State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 53707-7291
dnr.wi.gov

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

Instructions: **Bold** fields must be completed.

Station Summary

Waterbody Name	**Waterbody ID Code**	**Sample ID (YYYYMMDD-CY-FD)**
UNNAMED	5026857	20201021-20-01

Sampling Location

Database Key: 251842574

SWIMS Station ID	**SWIMS Station Name**
10039680	UNNAMED TRIB TO DAKIN CREEK 1/4 MILE E OF FOND DU LAC COUNTY LINE

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
		SWIMS SWDV GPS	WGS84 or NAD83

Basin (WMU)	**Watershed Name**	**County**
UPPER FOX	BIG GREEN LAKE	FOND DU LAC

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
DAVID BOLHA	319 PROJECT-SILVER AND DAKIN CREEK TWA 2020

Sampling Device

- [X] D-Frame Kick Net
- [ ] Surber Sampler
- [ ] Eckman
- [ ] Ponar
- [ ] Artificial Substrate
- [ ] Hess Sampler
- [ ] Other: _____

Habitat Sampled

- [X] Riffle
- [ ] Run
- [ ] Pool
- [ ] Other
- [ ] Shoreline Composite
- [ ] Proportionally-Sampled Habitat
- [ ] Littoral Zone
- [ ] Profundal Zone
- [ ] Wetland

Total Sampling Time (min)	**Estimated Area Sampled (m^2)**	**Number of Samples in Composite**	**Replicate No.** ____ **of** ____
3	2.0	1	

Reason For Sampling

- [ ] Least Impacted Reference
- [ ] Baseline
- [ ] Impact / Treatment Site
- [ ] Control Site
- [ ] Trend
- [X] Other: TWA

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
9.6	5.5	49.1	7.3	681	120

Water Color

- [X] Clear
- [ ] Turbid
- [ ] Stained

Estimated Stream Velocity (m/s)

- [ ] Slow (< 0.15 m/s)
- [X] Moderate (0.15 m/s - 0.5 m/s)
- [ ] 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)**
	0.2	1.0

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 70

Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 20 **Canopy Cover at Sample Site (%)** 0

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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
Biological		
Algae: - Diatoms / Periphyton	N	N
- Filamentous Algae	N	N
- Planktonic Algae	N	N
Iron Bacteria	N	N
Macrophytes / moss / watercress	PL	N
Slimes	N	N
Other - Specify:		
Physical		
Bank Erosion	N	N
Channelization: - Upstream	N	N
- Downstream	PH	PL
Hydraulic Scour / Channel Incision	PL	PL
Impoundment: - Upstream	N	N
- Downstream	N	N
Low Flow	N	N
Sedimentation	PL	PH
Sludge	N	N
Thermal	PL	PL
Turbidity	N	N
Other - Specify:		

Factors that may be influencing Water Resource Integrity	Local	Water-shed
Chemical		
Chlorine	N	N
Dissolved Oxygen	N	PL
Nutrients (P, N...)	PH	PH
Toxics: - Inorganic (Metals)	N	N
- Organic (PCBs, pesticides...)	U	U
Other - Specify:		
Sources of Stream Impacts		
Bank Erosion	N	N
Point Source - Specify:	N	N
Pasturing of Livestock	N	N
Runoff: - Barnyard	N	N
- Construction	N	N
- Cropland	PH	PH
- Urban	N	N
Septic Systems	PL	N
Tile Drainage - Organic Soils	PL	PL
- Mineral Soils	PL	PL
Springs	PH	PH
Tributary(s)	PN	PL
Wetland	N	N
Other - Specify:		

Comments

Special Instructions for Laboratory

(2hr)
5:50 –

#9 all additional grid

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Jovanna Erickson	Dimick, Jeffrey	10%
Date Processed	**Specimens Saved**	
4/21/21	Subsample 143 archived in ABL under May 2024	

54
8

B2:3	25	B2:4	17
E2:4	10	E2:3	35
B2:2	19	B2:1	X
E2:2	37	E2:1	X

A1: X

Total Specimen: 143

Total Time: 12 hrs

% Sort: 6/60 = 10% or 0.1

1 quart bugs
× 4 = 1 grid
~~125~~ = # bug

Wisconsin Department of Natural Resources aterbody: **Unnamed Tributary (5026857) to Dakin Creek**
ABL SampleNum: **20201021-20-01** SWIMS Database Key: **251842574**
Taxonomist: Dimick, Jeffrey

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Cricotopus (Cricotopus)	P	II	2	Wieder 1986		N
JJD ~~C. (Isocladius)~~ Cricotopus	P	I	1	"	dam	N
Micropsectra	P	𝍸	5	MCB 2019		
Muscidae	L	II	2	"		
Simuliidae	L	I	1	"	imm	
Caecidotea intermedia	A	II	2	Will 1972		
Mermithidae	A	O 𝍸 IIII	29	Thorp Rog 2016		
Naididae	A	X 𝍸	15	Kath Brin 1998		
Tubificinae (without hairs)	A	X 𝍸	15	"		
Diptera	P	I	1	MCB 2019	dam	N
~~Split A2a Chironomidae~~	~~L~~	~~8X~~ JJD				
~~Split A2b Chironomidae~~	~~L~~	~~8X~~ JJD				
~~Split A2c Chironomidae~~	~~L~~	~~8 III~~ JJD				
Orthocladiinae	L	X	10	And et al 2013	imm	N
Cricotopus	L	X O - III	38	"		N
C. (Cricotopus) tremulus group	L	I	1	"		
Eukiefferiella claripennis group	L	- III	8	"		
Limnophyes	L	I	1	"		
Orthocladius	L	- II	7	"		
Micropsectra	L	8 O - III	68	"		N