

Instructions: Bold fields must be completed.

2019/0246001 JDP

Station Summary

Waterbody Name PONCHO CREEK	Waterbody ID Code 269600	Sample ID (YYYYMMDD-CY-FD) Macroinvertebrate 910245001
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Sampling Location

SWIMS Station ID 10029974	SWIMS Station Name PONCHO CREEK AT CTY TR Z (SITE 463)	Date 210950263 207754375
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SWIMS Station ID

10029974

SWIMS Station Name

PONCHO CREEK AT CTY TR Z (SITE 463)

Latitude

44.569405

Longitude

-89.32681

Lat/Long Determination Method (circle)

SWIMS SWDV GPS

Datum Used if using GPS

WGS84 or NAD83

Basin (WMU)

WOLF RIVER

Watershed Name

WAUPACA RIVER

County

PORTAGE

Sample and Site Descriptors

Sample Collector (Last Name, First)

MICHAEL MILLER

Project Name

CENTRAL SANDS INFLUENCE OF PESTICIDES ON MACROIN

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)

5

Estimated Area Sampled (m²)

Number of Samples in Composite

1

Replicate No. _____ of _____

Reason For Sampling

☐ Least Impacted Reference

☐ Baseline

☒ Impact / Treatment Site

☐ Control Site

☐ Trend

☐ Other: _____

Water Temp. (C)

6.8

D.O. (mg/l)

10.66

D.O. (% sat.)

87.2

pH (su)

7.89

Conductivity (umhos/cm)

182.5

Transparency (cm)

122+

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)

0.3

Average Stream Width of reach (m)

1.5

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): 80%

Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 20%

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

Embeddedness of Substrate at Sample Site (%) _____ Canopy Cover at Sample Site (%) _____

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

Comments

Wetland dominated upstream

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Selina Walters	Taxonomist Dmick, Jeff Prey	Estimated Percent of Sample Sorted 7.81%
Date Processed 2/13/23	Specimens Saved 126 subsample archived in ABC until Apr 2026	

B3
Q3: 34
Q1: 30
Q2: 26
Q4:

B1
Q4: 18
Q3: 18
Q1:
Q2:

Wisconsin Department of Natural Resources

 ABL SampleNum: **20191024-50-02**

Taxonomist: Dimick, Jeffrey

 Waterbody: **Poncho Creek**
 SWIMS Database Key: **287759375**

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Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis fuscicaudatus</i>	L	1	1	Klob 2016		
<i>B. brunneicollis</i>	L	11	2	"		
<i>Acerpenna</i> <i>prob. maderia</i>	L	1	1	MCB 2019	dam	
<i>Paracapnia angulata</i>	L	80-100	68	Hatch 1974		
<i>Nemoura areolaris</i> = <i>N. crispipennis</i>	L	100	4	Gribos et al 2018		
<i>Brachycentrus occidentalis</i>	L	1	5	Hols 1985		
<i>Microsema gelidum</i>	L	10	3	"		
<i>Phyllocnistria placidus</i>	L	1	1	Hols 1995		
<i>Glossosoma</i>	L	1	1	MCB 2019	imm	N
<i>G. intermedium</i>	L	10	3	Wynn Mar 2000		
<i>Dipteroneura modesta</i>	L	10	3	Hols 1995		
<i>Lepidostoma</i>	L	10	3	MCB 2019		
<i>Molanna blanda</i>	L	1	1	Sherrill 1971		
<i>Rhyacophila vitrea</i>	L	1	1	Patn Mar 2001		
<i>Neophylax</i>	L	1	1	MCB 2019	imm	
<i>Nigronia semicincta</i>	L	1	1	Wenzel 1966		
<i>Ophiocentrus</i>	L	10	7	MCB 2019	imm	N
<i>O. fuscicaudatus</i> L12 A1	L1A	10	3	Hols Schur 1992		
<i>Ephemerella</i> 08080000	L	1	1	MCB 2019		
<i>Tipula</i>	L	1	1	"		
<i>Gammarus pseudolimnensis</i>	A	1	5	Holsinger 1972		
<i>Mesadrill</i> = <i>Metasyngrapha</i>	A	1	1	Thorp Reg 2016		
<i>Naididae</i>	A	1	1	Kath Brn 1999		
<i>Physa</i>	A	11	2	Thorp Reg 2016		
<i>Leborella</i>	A	11	2	Peck et al 1990		
<i>Split Az Chironomidae</i>	L	100-1000				
<i>Pagasta</i>	L	1	1	Ander et al 2013		
<i>Parametriocheilus</i>	L	100	4	"		
<i>Thremmannimyia</i> group	L	1	1	"	imm	
<i>Orthocladus</i> (<i>Orthocladus</i>)	L	1	1	"		
<i>Paratanytarsus longistylus</i>	L	1	1	"		