

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name UNNAMED		Waterbody ID Code 5015316	Sample ID (YYYYMMDD-CY-FD) 20201123-72-02
Sampling Location ~35m upstream 29th Street Bridge		Database Key 250467560	
SWIMS Station ID 10040161	SWIMS Station Name UNNAMED DS 29TH ST		
Latitude 44.641532	Longitude -90.156662	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) CENTRAL WISCONSIN		Watershed Name MILL CREEK	County WOOD
Sample and Site Descriptors			
Sample Collector (Last Name, First) TAYLOR HASZ		Project Name MILL CREEK TWA 2020 (319 PROJECT-FUNDED)	
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 checked="" 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) 2	Estimated Area Sampled (m²) 2	Number of Samples in Composite 1	Replicate No. 1 of 1
Reason For Sampling			
<input type="checkbox"/> Least Impacted Reference	<input type="checkbox"/> Baseline	<input type="checkbox"/> Impact / Treatment Site	
<input type="checkbox"/> Control Site	<input type="checkbox"/> Trend	<input checked="" type="checkbox"/> Other: TWA	
Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)
Water Color		Estimated Stream Velocity (m/s)	
<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Turbid	<input checked="" type="checkbox"/> Slow (< 0.15 m/s)	<input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s)
<input type="checkbox"/> Stained		<input type="checkbox"/> Fast (> 0.5 m/s)	
Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) .4	Average Stream Width of reach (m) 1.5	
Composition of Substrate Sampled (Percent):			
Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): 50
Sand: 10	Clay: _____	Silt/Muck: 20	Overhanging Vegetation: 10
Aquatic Macrophytes: 10	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	PL	U	Chlorine	N	U
- Filamentous Algae	N	U	Dissolved Oxygen	N	U
- Planktonic Algae	N	U	Nutrients (P, N...)	PL	U
Iron Bacteria	N	N	Toxics: - Inorganic (Metals)	N	U
Macrophytes	PL	N	- Organic (PCBs, pesticides...)	N	U
Slimes	N	N	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	PL	PL
			Point Source - Specify:	U	U
Physical			Pasturing of Livestock	N	PL
Bank Erosion	PL	PL	Runoff: - Barnyard	N	PL
Channelization: - Upstream	PH	PL	- Construction	PL	U
- Downstream	PH	PL	- Cropland	N	PL
Hydraulic Scour / Channel Incision	N	U	- Urban	PL	PL
Impoundment: - Upstream	N	N	Septic Systems	U	U
- Downstream	N	N	Tile Drainage - Organic Soils	U	U
Low Flow	N	U	- Mineral Soils	U	U
Sedimentation	N	U	Springs	N	U
Sludge	N	U	Tributary(s)	N	U
Thermal	N	U	Wetland	PL	PL
Turbidity	N	U	Other - Specify:		
Other - Specify:					

Comments - Sampled ~35 m upstream 29th Street bridge. Sampled a small riffle/run. Clodea and caddis present in area sampled. Substrate consisted of gravel, sand, and silt.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Dimick, Jeffrey	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 7.8
Date Processed 6/9/2021	Specimens Saved Subsample archived in ABC until Jul 2021	

BZq 2-35
 3-27
 4-27
 1

DLq 3-26
 4-32
 1
 2

147

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Caenis	L	80 IIII	64	MCB 2019	imm	N
C. punctata	L	X	10	Klub 2016		
Chironomus	L	IIII	4	MCB 2019		
Hydropsyche belleni	L	IIII	4	Schmitts 1986		
Debrayia	L	-II	7	MCB 2019		
D. fastidius	L	II	3	"	imm	N
Simulium vittatum species complex 08110217	L	X	10	Ad et al 2004		
Tipula	L	II	2	MCB 2019		
Hyaella azteca	A	IIII	8	Gocek et al 2015		
Gyralis	A	II	2	Thorp Reg 2016	dam	N
G. deflectus	A	-	5	"		
G. homensis	A	II	2	"		
Pisidium	A	-IIII	9	"		
Podocapsa	A	I	1	"		
Naidinae	A	I	1	Kahn Ben 1988		
Tubificonae (without hirs)	A	B-	45	"		
Hydropsyche haemipis	A	I	1	Klemm 1985		
Spilto Chironomidae	L	0-IV-V-D				
Cryptochironomus	L	I	1	Ad et al 2013		
Conchapelopia	L	I	1	"		
Meropelopia	L	II	2	"		
Thienemannimyia group	L	IIII	4	"	mt indet/imm	N
Chaetocladius piger group	L	I	5	"		
Cricotopus	L	I	1	"		N
C. (Cricotopus) tremulus group	L	I	1	"		
Orthocladius	L	I	1	"		
Dicrotendipes	L	I	1	"		
Microsestria	L	III	3	"		
Paratanytarsus species A	L	I	1	Hils unpubl		
P. species B	L	-I	6	"		
Polypedilum	L	I	1	Ad et al 2013	imm	Y
P. (Unesipedium) flavum	L	I	1	Bolton 2012		

23 taxa, TVAL ≤ 2.0