

201910247001 JWP

Instructions: Bold fields must be completed.

Station Summary		Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD)
Waterbody Name CARTER CREEK		1351200	Macroinvertebrate 201910247001
Sampling Location 5m West of rd		Database Key 210950219 287759285	
SWIMS Station ID 10010761	SWIMS Station Name CARTER CREEK AT 1ST AVE		
Latitude 44.095627	Longitude -89.59779	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) CENTRAL WISCONSIN		Watershed Name LITTLE ROCHE A CRI CREEK	County WAUSHARA

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 (m ²) 2	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) 9.97	D.O. (% sat.) 81.8	pH (su) 7.86	Conductivity (umhos/cm) 222.8	Transparency (cm) 122+
------------------------	---------------------	-----------------------	-----------------	----------------------------------	---------------------------

Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
---	---

Measured Velocity NA	circle units m/s or f/s	Average Stream Depth of reach (m) 0.5	Average Stream Width of reach (m) 2.5
-------------------------	----------------------------	--	--

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): 50%
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 50%
 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	Watershed	Factors that may be influencing Water Resource Integrity		Local	Watershed
Biological				Chemical			
Algae: - Diatoms / Periphyton		X		Chlorine		N	
- Filamentous Algae		PL		Dissolved Oxygen			
- Planktonic Algae				Nutrients (P, N...)			
Iron Bacteria		N		Toxics: - Inorganic (Metals)			
Macrophytes		P		- Organic (PCBs, pesticides...)			
Slimes		N		Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		N	
				Point Source - Specify:		N	
				Pasturing of Livestock		N	
				Runoff: - Barnyard			
				- Construction			
				- Cropland		PH	
				- Urban			
				Septic Systems			
				Tile Drainage - Organic Soils			
				- Mineral Soils			
				Springs			
				Tributary(s)			
				Wetland			
Other - Specify:				Other - Specify:			
Physical							
Bank Erosion		N					
Channelization: - Upstream		N					
- Downstream		N					
Hydraulic Scour / Channel Incision		N					
Impoundment: - Upstream		N					
- Downstream		N					
Low Flow		N					
Sedimentation		PL					
Sludge		N					
Thermal		N					
Turbidity		N					
Other - Specify:							

Comments

streambed gravel & sand

Special Instructions for Laboratory

middle of wetland
 mottled sculpin found

For Lab Use Only

Sample Sorter Undlin, Dylan	Taxonomist Dimick, Jeffray	Estimated Percent of Sample Sorted 62.5%
Date Processed 3/9/23	Specimens Saved 125 subsample archived in ABC until Apr 2026	

C31
 93 → 19
 91 → 46
 94 →
 92 →

A4
 91 → 25
 92 → 35
 93 →
 94 →

Wisconsin Department of Natural Resources

ABL SampleNum: 20191024-70-05

Taxonomist: Dimick, Jeffrey

Waterbody: Carter Creek

SWIMS Database Key: 287759285

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis boreaneicolor</i>	L		4	Kilb 2016		
<i>Leptophlebia</i>	L	o x	31	MCB 2019	imm	
<i>Cheumatopsyche</i>	L		4	"		
<i>Hydropsyche</i>	L		1	Hils 1985	imm	N
<i>H. betteri</i>	L	/	5	Schmitt's 1966		
<i>Lepidostoma</i>	L		1	MCB 2019		
<i>Ceratoda</i>	L		1	"		
<i>Pyropsyche</i>	L		1	"		
<i>Molanna</i>	L		1	"	imm	
<i>Optipsectus</i>	L		2	"	imm	N
<i>O. fastidiosus</i> L.1 A.1	L/A		2	Hils Schmitt 1992		
<i>Diamesa</i> 0B2B0104	P		2	MCB 2019		N
<i>Orthocladius</i> (<i>Evorthocladius</i>) 0B570001	P		1	"		
<i>Thremmanniella</i> 0B304701	P		1	"		
<i>Hemerodromia</i>	L		1	"		
<i>Simulium vittatum</i> species complex 0B40217	L		2	Alder et al 2004		
<i>Dicranota</i>	L		1	MCB 2019		
<i>Gammarus pseudolimnacus</i>	A	8	47	Hoblinger 1972		
<i>Lumbriculidae</i>	A		1	Thorp 1985 2016	frag	
<i>Hydropsyche</i>	A		4	Beck et al 1990		
split A2 Chironomidae	L	 				
<i>Diamesa</i>	L		1	Alder et al 2013		
<i>Eukiefferella claripennis</i> group	L		4	"		
<i>Parachaetocladius</i>	L	/	5	"		
<i>Parametropneumus</i>	L		2	"		
<i>Cladotanytarsus</i>	L		3	"		
<i>Conchapelopia</i>	L		4	"		
<i>Orthocladius</i> (<i>Orthocladius</i>)	L		2	"		
<i>Thremmanniella xera</i>	L		2	Bolton 2012		
<i>Polypedilum</i> (<i>Uresipidulum</i>) <i>aviceps</i>	L		1	"		

< 3 taxa, TVAL ≤ 2.0