

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED	Waterbody ID Code 1201100	Sample ID (YYYYMMDD-CY-FD) 20171101-42-10
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Sampling Location 5m US of Landmark Ave bridge	Database Key 149819282
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SWIMS Station ID 10020775	SWIMS Station Name CREEK 28-8 ST. 5 1500FT DOWNSTREAM OF LANDMARK AVE.
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Latitude 43.837376	Longitude -90.6527	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) LOWER WISCONSIN	Watershed Name UPPER KICKAPOO RIVER	County MONROE
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Sample and Site Descriptors

Sample Collector (Last Name, First) CAMILLE BRUHN	Project Name TRI CREEKS WATERSHED TWA 2017
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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) 0.5 min	Estimated Area Sampled (m²) 1	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: Moore - Tri Creeks TWA

Water Temp. (C) 6.66	D.O. (mg/l) 12.03	D.O. (%sat.) 98.4	pH (su) 8.46	Conductivity (umhos/cm) 631	Transparency (cm) 51
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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 checked="" 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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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.15	Average Stream Width of reach (m) 1.5
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 60 Gravel (ladybug to tennisball): 30

Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 5
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	N	N	Chlorine	U	U
- Filamentous Algae	N	N	Dissolved Oxygen	U	U
- Planktonic Algae	N	N	Nutrients (P, N...)	U	U
Iron Bacteria	PL	N	Toxics: - Inorganic (Metals)	U	U
Macrophytes	N	N	- Organic (PCBs, pesticides...)	U	U
Slimes	N	N	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	N	PL
			Point Source - Specify:	N	N
Physical			Pasturing of Livestock	N	PL
Bank Erosion	N	PL	Runoff: - Barnyard	N	U
Channelization: - Upstream	N	N	- Construction	N	N
- Downstream	N	N	- Cropland	PL	PH
Hydraulic Scour / Channel Incision	N	N	- Urban	N	N
Impoundment: - Upstream	N	N	Septic Systems	U	U
- Downstream	N	N	Tile Drainage - Organic Soils	U	U
Low Flow	N	N	- Mineral Soils	U	U
Sedimentation	PL	N	Springs	U	U
Sludge	N	N	Tributary(s)	PL	PL
Thermal	U	U	Wetland	N	U
Turbidity	N	N	Other - Specify:		
Other - Specify:					

Comments *Sampled riffle 5m US of bridge. looks like old pasture area currently not used.*

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Taylor Herz</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>20%</i>
Date Processed <i>5-7-18</i>	Specimens Saved <i>subsample archived in dbe until Aug 2021</i>	

*C2: 45
 D3: 61
 C1: 69
 175*

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis bismaculatus</i>	L	III	3	Klun 2016		
<i>B. tricaudatus</i>	L	XIII	13	"		
<i>Brachycentrus occidentalis</i>	L	XI	11	Hils 1985		
<i>Glossosoma intermedium</i>	L	IIII	4	Wyant Mer 2000		
<i>Cheumatopsyche</i>	L	III	5	Hils 1985		
<i>Hydropsyche beuteni</i>	L	-II	7	Schm Hils 1986		
<i>Hydropsychidae</i>	L	I	1	Hils 1985	dam	N
<i>Dipterona modesta</i>	L	-	5	"		
<i>Ceratopsyche glossonae</i>	L	XII	16	Schm Hils 1986		
<i>Phlebotomus</i>	L	I	1	Hils 1985		
<i>Ophiocercus</i>	L	XIII	13	Hils Schm 1992	imm	N
<i>O. fastidius</i> L. 4 A. 9	LA	XII	13	"		
<i>Hemerodromia</i>	L	III	3	Wyant Mer 2008		
<i>Ephydriidae</i>	P	I	1	Merri Webb 2008		
<i>Simulium vittatum</i> species complex OB110218	L	I	1	Adler et al 2004		
<i>Dicraneta</i>	L	I	1	Hils 1985		
<i>Gammarus pseudolimnoides</i>	A	8-	35	Hils 1972		
<i>Hydrobates</i>	A	I	1	Pluck 1984		
<i>Naididae</i>	A	I	1	Erse Gust 2002		
<i>Tubificoides</i> Naididae w/o hairs	A	III	3	Erse et al 2008		
Spind A3 Chironomidae	L	(N/A)				
<i>Conchapelopia</i>	L	I	1	Coxn Epler 2013		
<i>Meropelopia</i>	L	IIII	4	"		
<i>Zavelimyia</i>	L	I	1	"		
<i>Brillia</i>	L	II	2	And + 3 2013	imm	
<i>Eukiefferiella claripennis</i> group	L	I	1	"		
<i>Parametrioicnemus</i>	L	XI	15	"		
<i>Tsetenia bavarica</i> group	L	I	1	Bode 1983		
<i>Chironominae</i> OB330000	L	I	1	Cranston 2013	mt incl	N
<i>Microsectra</i>	L	II	2	Epl et al 2013		
<i>Paratanytarsus longistylus</i>	L	I	1	"		
<i>Polypedilum (Vesipedilum) aviceps</i>	L	-II	7	Bolton 2012		
<i>Rhytanytarsus</i>	L	I	1	Epl et al 2013		

>3 taxa, TVAL ≤ 2.0

33 > (0.1 x 167)