

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name UNNAMED	Waterbody ID Code 5034155	Sample ID (YYYYMMDD-CY-FD) 20191017-14-07

Sampling Location 1 m downstream CTH QQ	Database Key 212666645
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SWIMS Station ID 10052745	SWIMS Station Name UNNAMED TRIB (WBIC: 5034155) TO CRAWFISH RIVER AT CTH QQ
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Latitude 43.21357	Longitude -88.86077	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 LOWER CRAWFISH RIVER	County DODGE
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Sample and Site Descriptors

Sample Collector (Last Name, First) AMRHEIN, JAMES	Project Name SOUTH DISTRICT NC STREAM STRATIFIED SITES 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) /	Number of Samples in Composite /	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C) 10.0	D.O. (mg/l) 6.36	D.O. (% sat.) 53.6	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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Water Color	Estimated Stream Velocity (m/s)
<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained	<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)

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): _____
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 100
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____
 Embeddedness of Substrate at Sample Site (%) N/A 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			Factors that may be influencing Water Resource Integrity		
Local	Water-shed		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:	
Physical				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 *NC - 314
 Deep - backed up from Crawfish River*

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Logan Cutler</i>	Taxonomist <i>Dimock, Jeffrey</i>	Estimated Percent of Sample Sorted <i>47%</i>
Date Processed <i>10/8/2020</i>	Specimens Saved <i>126 subsample archived in ABL until Nov 2023</i>	

6 17 9 16 24 23 31
 D1 E3 C1 A1 C2 A2 E2 D2 A2

*2.7 hrs
 0.6 hrs*

Wisconsin Department of Natural Resources
 ABL SampleNum: 20191017-14-07
 Taxonomist: Dimick, Jeffrey

rbody: Unnamed Tributary (5034155) to Crawfish River
 SWIMS Database Key: 212666645

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Callibaetis	L	x11	12	Merrillum B 2019	devel/imm	N
C. ferrugineus	L	1	1	Klob 2016		
Caenis diminuta	L	III	4	"		
Ceragrionidae <u>Ceragrionidae</u>	L	xIII	14	Merrillum B 2019	imm	N
Enallagma	L	II	2	"	imm	
Ischnura verticalis	L	III	3	West May 2005		
Corixidae	A	♂11	32	Merrillum B 2019	imm	N
Syrax grossolineata	A	1	1	Hils 1984a		
Tropocorixa calva	A	♂11	32	"		
Hydroptila	L	III	3	Merrillum B 2019		
Traxenodes marginatus	L	1	1	Colver 1996		
Lamphelidae	L	1	1	Merrillum B 2019	imm	Y
Platycentropus	L	1	1	"	imm	
Coptotomus loticus	A	1	1	Hils 1983		
Liodesus affinis	A	1	1	Hils 1984		
Haloptilus immracilicollis	A	1	1	Hils Berg 1978		
Peltodytes edentulus	A	II	1	"		
Cricotopus (Cricotopus)	P	1	1	Wieder 1986		N
Orthocladius (Orthocladius)	P	1	1	"		N
Aedes	L	1	1	Merrillum B 2019		
Odontomyia	L	II	2	"		
Nyalia azteca	A	1	1	Savick et al 2015		
Sminthuridae	A	1	1	Merrillum B 2019		
Fossaria	A	1	1	Thorp Gov 1991		
Gyrinus	A	1	1	Thorp Reg 2016	dam	
Split A2 Oncometridae	L	xVII-III				
Cricotopus (Cricotopus) bromatus group	L	I	1	And et al 2013		
Hydrobaenus	L	-II	7	"		
Orthocladius (Orthocladius) oliveri	L	III	4	Bolton 2012		
Thienemannella xena	L	1	1	"		
Endochironomus nigricans	L	II	2	"		
Paratanytarsus species B	L	1	1	Hils unpubl		