

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name LENTZ CREEK	Waterbody ID Code 859600	Sample ID (YYYYMMDD-CY-FD) 20191017-14-06
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Sampling Location 5 m upstream W Iowa Road	Database Key 212667263
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SWIMS Station ID 10052330	SWIMS Station Name LENTZ CREEK AT WEST IOWA ROAD
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Latitude 43.41390	Longitude -88.51775	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 <u>DODGE</u>
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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) 10.2	D.O. (mg/l) 11.5	D.O. (% sat.) 102.3	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 checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input 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): 50
 Sand: 10 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 (%) 0

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>Cosh, Natalie</i>	Taxonomist <i>Domick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>33%</i>
Date Processed <i>2/26/2020</i>	Specimens Saved <i>Subsample archived in ABC (with) Jul 2023</i>	

3B - 22 E3 - 48 A1 - 35
B2 - 19 D1 - 30 154

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Boettia brunnericolor	L	1	1	Klub Zolte		
B. flavistriga species complex	L	1	1	"		
Stenacron	L	II	2	"	imm	
Ceratopsyche slossonae	L	XII	12	SchwHils 1986		
Cheumatopsyche	L	"	2	Hils 1995		
Optioservus	L	"	2	Hils Schw 1992	imm	N
♂ Fastidius 2, 14 A, 1	LA	XI	15	"		
Idemnodromia	L	1	1	Court-Merr 2008		
Ephydriidae	L	1	1	"		
Antocha	L	III	3	Hils 1995		
Dicranota	L	1	1	"		
Gammarus pseudolimnaceus	A	BBS-1	116	Hols 1972		
Caecidotea	A	1	1	Will 1972	imm	
Leberhia	A	"	2	Pirchimo 1964		
no Clavonemidae larvae in subsample JSD						