

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name <u>Unnamed Creek</u>		Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD) 20171031-65-01
Sampling Location			Database Key 150685734
SWIMS Station ID 10044913		SWIMS Station Name UNNAMED TRIB OF TURTLE CREEK AT COUNTY HIGHWAY O	
Latitude 42.6574	Longitude -88.6284	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER ROCK		Watershed Name TURTLE CREEK	County WALWORTH

Sample and Site Descriptors	
Sample Collector (Last Name, First) RACHEL SABRE	Project Name TURTLE CREEK TWA 2017

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) <u>1 min</u>	Estimated Area Sampled (m ²) <u>1 m²</u>	Number of Samples in Composite <u>1</u>	Replicate No. <u>1</u> of <u>1</u>
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Reason For Sampling

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

Water Temp. (C) <u>7.64</u>	D.O. (mg/l) <u>11.16</u>	D.O. (% sat.) <u>95.1</u>	pH (su) <u>6.97</u>	Conductivity (umhos/cm) <u>832.3</u>	Transparency (cm) <u>95</u>
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Water Color <input checked="" 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 <u>—</u> circle units m/s or f/s	Average Stream Depth of reach (m) <u>0.2m</u>	Average Stream Width of reach (m) <u>3m</u>
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 20
 Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 50
 Aquatic Macrophytes: _____ Leaf Snags: 10 Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 30% Canopy Cover at Sample Site (%) 20%

Unnamed Trib of Turtle Creek @ Hwy O
 Sample # 20171031-65-01
 Station # 10044913
 Rachel Sabre
 1 of 1

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				- Cropland			
- Downstream				- Urban			
Hydraulic Scour / Channel Incision				Septic Systems			
Impoundment: - Upstream				Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow				Springs			
Sedimentation				Tributary(s)			
Sludge				Wetland			
Thermal				Other - Specify:			
Turbidity							
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Bruce Gagliardi</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted 20%
Date Processed 4/30/18	Specimens Saved subsample archived in ABLundell Jul 2021	

C249
 A353
 B336
 133

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis tricaudatus</i>	L	I	1	Kieberhanz 2016		
<i>Stenacron</i>	L	-	5	"	imm	N
<i>S. interpunctatum</i>	L	IIII	4	"		
<i>Chevmatopsyche</i>	L	I	1	Hilsenhoff 1995		
<i>Hydropsyche betteni</i>	L	I	1	Schm. Hils. 1986		
Limnephilidae	L	I	1	Hilsenhoff 1995		
<i>Oligostomis ocelligera</i>	L	II	2	"		
Lepidoptera	L	I	1	Cross, Daly 2008		
<i>Dicranophya</i>	L	-III	8	Hils., Schm. 1992		
<i>Optioservus</i>	L	XII	12	"	imm	N
<i>O. fastidiosus</i>	L	IIII	4	"		
<i>Neoporus undulatus</i>	A	I	1	Hilsenhoff 1995a		
<i>Mallochobolea</i>	L	I	1	Hilsenhoff 1995		
<i>Neoplasta</i>	L	II	2	Court. Merr. 2008		
<i>Gammarus pseudolimnaeus</i>	A	0-1	26	Wolfsinger 1972		
Coccidatea	A	II	2	Williams 1972	imm	
<i>Belestoma flumineum</i>	A	I	1	Hilsenhoff 1984a		
<i>Entomobryomorpha</i>	A	IIII	4	Christ., Srid. 2008		
tribicoid Naididae w/o hairs	A	I	1	Ersev, et al 2008		
<i>Physa</i>	A	I	1	Brown 1991		
Split A3 Chironomidae	L	IIII + III				
<i>Zarelimyia</i>	L	-III	9	Silva, Ekren 2015		
<i>Boillia</i>	L	I	1	Ander + 3 2013	mt indet	
<i>Corynocheilus</i>	L	I	1	"		
<i>Heterotrissocladius</i>	L	I	1	"		
<i>Parametridiometus</i>	L	I	1	"		
chironomine 08330000	L	L	1	Crawston 2013	mt indet	N
<i>Chironomus</i>	L	I	1	Epler et al 2013		
<i>Cryptochironomus</i>	L	-	5	"		
<i>Dicranotendipes</i>	L	I	1	"		
<i>Micropsectra</i>	L	-II	7	"		
<i>Microtendipes pedellus</i> group	L	II	2	"		
<i>Paratendipes</i>	L	I	1	"		
<i>Paratanytarsus</i> sp-A	L	-	5	Hils. unpubl.		
P- sp. B	L	II	2	"		
<i>Paratendipes</i>	L	X-III	19	Epler et al 2013		

