

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name UNNAMED		Waterbody ID Code 793100	Sample ID (YYYYMMDD-CY-FD) 20171024-65-02
Sampling Location			Database Key 150685706
SWIMS Station ID 10014362		SWIMS Station Name UNNAMED-CTH P BRIDGE UPSTREAM 183 M TO END	
Latitude 42.6356	Longitude -88.6551	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)	Estimated Area Sampled (m <sup>2</sup> )	Number of Samples in Composite	Replicate No. _____ of _____
---------------------------	--	--------------------------------	------------------------------

Reason For Sampling

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

Water Temp. (C) 13.42	D.O. (mg/l) 10.23	D.O. (% sat.) 100.7	pH (su) 7.42	Conductivity (umhos/cm) 703.5	Transparency (cm) 110
--------------------------	----------------------	------------------------	-----------------	----------------------------------	--------------------------

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 type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
---	--

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.3m	Average Stream Width of reach (m) 8m
---	---	---

Composition of Substrate Sampled (Percent):

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 40  
 Sand: 20 Clay: \_\_\_\_\_ Silt/Muck: 10 Overhanging Vegetation: 10  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: \_\_\_\_\_ Other (\_\_\_\_): \_\_\_\_\_

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

Unnamed Trib @CTH P US 183 Mto Dam  
 Sample # 20171024-65-02  
 Station # 10014362  
 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
<b>Biological</b>			<b>Chemical</b>				
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:				<b>Sources of Stream Impacts</b>			
				Bank Erosion			
				Point Source - Specify:			
				Pasturing of Livestock			
<b>Physical</b>				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>Jan Amarche</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>130/10</i>
Date Processed <i>4/28/18</i>	Specimens Saved <i>Subsample archived in ABL under 1 Jul 2021</i>	

*E1 D2*  
*80 104*



Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Cheumatopsyche	L	III	4	Hilsenhoff 1995		
Hydropsyche	L	III	4	"	imm	N
H. beffeni	L	0r	25	Schm, Hils. 1986		
Ceratopsyche	L	I	1	Hilsenhoff 1995	imm	N
C. bronch	L	II	2	Schm, Hils. 1986		
Chimarra obscura	L	80r	65	Hilsenhoff 1992		
Optensevus	L	II	2	Hils, Schm. 1992	imm	N
O. fastidios	L	II	2	"		
Stenelmis	L	X-III	18	"		N
S. crenata	A	I	1	"		
Psephenus herricki	L	I	1	"		
Heurodromia	L	X-1	16	Count, Merr. 2008		
Neoplasta	L	I	1	"		
Simulium vittatum species complex 08110217	L	X	10	Adler et al 2004		
Gammarus pseudolimnensis	A	II	3	Holsinger 1972		
Tricladida	A	II	2	Thorp, Rogers 2016		N
Dugesiiidae	A	XIII	14	Norena et al 2016		
Aphidicoid Naididae	A	I	1	Esser et al 2008	post frag	
Ephedella punctata punctata	A	II	2	Klemm 1985		
Hydrobiidae NOT P-antipodarum	A	I	1	Brown 1991		
Pisidium	A	II	2	Burch 1972		
<del>Spitt 3 Chironomidae</del>	L	II-III				
Thienemannimyia group	L	I	1	Cran Epler 2013	imm	
Eukiefferiella claripennis group	L	I	1	Ander. + J 2013		
Tvetenia discoloripes group	L	II	2	Bode 1983		
Cricotopus (Cricotopus) bicinctus group	L	II	2	Ander. + J 2013		
Chironomine 08330000	L	I	1	Cranston 2013	mid indet	X
Microdendipes pedellus group	L	II	2	Epler et al 2013		
Paratanytarsus sp A	L	I	1	Hils popul		
Polypedilum (Uresipedilum) flavum	L	X-1	16	Bolton 2012		
Rhytanytarsus	L	II	3	Epler et al 2013		

<3 taxa, TVAL < 2.0