

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name ALDER CREEK	Waterbody ID Code 2154000	Sample ID (YYYYMMDD-CY-FD) 20201104-18-02
--------------------------------------	-------------------------------------	---

Sampling Location US bridge 10m	Database Key 253357382
---	----------------------------------

SWIMS Station ID 10008641	SWIMS Station Name 2 - ALDER CREEK - (10TH AVE / GRANDVIEW DR.)
-------------------------------------	---

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 EAU CLAIRE
--------------------------------------	--	-----------------------------

Sample and Site Descriptors

Sample Collector (Last Name, First) MYCAL RALEIGH	Project Name LITTLE LAKE WISSOTA TWA 2020 (319 PROJECT-FUNDED)
---	--

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) 2	Estimated Area Sampled (m²) 2.5	Number of Samples in Composite 1	Replicate No. 1 of 1
---------------------------------------	--	--	------------------------------------

Reason For Sampling

☐ Least Impacted Reference	☐ Baseline	☐ Impact / Treatment Site
☐ Control Site	☐ Trend	☒ Other: TWA

Water Temp. (C) 7.2	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) 0.35	Average Stream Width of reach (m) 3m
--	--	--

Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 5	Gravel (ladybug to tennisball): 45
-----------------------	---	---	---

Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: 30
--------------------	--------------------	-------------------------	-----------------------------------

Aquatic Macrophytes: 20	Leaf Snags: _____	Coarse Woody Debris: _____	Other ():: _____
--------------------------------	--------------------------	-----------------------------------	--------------------------

Embeddedness of Substrate at Sample Site (%) 25	Canopy Cover at Sample Site (%) 0
--	--

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	PL	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	N	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	PL	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 Substrate covered in layer of fines. Run-pool habitat. Sampled run that consisted of mix of cobble/gravel, Submergent veg and overhanging veg.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Isabel Dunn	Taxonomist Derrick Jeffery	Estimated Percent of Sample Sorted 5.83016
Date Processed 6/18/2021	Specimens Saved Sub sample archived in HCL until Jul 2024	

1:50-
4:20

E1
3-58
4-41
1
2
A2
1-20
4-41-15
2
3

(134)

Wisconsin Department of Natural Resources

ABL SampleNum: 20201104-18-02

Taxonomist: Dimick, Jeffrey

Waterbody: Alder Creek

SWIMS Database Key: 253357382

Page 1 of 2

Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Acerperna macdunnoughi</i>	L	III	3	Kub 2016		
<i>Caenis punctata</i>	L	II	2	"		
<i>Eurylaphella</i>	L	III	3	MCB 2019	imm	
<i>Lepidophlebia</i>	L	X-III	18	"	imm	
<i>Allocaenia</i>	L	II	2	"		
<i>Amphitemura</i>	L	I	1	"	imm	
<i>Oxyethira</i>	L	I	1	"		
<i>Platycentropus</i>	L	II	2	"		
<i>Dubiraphia</i>	L	III	3	"		N
<i>D. quadripunctata</i>	A	I	1	Hils Schm 1992		
<i>Probatzia</i>	L	I	1	Hils 1995		
<i>Hyalella azteca</i>	A	III	4	Savick et al 2013		
<i>Caecidotea</i>	A	II	2	Thorp Reg 2016	Rem	
<i>Lebertia</i>	A	I	1	Peck et al 1990		
<i>Limnasia</i>	A	II	2	"		
<i>Mesochironomidae</i>	A	I	1	Thorp Reg 2016		
<i>Cyclopidae</i>	A	I	1	"		
<i>Trichoptera</i>	L	I	1	MCB 2019	imm	N
<i>Naicidae</i>	A	-III I	1	Kahn Brn 1990		
<i>Tubificornae (without hairs)</i>	A	I	1	"		
Split Aza Chironomidae	L	Bx-III				
Split Azo Chironomidae	L	X-III				
<i>Parametrioicnemus</i>	L	X	10	And et al 2013		
<i>Cladotanytarsus</i>	L	II	6	"		
<i>Dicrotendipes</i>	L	III	3	"		
<i>Microtendipes pedellus group</i>	L	I	1	"		
<i>Orthocladiinae</i>	L	-III	8	"	imm	N
<i>Chaetocladius</i>	L	II	2	"		
<i>Cricotopus (Cricotopus) breinetus group</i>	L	I	1	"		
<i>Diplocladius</i>	L	I	6	"		
<i>Hydrobaenus</i>	L	I	1	"		
<i>Orthocladius (Orthocladius)</i>	L	II	2	"		
<i>Parakiefferrella</i>	L	II	2	"		
<i>Paraphaenocladius</i>	L	I	1	"		
<i>Thienemannella</i>	L	I	1	"	imm	
<i>Paratanytarsus</i>	L	II	3	"	mt mddt	N
<i>P. species B</i>	L	III	4	Hils Lynch 1		

Taxonomist: Dimick, Jeffrey

Page 2 of 2

[illegible]