

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> UNNAMED	<b>Waterbody ID Code</b> 858700	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20191009-14-05
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<b>Sampling Location</b> 10 m upstream Strange Road	<b>Database Key</b> 212668427
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<b>SWIMS Station ID</b> 10052333	<b>SWIMS Station Name</b> UNNAMED TRIB (858700) AT STRANGE ROAD
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<b>Latitude</b> 43.39650	<b>Longitude</b> -88.57523	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV <u>GPS</u>	<b>Datum Used if using GPS</b> <u>WGS84</u> or NAD83
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<b>Basin (WMU)</b> UPPER ROCK	<b>Watershed Name</b> SINISSIPPI LAKE	<b>County</b> DODGE
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**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> AMRHEIN, JAMES	<b>Project Name</b> WILDCAT CREEK (DODGE CO) TWA 2019
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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

<b>Total Sampling Time (min)</b> 1	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1	<b>Number of Samples in Composite</b> 1	<b>Replicate No.</b> _____ <b>of</b> _____
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**Reason For Sampling**

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

<b>Water Temp. (C)</b> 13.6	<b>D.O. (mg/l)</b> 7.43	<b>D.O. (% sat.)</b> 70.9	<b>pH (su)</b>	<b>Conductivity (umhos/cm)</b>	<b>Transparency (cm)</b>
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<b>Water Color</b> <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <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)
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<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b>	<b>Average Stream Width of reach (m)</b>
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): \_\_\_\_\_ Gravel (ladybug to tennisball): \_\_\_\_\_  
 Sand: \_\_\_\_\_ Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: 100  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: \_\_\_\_\_ Other ( \_\_\_\_\_ ): \_\_\_\_\_  
 Embeddedness of Substrate at Sample Site (%) NA Canopy Cover at Sample Site (%) 30

**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>Kiersten Czarnecki</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>100%</i>
Date Processed <i>02/11/2020</i>	Specimens Saved <i>Subsample archived in ABC until 1/2021</i>	

*D1: 5    A2: 17    24    47    B3: 6    E2: 5    B1: 2    A3:    29 specs    103 specs*  
*A1: 9    D3: 7    C4: 8    C2: 7    B2:    C3:    D2:    E1:    60*

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis brunneicolor	L	1	1	Klub 2016		
Callibaetis	L	III	3	"		
Anax junius	L	I	1	Tennessean 2019		
Calopteryx aquabilis	L	III	3	West May 2006		
C. maculata	L	II	2	"		
Coenagrionidae	L	III	4	"	imm	
Coixidae	L	I	1	Hils 1995	imm	N
Sigara alternata	A	II	2	Hils 1984a		
S. grossolineata	A	-	5	"		
S. mathesoni	A	III	3	"		
Trochocorixa calva	A	II	2	"		
T. sexnotata	A	I	1	"		
Notonecta lunata	A	I	1	"		
Panatra fusca	A	I	1	"		
Hydropsyche betteri	L	I	1	Schm Hils 1986		
Dibriophlebia	L	I	1	Schm Hils 1992		
Laceophilus maculosus	A	II	2	Hils 1992		
Liodessus affinis	A	II	3	Hils 1994		
Walopus immaculicollis	A	I	1	Hils Berg 1978		
Peltodytes edentulus	A	I	1	Hils Berg 1978		
Mesovelia mulsanti	A	I	1	Hils 1986		
Dasyhelea	L	I	1	Hils 1995		
Aedes	P	0)	21	Meier-Gummberg 2019		
Ephedridae	P	II	2	"		
Thienemannella	P	II	2	"		N
Gammarus pseudolimnaeus	A	Bx-III	59	Hils 1972		
Hyalella azteca	A	-III	8	Spick et al 2015		
Caecidotea	A	II	2	Will 1972		
Enchytraeidae	A	I	1	Bornfeld 1991		
Enchytraeidae	A	0-III	23	Thorp Bog 2016		
Tubificonae (without hairs)	A	I	1	Klemm 1985		
Platyhelminthes	A	II	2	Thorp Bog 2016		
Gyrodactylus deflexus	A	I	1	Burch 1989		
Pseudosuccinea columella	A	I	1	Thorp Bog 2016		
Apusca elongata	A	I	1	"		
Physa	A	-III	8	"		
<del>Spizella Chironomidae</del>	L	II	1			

