

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name SILVER CREEK	Waterbody ID Code 2153500	Sample ID (YYYYMMDD-CY-FD) 20201103-09-05
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Sampling Location US Culvert 5-20m	Database Key 253357406
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SWIMS Station ID 10008646	SWIMS Station Name SILVER CREEK - 45TH AVE [1]
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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) 8 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) 6.7	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) 3.5
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): _____
Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: 100
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____

Embeddedness of Substrate at Sample Site (%) _____	Canopy Cover at Sample Site (%) _____
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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:		
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	N	U
- Downstream	N	U	- Cropland	PL	U
Hydraulic Scour / Channel Incision	N	U	- Urban	N	U
Impoundment: - Upstream	N	U	Septic Systems	U	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	N	U	Tributary(s)	U	U
Thermal	U	U	Wetland	PH	U
Turbidity	U	U	Other - Specify:		
Other - Specify:					

Comments: Very small amount of bugs visible. Substrate all sand and silt. Runs through wetlands

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Isabel Dunn	Taxonomist Dimock, Jeffrey	Estimated Percent of Sample Sorted 8.33%
Date Processed 6/17/2021	Specimens Saved Sub sample archived in AB Lab 11 Jul 2024	

10:45-
1:00

C3
2-25
4-26
3-32
1
A2
1-27
2-26
3
4

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Wisconsin Department of Natural Resources

ABL SampleNum: 20201103-09-05

Taxonomist: Dimick, Jeffrey

Waterbody: Silver Creek

SWIMS Database Key: 253357406

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Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Coenis	L	1	1	MCB 2019	imm	
Eurylophella	L	1	1	"	imm	
Leptophlebia	L	811	32	"	imm	
Coenagrionidae	L	1	1	"	imm	
Somatoclara hineana	L	1	1	Tennissen 2019		
Limnephilidae	L	-11	7	MCB 2019	imm	
Ranatra fusca	A	1	1	Hils 1984a		
Neoporus vittatus	A	1	1	Hils 1985a		
Tipula	L	1	1	MCB 2019		
Diptera <u>(Brachycera)</u>	P	-111	9	"		Y
Hyalella azteca	A	1	1	Savick et al 2015		
Trembiculiformes	A	1	1	Thorp Reg 2016	imm	
Laevapex fuscus	A	111	3	"		
Cyclopidae	A	-1	6	"		
Alluaudomyia	L	1	1	Hils 1995		
Maidmre	A	x11	12	Kath Brn 1998		
Split Aa Chironomidae	L	8x111)				
Split Ab Chironomidae	L	8x11111)				
Microtendipes pedellus group	L	111	3	And et al 2013		
Conchapelopia	L	111	3	"		
Nerophesia	L	11	2	"		
Procladius	L	1	1	"	imm	N
P. (Psilotanytus)	L	1	1	"		
Zarembomyia	L	1	1	"		
Thienemanniomyia group	L	1	1	"	imm	N
Orthocladiinae	L	111	3	"	not indet imm	N
Nanocladius (Nanocladius)	L	1	1	"	imm	
Orthocladius (Symposiocladius) annectens	L	1	1	Bolton 2012		
Parakiefferiella	L	11	2	And et al 2013		
Parametrioctenemus	L	111	3	"		
Diplocladius	L	1	1	"		
chironominae	L	1	1	"	imm	N
Dicrotendipes	L	1	5	"		
Microsestera	L	x-11	17	"		
Paratanytarsus species A	L	x-111	18	Hils unpubl		
Paratendipes	L	1	1	And et al 2013		
Polypedilum (Polypedilum) illinoense group	L	1	1	Bolton 2012		

Taxonomist: Dimick, Jeffrey

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[illegible]