

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name MIDDLE BR DUCK CREEK		Waterbody ID Code 1269300		Sample ID (YYYYMMDD-CY-FD) 20180912-11-01	
Sampling Location DS County Highway 6				Database Key 168762154	
SWIMS Station ID 10051388		SWIMS Station Name MIDDLE BR. DUCK CR. DS CTH G			
Latitude 43.498281	Longitude -89.1914745	Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83	
Basin (WMU) LOWER WISCONSIN		Watershed Name DUCK CREEK AND ROCKY RUN		County COLUMBIA	
Sample and Site Descriptors					
Sample Collector (Last Name, First) JEAN UNMUTH			Project Name SOUTH DISTRICT NC STREAM STRATIFIED SITES 2018		
Sampling Device					
<input checked="" type="checkbox"/> D-Frame Kick Net <input type="checkbox"/> Surber Sampler <input type="checkbox"/> Eckman <input type="checkbox"/> Ponar <input type="checkbox"/> Artificial Substrate <input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____					
Habitat Sampled					
<input type="checkbox"/> Riffle <input checked="" type="checkbox"/> Run <input type="checkbox"/> Pool <input type="checkbox"/> Other <input type="checkbox"/> Shoreline Composite <input type="checkbox"/> Proportionally-Sampled Habitat <input type="checkbox"/> Littoral Zone <input type="checkbox"/> Profundal Zone <input type="checkbox"/> Wetland					
Total Sampling Time (min) 6.0	Estimated Area Sampled (m ²) 2.0	Number of Samples in Composite 1		Replicate No. 1 of 1	
Reason For Sampling					
<input type="checkbox"/> Least Impacted Reference <input checked="" type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input type="checkbox"/> Trend <input type="checkbox"/> Other: _____					
Water Temp. (C) 16.7	D.O. (mg/l) 10.3	D.O. (% sat.) 110	pH (su) 8.1	Conductivity (umhos/cm) 804	Transparency (cm) 76.0
Water Color			Estimated Stream Velocity (m/s)		
<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained			<input 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 0.098 m/s or f/s		Average Stream Depth of reach (m) 1.0		Average Stream Width of reach (m) 2.5	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): _____	
Sand: _____		Clay: _____		Silt/Muck: 10	
Aquatic Macrophytes: _____		Leaf Snags: 50		Coarse Woody Debris: 20	
Overhanging Vegetation: 20		Other (): _____		Embeddedness of Substrate at Sample Site (%): _____	
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		N	
- Filamentous Algae		N		Dissolved Oxygen		N	
- Planktonic Algae				Nutrients (P, N...)		PH	PH
Iron Bacteria		N		Toxics: - Inorganic (Metals)			
Macrophytes		N		- Organic (PCBs, pesticides...)			
Slimes		N		Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		N	PH
				Point Source - Specify:			
				Pasturing of Livestock		N	PH
Physical				Runoff: - Barnyard		N	
Bank Erosion		N	PH	- Construction		N	
Channelization: - Upstream		PH	PH	- Cropland		N	
- Downstream				- Urban		N	
Hydraulic Scour / Channel Incision		N		Septic Systems			
Impoundment: - Upstream				Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow		N		Springs			
Sedimentation		PH	PH	Tributary(s)			
Sludge		N		Wetland			
Thermal				Other - Specify:			
Turbidity		PH	PH				
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Kayla Wilcox</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>7%</i>
Date Processed <i>7/5/19</i>	Specimens Saved <i>131</i>	

C3 = 131

Subsample archived in ABL until Nov 2022

Wisconsin Department of Natural Resources

ABL SampleNum: 20180912-11-01

Taxonomist: Dimick, Jeffrey

Waterbody: Middle Branch Duck Creek

SWIMS Database Key: 168762154

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetidae	L	1	1	Klun 2016	imm	N
Baetis brunneicolar	L	1	1	"		
Callibaetis fluctuans	L	11	2	"		
Coenagrionidae	L	11	2	West May 1996	imm	
Cheumatopsyche	L	1	1	Hils 1995		
Ceratopsyche glossanae	L	11	2	Schm Hils 1986		
Philostomus	L	1	1	Hils 1995		
Haliphus immaculicollis	A	1	1	Hils Berg 1978		
Lepidoptera	P	1	1	Merr et al 2019		
Hemerodromia	L	1	1	Cont Merr 2008		
Tanyptera 08270001	P	1	1	Ferret al 2008		N
Polypedium	P	111	3	Ferret al 2008		N
Gammarus pseudolimnareus	A	1	1	Hils 1972		
Ranatra nigra	A	1	1	Hils 1984a		
Physa	A	1	1	Thorp Reg 2016		
Tanyptera 08270000	L	1	1	Cranston 2013	imm	N
Thienemannimyia group	L	1	1	Cran Epl 2013	imm	
Brillia	L	1	1	And+3 2013	imm	N
B. flavifrons	L	11	3	Epler 2001		
Cricotopus	L	1	1	And+3 2013	mt indet	N
C. (Cricotopus) bicinctus group	L	11	2	"		
Limnophyes	L	1	1	"		
Parakiefferiella	L	1	1	"		
Rheocricotopus robacki	L	1	1	Epler 2001		
Thienemannella	L	1	1	And+3 2013	dam	N
Th. xena	L	1	1	Bolton 2012		
Tvetenia bavarica group	L	1	1	Isde 1983		
Chironominae 08330000	L	11	2	Cranston 2013	mt indet imm	N
Kiefferulus	L	1	1	Epl et al 2013		
Microtendipes pedellus group	L	1	5	"		
Paratanytarsus	L	XI	11	"	mt indet	N
P. species A	L	8-1111	39	Hils Lipsh 1		
Phaenopsectra flavipes	L	11	2	Bolton 2012		
Polypedium (Polypedium) laetum group	L	1	1	"		
P. (Pseudopodium) aviceps	L	-1	6	"		
P. (Polypedium) illinoense group	L	0-111	28	"		
Znecotanytarsus	L	XI	11	Epl et al 2013		