

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name WILDCAT CREEK		Waterbody ID Code 858600		Sample ID (YYYYMMDD-CY-FD) 20191009-14-06	
Sampling Location <i>100 m upstream CTH R</i>				Database Key 212668382	
SWIMS Station ID 10052328		SWIMS Station Name WILDCAT CREEK AT CTH R			
Latitude <i>43.34991</i>	Longitude <i>-88.59462</i>	Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 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) <i>1</i>	Estimated Area Sampled (m ²) <i>1</i>	Number of Samples in Composite <i>1</i>		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) <i>13.3</i>	D.O. (mg/l) <i>7.6</i>	D.O. (% sat.) <i>70.4</i>	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): <i>50</i>	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): <i>30</i>	
Sand: <i>20</i>		Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____	Coarse Woody Debris: _____	Other (____): _____	
Embeddedness of Substrate at Sample Site (%) <i>10</i>			Canopy Cover at Sample Site (%) <i>50</i>		

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			Factors that may be influencing Water Resource Integrity		
Local	Water-shed		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>Logan Cutler</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>53%</i>
Date Processed <i>2/12/2020</i>	Specimens Saved <i>17 + 20 + 10 + 62 + 14 + 27 = 150</i>	

C3 D2 E3 8/22/01/22/03 82 Total
2.5 hr
subsample archived in ABL under 1 Jul 2023

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
stenacron	L	III	3	Klob 2016	imm	
Ceratopsyche bipata	L	I	1	Schmittils 1986		
C. morosa bifida form	L	III	3	"		
cheumatopsyche	L	-III	11	Hils 1995		
Hydropsyche	L	-III	8	"	dam/imm	n=4, Y
H. batteni	L	XIII	13	Schmittils 1986		
Hydroptila	L	X-II	17	Hils 1986		
Dibriaphia	L	"	2	Hils Schmitt 1992		N
D. minima	A	-III	8	"		
D. quadrinata	A	I	1	"		
Ophiopsyrus	L	-I	6	"	imm	N
O. fastiditus	L, 6	A, 1	7	"		
Stenelmis	L	I	1	"		N
S. crenata	A	I	1	"		
Probezzia	L	I	1	Hils 1995		
Wemerodromia	L	-II	7	Court Merr 2008		
Mermithidae	A	I	1	Thorp 2016	imm	
Dugesidae	A	III	4	"		
Hydridae	A	I	1	"		
Naididae	A	X-I	16	Bernfeld 1991		
Tubificinae (without hairs)	A	-III	8	Klemm 1985		
Spitt A3 Chironomidae	L	I-III				
Thienemannimyia group	L	I	1	Cran Epl 2013	imm	
Cricotopus (Cricotopus) bicaudus group	L	I	1	And+3 2013		
Orthocladius (Orthocladius)	L	I	1	"		
Chironominae 08330000	L	I	1	Cranston 2013	imm	N
Cladotanytarsus	L	I	1	Epl et al 2013		
Dicrotendipes	L	I	1	"		
Microtendipes pedellus group	L	III	4	"		
Paratanytarsus species A	L	II	2	Hils capital		
Polypedilum (Polypedilum) illinoense group	L	II	2	Bolton 2012		
P. (Tripodura) scalanum group	L	II	2	"		
P. (Uresipedilum) flavum	L	II-II	37	"		
Rhopitanytarsus	L	III	3	Epl et al 2013		