

Instructions: Bold fields must be completed.

Station Summary						
Waterbody Name UNNAMED			Waterbody ID Code 859200		Sample ID (YYYYMMDD-CY-FD) 20191009-14-07	
Sampling Location 10 m upstream CTH R					Database Key 212668386	
SWIMS Station ID 10014395		SWIMS Station Name UNNAMED TRIB (859200) TO WILDCAT CRK AT CTH R				
Latitude 43.37051	Longitude -88.54366	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>			Datum Used if using GPS <u>WGS84</u> or NAD83	
Basin (WMU) UPPER ROCK		Watershed Name SINISSIPPI LAKE			County DODGE	
Sample and Site Descriptors						
Sample Collector (Last Name, First) AMRHEIN, JAMES				Project Name WILDCAT CREEK (DODGE CO) TWA 2019		
Sampling Device						
<input checked="" type="checkbox"/> D-Frame Kick Net <input type="checkbox"/> Surber Sampler <input type="checkbox"/> Eckman <input type="checkbox"/> Ponar <input type="checkbox"/> Artificial Substrate <input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____						
Habitat Sampled						
<input type="checkbox"/> Riffle <input checked="" type="checkbox"/> Run <input type="checkbox"/> Pool <input type="checkbox"/> Other <input type="checkbox"/> Shoreline Composite <input type="checkbox"/> Proportionally-Sampled Habitat <input type="checkbox"/> Littoral Zone <input type="checkbox"/> Profundal Zone <input type="checkbox"/> Wetland						
Total Sampling Time (min) 1	Estimated Area Sampled (m ²) 1	Number of Samples in Composite 1			Replicate No. _____ of _____	
Reason For Sampling						
<input type="checkbox"/> Least Impacted Reference <input checked="" type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input type="checkbox"/> Trend <input type="checkbox"/> Other: _____						
Water Temp. (C) 14.1	D.O. (mg/l) 6.94	D.O. (% sat.) 68.5	pH (su)	Conductivity (umhos/cm)	Transparency (cm)	
Water Color <input 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)		Average Stream Width of reach (m)		
Composition of Substrate Sampled (Percent):						
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): _____		Gravel (ladybug to tennisball): _____
Sand: _____		Clay: _____		Silt/Muck: _____		Overhanging Vegetation: <u>20</u>
Aquatic Macrophytes: <u>10</u>		Leaf Snags: <u>40</u>		Coarse Woody Debris: <u>30</u>		Other (____): _____
Embeddedness of Substrate at Sample Site (%) <u>N/A</u>				Canopy Cover at Sample Site (%) <u>90</u>		

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

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Kiersten Czarnecki</i>	Taxonomist <i>Dimick Jeffray</i>	Estimated Percent of Sample Sorted <i>93%</i>
Date Processed <i>02/17/2020</i>	Specimens Saved <i>subsample archived in ABL until Jul 2023</i>	

A2: 13 specs
D3: } 32
B2
E1: }
10 + 12
E2: }
D1: }
B1: }
D2: }
1075 specs
A1: }
C2: }
B3: }
C1: }
E3: }
A3: }
57
164 specs

Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Colopteryx</i>	L	I	1	West May 2006	imm	N
<i>C. aquabilis</i>	L	I	1	"		
<i>C. maculata</i>	L	I	1	"		
Coenacroniidae <i>(Genus/Epilob)</i>	L	I	1	"	imm	
<i>Cheumatopsyche</i>	L	I	1	Hils 1995		
<i>Elophila</i>	L	II	2	Merrillum Berg 2019		
Lepidoptera	P	I	1	"		N
<i>Culicoides</i>	L	III	3	Hils 1995		
Diptera <i>(Ephydrid?)</i>	P	III	4	Merrillum Berg 2019		Y
<i>Aedes</i>	P	I	1	"		
<i>Thienemannella</i>	P	II	2	"		
<i>Caecotea intermedia</i>	A	88xIII	43	Will 1972		
Cyclopidae	A	III	4	Thorp Reg 2016		
Tubificinae (without hairs)	A	xIII	14	Klemm 1985		Y
Tubificinae (with hairs)	A	x	10	"		Y
Lumbricidae <i>Lumbriculus</i>	A	II	2	Thorp Reg 2016		
<i>Megadrilli = Metasynophora</i>	A	I	1	"		
<i>Helobdella</i> <i>(H. sp. 5)</i>	A	III	3	"		
<i>Fossarria</i>	A	II	2	Brown 1991		
Physa	A	-	5	Thorp Reg 2016		
<i>Corydæna</i>	L	-II	8	And+3 2013		
<i>Thienemannella xena</i>	L	xIII	17	Bolton 2012		
Tanyptera 0821000	L	I	1	Cranston 2013	imm	N
<i>Conchapelopia</i> 08210700	L	II	2	CranEpl 2013		
<i>Zarembkomyia</i> 08213000	L	II	2	"		
<i>Hydrobaenus</i>	L	I	1	And+3 2013		
Limnophyes	L	I	1	"		
<i>Metriocnemus</i>	L	I	1	"		
<i>Orthocladius (Orthocladius) oliveri</i>	L	I	1	Bolton 2012		
<i>Chironomus</i>	L	-III	8	Epl et al 2013		
<i>Micropsectra</i>	L	xIII	14	"		
<i>Paraluteternella nigrophallica</i>	L	III	3	"		
<i>Paratanytarsus species A</i>	L	I	1	Hils unpubl		
<i>Paratendipes</i>	L	I	1	Epl et al 2013		
<i>Phaenopsectra obsoletus</i> group	L	I	1	Epler 2001		
<i>Polypedilum (Polypedilum) illinoense</i> group	L	L	1	Epl et al 2013		
<i>Stictochironomus</i>	L	III	4	"		