

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name AVERY LATERAL DITCH	Waterbody ID Code 1347900	Sample ID (YYYYMMDD-CY-FD) 20191029-29-01
Sampling Location		Database Key 210277105

SWIMS Station ID 10052203	SWIMS Station Name AVERY LATERAL DITCH AT BEWICK TRAIL/12TH STREET		
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83

Basin (WMU) CENTRAL WISCONSIN	Watershed Name LOWER YELLOW (JUNEAU CO.) RIVER	County JUNEAU
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Sample and Site Descriptors

Sample Collector (Last Name, First) TAYLOR M HASZ, ANDREW J SCHNEYER	Project Name WEST 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) 2	Estimated Area Sampled (m²) 2 m ²	Number of Samples in Composite 2	Replicate No. 1 of 1
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: 116 NCSR

Water Temp. (C) 5.04	D.O. (mg/l) 10.64	D.O. (% sat.) 83.1	pH (su) 8.85	Conductivity (umhos/cm) 106	Transparency (cm)
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Water Color <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input checked="" 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) .75 m	Average Stream Width of reach (m) 5
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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: 70
 Aquatic Macrophytes: 10 Leaf Snags: 10 Coarse Woody Debris: 10 Other (): _____
 Embeddedness of Substrate at Sample Site (%) 0 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	Watershed	Factors that may be influencing Water Resource Integrity		Local	Watershed
Biological				Chemical			
Algae: - Diatoms / Periphyton		N	U	Chlorine		N	
- Filamentous Algae		N	U	Dissolved Oxygen		N	
- Planktonic Algae		N	U	Nutrients (P, N...)		U	
Iron Bacteria		PL	PL	Toxics: - Inorganic (Metals)		N	
Macrophytes		PL	PL	- Organic (PCBs, pesticides...)		N	
Slimes		N	U	Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		PL	PL
				Point Source - Specify:		N	N
				Pasturing of Livestock		N	N
Physical				Runoff: - Barnyard		N	N
Bank Erosion				- Construction		N	N
Channelization: - Upstream		PH	PH	- Cropland		N	N
- Downstream		PH	PH	- Urban		N	N
Hydraulic Scour / Channel Incision		N	U	Septic Systems		N	N
Impoundment: - Upstream		N	PL	Tile Drainage - Organic Soils		N	N
- Downstream		PL	PL	- Mineral Soils		N	N
Low Flow		N	U	Springs		U	U
Sedimentation		PH	PH	Tributary(s)		U	U
Sludge		N	U	Wetland		PH	PH
Thermal		N	U	Other - Specify:			
Turbidity		PL	PL				
Other - Specify:							

Comments

Interval ditch running through the Necedah Reserve. Mostly sampled in
 August B/C slow moving run with deep silt and no riffle habitat.

Special Instructions for Laboratory

Handwritten notes and signatures:
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For Lab Use Only

Sample Sorter	Coash, Natalie	Taxonomist	Dimick, Jeffrey	Estimated Percent of Sample Sorted	25%
Date Processed	9/21/2020	Specimens Saved	Subsample archived in ABC until Oct 2023		

E33-9 E3-1-10 E3, 2+4-25 3C-24
 A1-3-8 A1, 1,2,4-29 1C-33

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Leptanthebia	L	-	5	MerlommB 2019	imm	
Phlycentropus placidus	L	1	1	Hils 1995		
Platycentropus	L	xii	12	MerlommB 2019		
Philostomis	L	iii	3	"		
Ranatra fusca	A	ii	2	Hils 1984a		
Sigara douglasensis	A	i	1	"		
Lacophilus maculosus	A	i	1	Hils 1992		
Liodessus affinis	A	iii	4	Hils 1994		
Neoporus	L	i	1	MerlommB 2019		
Gyrinus lecontei	A	ii	2	Hils 1990		
Tropisternus glaber	A	-	5	Hils 1995c		
T. mixtus	A	i	1	"		
Dasyhelea	L	i	1	Hils 1995		
Probetzia	L	ii	2	"		
Caecidotea racovitzai racovitzai	A	B-iii	49	Witt 1972		
Cyclopidae	A	ii	2	Thorp Reg 2016		
Lumbriculus	A	i	1	"		
Tubificonae (without hairs)	A	-ii	7	Kath Brin 1998		
Helobdella echoensis	A	i	1	Sackem et al 2018		
Pisidium	A	i	1	Thorp Reg 2016		
Split A2 Chironomidae	L	B-ii-ii	ND			
Chironomus	L	i	1	And et al 2013		
Tanyptera OB210000	L	ii	2	"	imm	N
Chironomus	L	ii	2	"		
Concha pelopia OB210700	L	xiii	13	"		
Meropelopia	L	i	1	"		
Procladius (Holotanyptus)	L	iii	3	"		
Zavrelimyia	L	i	1	"		
Nanocladius	L	i	1	"	imm	
Orthocladus (Symposiocladius) anaectens	L	i	1	Bolton 2012		
Thienemannella xena	L	i	1	"		
Micropsectra	L	-	5	And et al 2013		
Paralauterborniella nigrohalterale	L	i	1	"		
Polypedilum	L	i	1	"	imm	Y
P. (Tropocura) scalenum group	L	i	1	Bolton 2012		
Rheotanypterus	L	i	1	And et al 2013		
Tribeles jucundus	L	-i	6	Bolton 2012		