

201910240101

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name UNNAMED		Waterbody ID Code 1375100	Sample ID (YYYYMMDD-CY-FD) Macroinvertebrate 10240101
Sampling Location 10 M West of 4th Ave		Database Key 210950215 287759420	
SWIMS Station ID 10009558		SWIMS Station Name BUCKNER CREEK - 4TH AVE (SITE 13)	
Latitude 44.14129	Longitude -89.658295	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) CENTRAL WISCONSIN		Watershed Name BIG ROCHE A CRI CREEK	County ADAMS

Sample and Site Descriptors	
Sample Collector (Last Name, First) MICHAEL MILLER	Project Name CENTRAL SANDS INFLUENCE OF PESTICIDES ON MACROINVERTEBR <i>ATIE ASSEMBLAGES IN STREAMS (2019)</i>

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) 1.5	Number of Samples in Composite 1	Replicate No. _____ of _____
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: _____

Water Temp. (C) 8.9	D.O. (mg/l) 8.99	D.O. (% sat.) 77.6	pH (su) 7.79	Conductivity (umhos/cm) 300.8	Transparency (cm) 122 +
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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)

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.2	Average Stream Width of reach (m) 4
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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: **90%**
 Aquatic Macrophytes: _____ Leaf Snags: **10%** 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				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:		N	
				Pasturing of Livestock		N	
Physical				Runoff: - Barnyard			
Bank Erosion				- Construction			
Channelization: - Upstream				- Cropland		P	
- Downstream		P		- Urban			
Hydraulic Scour / Channel Incision				Septic Systems			
Impoundment: - Upstream		N		Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow		N		Springs			
Sedimentation		N		Tributary(s)			
Sludge		N		Wetland			P
Thermal		N		Other - Specify:			
Turbidity		N					
Other - Specify:							

Comments: Agricultural drainage ditch
 Channelized

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter: <i>Raymer, Blake</i>	Taxonomist: <i>Demick, Jeffray</i>	Estimated Percent of Sample Sorted: <i>7.8%</i>
Date Processed: <i>3/2/2023</i>	Specimens Saved: <i>125 subsample archived in ABC until Apr 2025</i>	

*D4: 03:28
 02:25
 04:27*
*B2 04:22
 03:23*
125

