

Instructions: **Bold** fields must be completed.

Station Summary

Waterbody Name JERICHO CREEK		Waterbody ID Code 768300	Sample ID (YYYYMMDD-CY-FD) 20211005-68-05
Sampling Location ① CTH LO		Database Key 290019599	
SWIMS Station ID 683299	SWIMS Station Name JERICHO CREEK AT CTH LO		
Latitude 42.85907	Longitude -88.43263	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) FOX (IL)		Watershed Name MUKWONAGO RIVER	County WAUKESHA

Sample and Site Descriptors

Sample Collector (Last Name, First) RACHEL A SABRE, AMANDA SCHMITZ	Project Name MUKWONAGO RIVER TWA- 01_2021
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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) 2m	Estimated Area Sampled (m²) 1m ²	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: _____

Water Temp. (C) 4.0	D.O. (mg/l) —	D.O. (% sat.) —	pH (su) 7.50	Conductivity (umhos/cm) 993.2	Transparency (cm) 120
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Water Color <input checked="" type="checkbox"/> Clear <input 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) .2m	Average Stream Width of reach (m) 5m
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 55
 Sand: _____ Clay: _____ Silt/Muck: 5 Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: 10 Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) 20 **Canopy Cover at Sample Site (%)** 10

20211105-68-05
 Station #683299
 1 of 1, Jericho Creek @ CTH LO
 WBIC #768300
 Rachel Sabre
 Mukwonago TWA_01_2021

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 <i>Katherine McClure</i>	Taxonomist <i>Dinick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>37.5%</i>
Date Processed <i>7/23/2022</i>	Specimens Saved <i>Subsample archived in ABC until Sept 2025</i>	

C494:4 A393:2 D393:7 B494:5 A494:10 C393:3
C492:7 A394:5 D391:8 B492:8 A491:6 C391:8
C491:6 A392:6 D394:10 B491:4 A492:1 C392:1
C493:5 A391:2 D392:4 B493:6 A493:5 C394:4

(127)

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Mesocricetomys vicarius</i>	L III	III	3	Kleb 2016		
<i>Calopteryx</i>	L II	II	2	MCB 2019	imm	
<i>Taeniopteryx</i>	L IX-XII	IX-XII	57	"	imm	
<i>Chenopodysyne</i>	L XIII	XIII	13	"		
<i>Macronychus glabratus</i>	L I	I	1	Hils 1995		
<i>Optioserrus</i>	L X-XI	X-XI	17	MCB 2019	imm	N
<i>O. fastiditus</i>	L X-XI	X-XI	17	Hils Schm 1997		
<i>Stenelmis</i>	L III	III	3	MCB 2019		N
<i>S. crenata</i>	A III	III	3	Hils Schm 1992		
<i>Corynoeura</i>	P I	I	1	MCB 2019		N
<i>Cricotopus (Cricotopus)</i>	P I	I	1	Plüweder 1986		N
<i>Orthocladus (Orthocladus)</i>	P II	II	2	"		N
<i>Hemodromia</i>	L II	II	2	MCB 2019		
<i>Simulium vittatum species complex 0810217</i>	L I	I	1	And et al 2004		
<i>Anobchia</i>	L III	III	4	MCB 2019		
<i>Naidinae</i>	A II	II	2	Kath Bon 1998		
<i>Speroniidae</i>	A I	I	1	Peck et al 1990		
<i>Spitta</i>	L III	III	3	"	"	"
<i>Chironomidae</i>	L III	III	3	"	"	"
<i>Brillia</i>	L II	II	2	And et al 2019	imm	N
<i>B. flavifrons</i>	L II	II	2	Epler 2001		
<i>Corynoeura</i>	L I	I	1	And et al 2013		
<i>Parametriocnemus</i>	L XIII	XIII	9	"		
<i>Chironomus</i>	L III	III	4	"		
<i>Chadotanytarsus</i>	L IV	IV	5	"		
<i>Zenotanytarsus</i>	L III	III	4	"		
<i>Procladius (Helotanytus)</i>	L I	I	1	"		
<i>Chaetocladius piger group</i>	L III	III	4	"		
<i>Cricotopus (Cricotopus)</i>	L I	I	1	"		N
<i>C-(C) tremulus group</i>	L II	II	2	"		
<i>Orthocladus (Orthocladus)</i>	L XI	XI	11	"		
<i>Parametriocnemus</i>	L I	I	6	"		
<i>Thremamnicella xena</i>	L I	I	1	Bolton 2012		
<i>Meaonsectra</i>	L II	II	2	And et al 2013		
<i>Microtendipes pedellus group</i>	L I	I	1	"		
<i>Paratanytarsus longistylus</i>	L I	I	1	"		
<i>Phaenosectra obdurens</i>	L II	II	2	Bolton 2012		

< 3 taxa, TVAL ≤ 2.0

