

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> Wildcat Creek		<b>Waterbody ID Code</b> 858600	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20191017-14-04
<b>Sampling Location</b> 10m upstream w Iowa Road (upper)			<b>Database Key</b> 212667421
<b>SWIMS Station ID</b> 10052584		<b>SWIMS Station Name</b> WILDCAT CREEK AT W IOWA RD (3RD CROSSING FROM INTERSECTION WITH C	
<b>Latitude</b> 43.41379	<b>Longitude</b> -88.49332	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV <u>GPS</u>	<b>Datum Used if using GPS</b> <u>WGS84</u> or NAD83
<b>Basin (WMU)</b> UPPER ROCK		<b>Watershed Name</b> SINISSIPPI LAKE	<b>County</b> DODGE

**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> /	<b>Estimated Area Sampled (m<sup>2</sup>)</b> /	<b>Number of Samples in Composite</b> /	<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> 10.9	<b>D.O. (mg/l)</b> 8.56	<b>D.O. (% sat.)</b> 77.3	<b>pH (su)</b>	<b>Conductivity (umhos/cm)</b>	<b>Transparency (cm)</b>
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**Water Color**      **Estimated Stream Velocity (m/s)**

Clear   
  Turbid   
  Stained     
  Slow (< 0.15 m/s)   
  Moderate (0.15 m/s - 0.5 m/s)   
  Fast (> 0.5 m/s)

<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): 40     
 Gravel (ladybug to tennisball): 40  
 Sand: \_\_\_\_\_     
 Clay: \_\_\_\_\_     
 Silt/Muck: \_\_\_\_\_     
 Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_     
 Leaf Snags: \_\_\_\_\_     
 Coarse Woody Debris: \_\_\_\_\_     
 Other (debris): 20  
 Embeddedness of Substrate at Sample Site (%) 0     
 Canopy Cover at Sample Site (%) 60

**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			
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

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Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Cosh, Natalie</i>	Taxonomist <i>Demrok, Jeffrey</i>	Estimated Percent of Sample Sorted <i>13%</i>
Date Processed <i>2/19/2020</i>	Specimens Saved <i>Subsample archived in ABL until Jul 2023</i>	

*C1 = 69 > 166  
 D2 = 97  
 13*

