

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name UNNAMED	Waterbody ID Code 1453200	Sample ID (YYYYMMDD-CY-FD) 20171018-37-03
Sampling Location UIS Culvert ~15m		Database Key 149819262

SWIMS Station ID 10029421	SWIMS Station Name UNNAMED TRIB TO LITTLE RIB RIVER AT NORTH LANE RD		
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) CENTRAL WISCONSIN	Watershed Name LITTLE RIB RIVER	County MARATHON	

Sample and Site Descriptors	
Sample Collector (Last Name, First) MYCAL RALEIGH	Project Name WCR LONG-TERM TREND WADEABLE REFERENCE STREAMS

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) 1min	Estimated Area Sampled (m ²) 1.5m ²	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: _____

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	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 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) .15	Average Stream Width of reach (m) 2
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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 (%) 10 Canopy Cover at Sample Site (%) 10

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	U	Chlorine		X1	U
- Filamentous Algae		N	U	Dissolved Oxygen		N	U
- Planktonic Algae		N	U	Nutrients (P, N...)		N	U
Iron Bacteria		N	U	Toxics: - Inorganic (Metals)		N	U
Macrophytes		N	U	- Organic (PCBs, pesticides...)		U	U
Slimes		N	U	Other - Specify:			
Other - Specify:				Sources of Stream impacts			
				Bank Erosion		N	U
				Point Source - Specify:			
Physical				Pasturing of Livestock		N	U
Bank Erosion		X1	U	Runoff: - Barnyard		N	U
Channelization: - Upstream		N	U	- Construction		U	U
- Downstream		N	U	- Cropland		N	U
Hydraulic Scour / Channel Incision		N	U	- Urban		N	N
Impoundment: - Upstream		N	U	Septic Systems		U	U
- Downstream		N	U	Tile Drainage - Organic Soils		U	U
Low Flow		N	U	- Mineral Soils		U	U
Sedimentation		N	U	Springs		U	U
Sludge		U	U	Tributary(s)		U	U
Thermal		N	U	Wetland		U	U
Turbidity		U	U	Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Kiersten Czarniecki	Taxonomist Dimick Jeffery	Estimated Percent of Sample Sorted 13%
Date Processed 11/05/2015	Specimens Saved Subsample archived in ABL until Jan 2022	

B2 = 75
 E3 = 63
 > 138!

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetidae	L	i	1	Kub 2016	dam	
Baetis	L	i	1	"	"	N
B. flavistriga species complex	L	-	5	"		
Acerpenna macdunnoughi	L	iii	3	"		
Stenocran	L	i	1	"	imm	
Maccaffertium	L	ii	2	"	imm	N
M. vicarium	L	iii	3	"		
Leptophlebiidae	L	i	1	"	dam	N
Leptophlebia	L	i	1	"	imm	
Paraleptophlebia	L	ii	2	"	imm	
Hydropsychidae	L	ii	2	Hills 1995	imm	N
Cheumatopsyche	L	ii	2	"		
Hydropsyche	L	iii	3	"	imm	N
id. betteni	L	iii	3	Schm Hills 1986		
Lepidostoma	L	i	1	Hills 1995		
Limnephilus	L	i	1	"		
Simulium tuberosum species complex	L	i	1	Adl et al 2004		
Antocha	L	i	1	Hills 1995		
Acrantocha	L	i	1	"		
Pilaria	L	i	1	"		
Caecidotea racovitzai racovitzai	A	-ii	7	Will 1972		
Microbates	A	iii	4	Pivch 1984		
Lebertia	A	i	1	"		
Naidinae	A	i	1	Bornfeld 1991		
Erpobdellidae	A	ii	2	Thorp Reg 2016	dam	
Ferrissia	A	i	1	"		
Fossaria	A	i	1	Brown 1991		
Physa	A	ii	2	Thorp Reg 2016		
Pisidium	A	i	1	Burch 1972		
Split to Chironomidae	L	iii (J)				
Meconelopia	L	i	1	Crain Epl 2013		
Nilotanytus	L	i	1	"		
Thremmannimyia group	L	i	1	"	imm	Y
Ochrociadinae 06300000	L	-ii	7	Crain 2013	imm	N
Brillia	L	iii	3	Anderson 2013	imm	
Chironomus	L	i	1	"		

(b-side = 3)

