
Diplocladius	L	i	5	"		
Hydrobaenus	L	i	1	"		
Nanocladius	L	i	1	"	imm	
Parakiefferiella	L	i	1	"		
Parametrioctenemus	L	iii	8	"		
Cladotanytarsus	L	i	1	"		
Dicropenthes	L	iii	8	"		
Microsestra	L	xii	12	"		
Paracladopelma	L	i	1	"		
Paratanytarsus species A	L	0-ii	27	Hils capd 1		
Phaenosestra	L	i	1	And et al 2013	imm	N
P. flavipes	L	ii	3	Bolton 2012		
Polypedilum (Polypedilum) illinoense group	L	ii	2	"		
Rheotanytarsus	L	i	1	And et al 2013		

[illegible]