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)**
TRAVERSE VALLEY CREEK	1780500	20211027-62-04

Sampling Location	**Database Key**
APPLE VALLEY - DUBIEL LN	296979485

SWIMS Station ID	**SWIMS Station Name**
10020894	TRAVERSE VALLEY CREEK AT DUBIEL LANE

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)**
8.9	10.82	93.5	7.99	537	80.0

Water Color

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

Estimated Stream Velocity (m/s)

- [ ] Slow (< 0.15 m/s)
- [X] Moderate (0.15 m/s - 0.5 m/s)
- [X] 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)**
	0.4	3.0

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): 90 Gravel (ladybug to tennisball): _____

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

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

Embeddedness of Substrate at Sample Site (%) 10 **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	PL	N
- Filamentous Algae	PL	N
- Planktonic Algae	N	N
Iron Bacteria	N	N
Macrophytes	N	N
Slimes	N	N
Other - Specify:	–	–
Physical		
Bank Erosion	PL	PL
Channelization: - Upstream	PH	
- Downstream	PH	P
Hydraulic Scour / Channel Incision	PH	PL
Impoundment: - Upstream	N	N
- Downstream	N	N
Low Flow	N	N
Sedimentation	PH	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	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	PL	PH
Point Source - Specify:	N	N
Pasturing of Livestock	PL	PH
Runoff: - Barnyard	PL	PH
- Construction	N	N
- Cropland	PH	PH
- Urban	N	N
Septic Systems	N	N
Tile Drainage - Organic Soils	N	N
- Mineral Soils	PL	PL
Springs	N	N
Tributary(s)	N	N
Wetland	N	N
Other - Specify:	–	–

Comments
SAMPLED RIFFIE DOWNSTREAM. MOST ON ROCKS.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Mary Jay Relagio	Dimick, Jeffrey	7.8 %
Date Processed	**Specimens Saved**	
7/28/2022	Subsample archived at WSL until Sept 2025	

B3 92 18 93 49 94 23 97
C2 92 18 94 33 91 93

141

Wisconsin Department of Natural Resources
ABL SampleNum: **20211027-62-04**
Taxonomist: Dimick, Jeffrey

Waterbody: **Traverse Valley Creek**
SWIMS Database Key: **296979485**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis brunneicolor	L	II	2	Klub 2016		
B. Flavistriga species complex	L	I	1	"		
Ephemerella	L	XI	11	MCB 2019	mm	N
1/5 E. excrucians	L	/	5	Klub 2016		
Ceratopsyche slossonae	L	XII	12	Schuster Wiss 1986		
2/6 C. sparna	L	I	1	"		
Hydropsyche betteni	L	I	1	"		
Helichus striatus	A	I	1	Wis Schm 1992		
Optioservus	L	II	2	MCB 2019	mm	N
O. fastidiosus	L	/	5	Wis Schm 1992		
3/7 Atherix variegata	L	I	1	Wis 1995		
Neoplasta	L	I	1	MCB 2019		
Simulium vittatum species complex 08110217	L	I	1	Tol et al 2004		
Antocha	L	II	2	MCB 2019		
Dicranota	L	IIII	4	"		
Tipula	L	I	1	"		
Gammarus pseudolimnaeus	A	60	60	Wis 1972		
Naidinae	A	31	31	Koth Bou 1998		
~~Spirtella Ommatogomidae~~	~~L~~	~~IIII~~				
Eukiefferiella devonica group	L	I	1	And et al 2013		
Parametriocnemus	L	I	1	"		
Tvetenia bavarica group	L	III	3	Bode 1983		
Orthocladius (Orthocladius)	L	I	1	And et al 2013		
Micropsectra	L	I	1	"		
Polypedilum (Uresipedilum) aviceps	L	IIII	4	Bolton 2012		
Rheotanytarsus	L	I	1	And et al 2013		

3 taxa, TVAL ≤ 2.0

7 < (0.1 × 111)