

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED	Waterbody ID Code 5545453	Sample ID (YYYYMMDD-CY-FD) 20210923-45-01
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Sampling Location Above Deer View Rd	Database Key 293164315
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SWIMS Station ID 10054911	SWIMS Station Name TOAD CREEK AT DEER VIEW RD
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Latitude 44.53133	Longitude -88.47333	Lat/Long Determination Method (circle) SWIMS <u>SWDV</u> GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) WOLF RIVER	Watershed Name SHIOC RIVER	County OUTAGAMIE
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Sample and Site Descriptors

Sample Collector (Last Name, First) ANDREW HUDAK	Project Name TOAD CREEK- TWA
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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) 5	Estimated Area Sampled (m²) 8	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: Targeted Watershed Assessment

Water Temp. (C) 13.68	D.O. (mg/l) 9.5	D.O. (% sat.) 92.7	pH (su) 7.4	Conductivity (umhos/cm) .731	Transparency (cm) 82
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Water Color <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input checked="" type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.2	Average Stream Width of reach (m) 3
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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: 80 Overhanging Vegetation: _____
 Aquatic Macrophytes: 20 Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) - **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				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:			
Physical				Pasturing of Livestock			
Bank Erosion				Runoff: - Barnyard			
Channelization: - Upstream				- Construction			
- Downstream				- Cropland			
Hydraulic Scour / Channel Incision				- Urban			
Impoundment: - Upstream				Septic Systems			
- Downstream				Tile Drainage - Organic Soils			
Low Flow				- Mineral Soils			
Sedimentation				Springs			
Sludge				Tributary(s)			
Thermal				Wetland			
Turbidity				Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Katherine McClure	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 17.2%
Date Processed 6/21/22	Specimens Saved Subsample archived in ABL until Sept 2025	

A292:12 D494:13 11
 A294:8 D493:20 10
 A291:9 D491:9 12
 A293:24 D492:8

(145)

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Callibaetis	L	xiii	13	MCB 2019	dam/imm	
Caenis	L	i	1	"	imm	N
C. dimorpha	L	x	10	Kuh 2016		
Coenagrionidae	L	iii	3	MCB 2019	imm	
Belostoma flumineum	A	iiii	4	Hils 1984a		
Trichocorixa sexcincta	A	iii	3	"		
Neophaea striola	A	iiii	5	Hils 1995		
Desmopachria convexa	A	i	1	Kars et al 2000		
Laccophilus maculosus	A	i	1	"		
Liobassus	L	ii	2	"		
Dubiraphra	L	i	1	MCB 2019		
Haloptilus	L	i	1	"		
Peltodytes edentulus	A	ii	2	vanWentel 2021		
Procladius (Holelanyms)	P	i	1	MCB 2019		
Corynoiceta	P	iii	3	"		N
Cricotopus (Cricotopus)	P	i	1	Wieder 1986	dam	N
Tanytarsus	P	i	1	MCB 2019		N
Anopheles	L	i	1	"		
Simulium vittatum species complex 08110217	L	i	1	Adl et al 2004		
Craunonyx	A	i	1	ThorpPos 2016	imm	
Caecidotea racovitzai racovitzai	A	iii	3	Will 1972		
Ecnobdellidae	A	i	1	ThorpPos 2016	dam	
Helobdella	A	i	1	"	dam	
Physa	A	iii	3	"		
Gyrinus	A	80+	65	"	dam	N
G. deflexus	A	iii	3	"		
G. hibernensis	A	x	10	"		
Sphaerium	A	ii	2	"	imm	
Naididae	A	80-100	89	KathBirn 1998		Y
Ophidonais serpentina	A	ii	2	"		
Silyberia lacustris	A	x	15	"		
Tubificidae (with hairs)	A	i	1	"		Y
Tubificidae (without hairs)	A	ii	2	"		Y
Daphniidae	A	364	364	"		
Cyclopidae	A	250	250	"		
Harpacticoida	A	i	1	"		

< 3 taxa, TUALS2.0

