

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name OLIVER CREEK		Waterbody ID Code 859000	Sample ID (YYYYMMDD-CY-FD) 20191009-14-04
Sampling Location <i>10 m downstream private road - Strange Rd</i>		Database Key 212668308	
SWIMS Station ID 10052331		SWIMS Station Name OLIVER CREEK AT PRIVATE DRIVE OFF STRANGE RD	
Latitude <i>43.40322</i>	Longitude <i>-88.56164</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

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) <i>1</i>	Estimated Area Sampled (m ²) <i>1</i>	Number of Samples in Composite <i>1</i>	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C) <i>14.2</i>	D.O. (mg/l) <i>9.57</i>	D.O. (% sat.) <i>92.5</i>	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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Water Color <input type="checkbox"/> Clear <input checked="" 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): _____ Gravel (ladybug to tennisball): *10*
 Sand: *90* Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) *10* 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

2A = 20 2E = 22 63 ~~3D~~ 1A = 3:15 Total = 136
 1D = 21 3A, 2B = 54 110 3B = 19 ~~2D~~ =

For Lab Use Only

Sample Sorter MURPHY Steinhilber	Taxonomist Dimock, Jeffrey	Estimated Percent of Sample Sorted 40%
Date Processed 2/10/2020	Specimens Saved Subsample archived in ABL until Jul 2023	

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis brunneicolor	L	I	1	Kleb 2016		
Hydropsychidae	L	I	1	Hils 1995	imm	N
Ceratopsycha slossonae	L	I	1	Schmitt-Hils 1986		
Cheumatopsyche	L	I	1	Hils 1995		
Hydropsyche betteri	L	-II	7	Schmitt-Hils 1986		
Neophylax	L	I	1	Hils 1995	imm	
Lepidostoma	L	I	1	"		
Dubiraphia	L	-III	8	Hils Schmitt 1992		N
D. grandinotata	A	I	1	"		
Opioideservus	L	0-III	28	"	imm	N
O. fastidiosus	LA	-III	9	"		
Stenelmis	L	III	4	"		N
St. crenata	A	-II	7	"		
Hemerodromia	L	"	2	Court Merr 2008		
Neoplasta	L	I	1	"		
Chrysops	L	-	5	Hils KIPS		
Dicranota	L	I	1	"		
Gammarus pseudolimnaeus	A	X-III	18	Hils 1972		
Caecidpica intermedia	A	X	10	Will 1972		
Mermithidae	A	I	1	Thorp Reg 2016	imm	
Tubificinae (without hairs)	A	XII	13	Klemm 1985		Y
Tubificinae (with hairs)	A	I	1	"		Y
Megadrili = Metasynophora	A	I	1	Thorp Reg 2016		
Actinobdella inequiannulata	A	I	1	Klemm 1985		
Physa	A	-	5	Thorp Reg 2016		
Thienemannimyia group	L	I	1	Cranepf 2013	imm	
Parametropneumus	L	I	1	Andt 3 2013		
Cladotanytarsus	L	"	2	Epl et al 2013		
Paratanytarsus species A	L	-	5	Hils unpubl		
Paratenidipes	L	I	1	Epl et al 2013		
Polypedilum (Polypedilum) silinaense group	L	I	1	Bolton 2012		
Izchotanytarsus	L	XIII	14	Epl et al 2013		
Stictochironomus	L	I	1	"		