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)**
TAYCHEEDAH CREEK	138400	20191031-20-04

Sampling Location @ bridge crossing — **Database Key** 211651699

SWIMS Station ID	**SWIMS Station Name**
10052414	TAYCHEEDAH CREEK AT PEEBLES TRAIL

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	LAKE WINNEBAGO - EAST	FOND DU LAC

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
DAVID BOLHA	TAYCHEEDAH CREEK TWA (NON-319)

Sampling Device

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

Habitat Sampled

- [ ] Riffle
- [X] 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** ____
6	3	1	

Reason For Sampling

- [ ] Least Impacted Reference
- [X] 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)**
3.6	12.3	94.2	8.3	719.0	108

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)**
	0.3	6

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 40 Gravel (ladybug to tennisball): 10

Sand: 10 Clay: _____ Silt/Muck: 10 Overhanging Vegetation: 30

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

Embeddedness of Substrate at Sample Site (%) 50 **Canopy Cover at Sample Site (%)** 50

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

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Kiersten Czarnecki	Dimick, Jeffrey	47%
Date Processed	**Specimens Saved**	
1/14/2020	Subsample archived in ABL cntrl Mar 2023	

D1: 17 > 34
A3: 17
B2: 8 > 35 > 69
C3: 27

B1: 21 > 42
E3: 21

C2: 26

69 + 42 = (111)

Wisconsin Department of Natural Resources
ABL SampleNum: **20191031-20-04**
Taxonomist: Dimick, Jeffrey

Waterbody: **Taycheedah Creek**
SWIMS Database Key: **211651699**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis brunneicolor	L	II	2	Klib 2016		
Stenacron	L	X 0	40	"	imm	N
S. interpunctatum	L	I	1	"		
Coenagrionidae (Coenag/Enallag)	L	I	1	West May 1996	imm	
Allocapnia	L	𝍸	32	Wils 1995		
Cheumatopsyche	L	-II	7	"		
Hydropsyche betteni	L	I	1	Schm Wils 1986		
Pycnopsyche	L	I	1	Wils 1995		
Polycentropus	L	I	1	"		
Optioservus fastiditus L.1 A.1	L,A	II	2	Wils Schm 1992		
Dineutus assimilis	A	I	1	Wils 1990		
Curculionidae	L	I	1	WhiteRoyn 2008		
Probezzia	L	III	4	Wils 1995		
Ephydridae	P	I	1	MerrWebb 2008		
Gammarus pseudolimnaeus	A	X	15	Wils 1972		
Caecidotea intermedia	A	II	2	Will 1972		
Sphaerium	A	I	1	Mackie 2007		
Enchytraeidae	A	I	1	Thorp Rog 2016		
Naidinae	A	IIII	4	Brinkhurst 1971		
Tubificinae (without hairs)	A	X II	17	Klemm 1985		Y
Tubificinae (with hairs)	A	X	10	"		Y
Actinobdella inequiannulata	A	I	1	"		
Parakiefferiella	P	I	1	Ferrat 2008		
Chironominae 0B33000Z	P	I	1	"	dam	N
Natarsia baltimorea	L	II	2	Epler 2001		
Brillia	L	IIII	4	And+3 2013	imm	
Corynoneura	L	I	1	"		
Orthocladius (Orthocladius)	L	II	2	"		
Cryptochironomus	L	II	2	Epl et al 2013		
Microspectra	L	-	5	"		
Microtendipes pedellus group	L	I	1	"		
Polypedilum (Polypedilum) fallax group	L	I	1	Bolton 2012		
Rheotanytarsus	L	I	1	Epl et al 2013		
Stictochironomus	L	III	3	"		