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)**
TRIB TO TUC @ CTH X		20211027-62-03

Sampling Location	**Database Key**
ANDERSON FARM	296979501

SWIMS Station ID	**SWIMS Station Name**
10055396	UNNAMED TRIB (1780600) TO TRAVERSE VALLEY CR AT CTH X

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

Basin (WMU)	**Watershed Name**	**County**
BUFFALO - TREMPEALEAU	MIDDLE TREMPEALEAU RIVER	TREMPEALEAU

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
KURT RASMUSSEN	TRAVERSE VALLEY CREEK TWA 2021

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** ___
2	1	—	1 of 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)**
9.0	10.59	91.6	7.78	321.1	

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): 10 Rubble (tennisball to basketball): 60 Gravel (ladybug to tennisball): 30

Sand: _____ 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 (%)** 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	Water-shed
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	P
Channelization: - Upstream	N	N
- Downstream	PH	PH
Hydraulic Scour / Channel Incision	PH	PL
Impoundment: - Upstream	N	N
- Downstream	N	N
Low Flow	N	N
Sedimentation	PL	PL
Sludge	N	N
Thermal	N	N
Turbidity	N	N
Other - Specify:	—	—

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

Comments

SAMPLED DOWNSTREAM FROM CULVERT

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Katherine McClure	Dimick, Jeffrey	7.8%
Date Processed	**Specimens Saved**	
7/26/22	5/b sample archived in ABL until Oct 2025	

B191: 32 A393: 13
B194: 39 A394: 22
B193: 39 A391:
B192: A392:

145

Wisconsin Department of Natural Resources
ABL SampleNum: **20211027-62-03**
Taxonomist: Dimick, Jeffrey

Waterbody: **Tributary to Traverse Valley Creek**
SWIMS Database Key: **296979501**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Ceratopsyche slossonae	L	II	2	Schuster 1986		
Neophylax	L	I	1	MCB 2019	imm	
Dicranota	L	I	1	"		
Tipula	L	I	1	"		
Gammarus pseudolimnaeus	A	01	21	Hoff 1972		
Physa	A	IIII	9	Thorp Rog 2016		
Naididae	A	III	5	Kathman 1998		
Tubificinae (without hairs)	A	II	2	"		
Lebertia	A	I	1	Peck et al 1990		
~~Synorthocladius~~	~~L~~	~~8x~~				
~~Synorthocladius~~	~~L~~	~~8x~~				
~~Synorthocladius~~	~~L~~	~~xIII~~				
Corynoneura	L	II	3	And et al 2013		
Thienemanniella	L	II	2	"		
Thienemanniella group	L	I	1	"	imm	
Orthocladiinae	L	III	3	"	dam/imm	N
Brillia	L	II	7	"	imm	
Cricotopus (Cricotopus) bicinctus group	L	II	2	"		
Eukiefferiella claripennis group	L	I	1	"		
E. devonica group	L	I	1	"		
Limnophyes	L	I	1	"		
Nanocladius (Nanocladius)	L	II	2	"	imm	
Orthocladius (Eurthocladius)	L	I	1	"		
O. (Orthocladius)	L	-	5	"		
Parametriocnemus	L	II	2	"		
Thienemanniella xena	L	I	1	Bolton 2012		
Chironomini	L	III	3	And et al 2013	imm	N
Dicrotendipes	L	I	1	"		
Micropsectra	L	8-II	47	"		
Paratendipes	L	0-II	27	"		
Polypedilum (Polypedilum) illinoense group	L	II	2	Bolton 2012		
P. (Uresipedilum) aviceps	L	III	3	"		
Tanytarsus	L	II	2	And et al 2013		