

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name WOODLAND CREEK	Waterbody ID Code 859400	Sample ID (YYYYMMDD-CY-FD) 20191017-14-02
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Sampling Location 30 m downstream CTH WS	Database Key 212667474
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SWIMS Station ID 10052332	SWIMS Station Name WOODLAND CREEK AT CTH WS
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Latitude 43.37244	Longitude -88.51951	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS <u>WGS84</u> or NAD83
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Basin (WMU) UPPER ROCK	Watershed Name SINISSIPPI LAKE	County DODGE
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Sample and Site Descriptors

Sample Collector (Last Name, First) AMRHEIN, JAMES	Project Name 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

Total Sampling Time (min) 1	Estimated Area Sampled (m²) 1	Number of Samples in Composite 1	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C) 8.4	D.O. (mg/l) 11.62	D.O. (% sat.) 99.3	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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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 checked="" type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 40 Gravel (ladybug to tennisball): 30
 Sand: 30 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 0
 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
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			
Physical				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>Logan Cutler</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>27%</i>
Date Processed <i>2/18/2020</i>	Specimens Saved <i>40 + 37 + 45 + 43 = 165</i>	

E3 A1 C3 B1 Total
2hr | 1.5hr
Subsample archived in ABL until Jul 2023

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis brunneicolor	L	III	4	Kils 2016		
Stenaron	L	III	3	"	imm	
Allocaenis	L	I	1	Hils 1995		
Hydropsychidae	L	II	2	"	imm	N
Cheumatopsyche	L	8-III	38	"		
Hydropsyche	L	I	1	"	imm	N
H. beuteni	L	II-III	27	Schmidt Hils 1986		
Optioservus	L	2-III	13	Hils Schm 1992	imm	N
O. fastiditus	L, 23	A, 2	25	"		
Stenelmis	L	II	2	"		
Hemerodromia	L	I	1	Courtner 2008		
Simulium	P	III	4	Adl et al 2004		N
S. jenningsi species group	L	II	7	"	imm	
S. tuberosum species complex	L	I	1	"	cyto	
Antocha	L	III	8	Hils 1995		
Dixanota	L	III	4	"		
Gammarus pseudolimnaeus	A	I	1	Hils 1972		
Naididae	A	III	4	Brin Geld 1991		
Tubificinae (without hairs)	A	I	5	Klemm 1985		
Caerapex fuscus	A	I	1	Thorp Treg 2016		
Spitt A3 Chironomidae	L	II				
Thienemanniella xena	L	I	1	Bolton 2012		
Tvetenia baratarica group	L	I	6	Bode 1983		
Microtendipes pedellus group	L	II	3	Epl et al 2013		
Rheotanytarsus	L	III	4	"		
Brillia	L	I	1	And+3 2013	imm	
Cricotopus	L	II	2	"		N
C. (Cricotopus) tremulus group	L	I	1	"		
Orthocladius (Orthocladius)	L	I	5	"		
Parametrocnemus	L	I	1	"		
Polypedilum (Uresipedilum) flavum	L	II	2	Bolton 2012		
Tanytarsus	L	I	1	Epl et al 2013		