

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

Station Summary						
Waterbody Name TRAVERSE VALLEY CREEK			Waterbody ID Code 1780500		Sample ID (YYYYMMDD-CY-FD) 20211027-62-03	
Sampling Location LYGA					Database Key 296979493	
SWIMS Station ID 10021142		SWIMS Station Name TRAVERSE VALLEY CREEK LYGA VALLEY RD. CROSSING UPSTREAM 1000'				
Latitude		Longitude		Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83
Basin (WMU) BUFFALO - TREMPPEALEAU			Watershed Name MIDDLE TREMPPEALEAU RIVER		County TREMPPEALEAU	
Sample and Site Descriptors						
Sample Collector (Last Name, First) KURT RASMUSSEN				Project Name TRAVERSE VALLEY CREEK TWA 2021		
Sampling Device						
<input checked="" type="checkbox"/> D-Frame Kick Net <input type="checkbox"/> Surber Sampler <input type="checkbox"/> Eckman <input type="checkbox"/> Ponar <input type="checkbox"/> Artificial Substrate <input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____						
Habitat Sampled						
<input checked="" type="checkbox"/> Riffle <input type="checkbox"/> Run <input type="checkbox"/> Pool <input type="checkbox"/> Other <input type="checkbox"/> Shoreline Composite <input type="checkbox"/> Proportionally-Sampled Habitat <input type="checkbox"/> Littoral Zone <input type="checkbox"/> Profundal Zone <input type="checkbox"/> Wetland						
Total Sampling Time (min) 2		Estimated Area Sampled (m²) 1.0		Number of Samples in Composite -		Replicate No. 1 of 1
Reason For Sampling						
<input type="checkbox"/> Least Impacted Reference <input checked="" type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input type="checkbox"/> Trend <input type="checkbox"/> Other: _____						
Water Temp. (C) 10.1	D.O. (mg/l) 10.13	D.O. (% sat.) 90.1	pH (su) 8.07	Conductivity (umhos/cm) 550		Transparency (cm) 81
Water Color				Estimated Stream Velocity (m/s)		
<input checked="" type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained				<input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)		
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m) 0.4		Average Stream Width of reach (m) 2.5		
Composition of Substrate Sampled (Percent):						
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): 100		Gravel (ladybug to tennisball): _____
Sand: _____		Clay: _____		Silt/Muck: _____		Overhanging Vegetation: _____
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: _____		Other (_____): _____
Embeddedness of Substrate at Sample Site (%) 0				Canopy Cover at Sample Site (%) 20		

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	N	Chlorine	N	N
- Filamentous Algae	N	N	Dissolved Oxygen	N	N
- Planktonic Algae	N	N	Nutrients (P, N...)	PH	PH
Iron Bacteria	N	N	Toxics: - Inorganic (Metals)	N	N
Macrophytes	N	N	- Organic (PCBs, pesticides...)	N	N
Slimes	N	N	Other - Specify:	-	-
Other - Specify:	-	-	Sources of Stream Impacts		
			Bank Erosion	PH	PH
			Point Source - Specify:	N	N
Physical			Pasturing of Livestock	PL	PH
Bank Erosion	PH	PH	Runoff: - Barnyard	PL	PL
Channelization: - Upstream	PH	PH	- Construction	N	N
- Downstream	PH	PH	- Cropland	PH	PH
Hydraulic Scour / Channel Incision	PH	PH	- Urban	N	N
Impoundment: - Upstream	N	N	Septic Systems	N	N
- Downstream	N	N	Tile Drainage - Organic Soils	N	N
Low Flow	N	N	- Mineral Soils	PL	PL
Sedimentation	PH	PH	Springs	N	N
Sludge	N	N	Tributary(s)	N	N
Thermal	N	N	Wetland	N	N
Turbidity	N	N	Other - Specify:	-	-
Other - Specify:	-	-			

Comments

RIFFLE DOWNSTREAM FROM LYGA ROAD CROSSING

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Mary Joy Relagio	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 25%
Date Processed 7/25/2022	Specimens Saved Subsample archived in NBL until Oct 2025	

B3 94 10 C2 93 9 A3 9 2 13 D2 9 9 3
 91 7 94 11 93 10 92 8
 93 3 92 9 94 9 91 2
 92 11 91 7 91 13 93 8

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Wisconsin Department of Natural Resources

ABL SampleNum: 20211027-62-08

Taxonomist: Dimick, Jeffrey

Waterbody: Traverse Valley Creek

SWIMS Database Key: 296979493

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis brunneicolar</i>	L	III	3	Kub 2016		
<i>B. tricaudatus</i>	L	III	4	"		
<i>B. flavistriga</i> species complex	L	I	1	"		
<i>Ephemerella excrucians</i>	L	I	1	"		
<i>Cecobranchia glossinoides</i>	L	-III	8	Schmidt 1986		
<i>Helichus striatus</i>	A	II	2	Hols Schum 1992		
<i>Orthocentrus</i>	L	I	1	MCB 2019	imm	N
<i>O. fastidiosus</i>	L	III	4	Hols Schum 1992		
<i>Cricotopus (Cricotopus) trifascia</i> group	P	I	1	Wieder 1986		N
<i>Euketterella cyanea</i> group	P	I	1	"		Y
<i>Amblyura</i>	L	XI	15	MCB 2019		
<i>Dixaefly</i>	L	I	1	"		
<i>Gammarus pseudolimnoides</i>	A	Bo-	65	Hols 1972		
<i>Tipulidae</i>	L	I	1	MCB 2019	can	Y
<i>Split A2 duxanomidae</i>	L	XIII-IV				
<i>Dixaefly</i>	L	III	3	And et al 2013		
<i>Cricotopus (Cricotopus) trifascia</i> group	L	III	3	"		
<i>Twitenia bavarica</i> group	L	III	4	Bede 1983		
<i>Euketterella claripennis</i> group	L	I	1	And et al 2013		
<i>Orthocentrus</i>	L	I	1	"	imm	N
<i>O. (Euoorthocentrus)</i>	L	-II	7	"		
<i>O. (Orthocentrus)</i>	L	II	2	"		
<i>Microsectra</i>	L	I	1	"		
<i>Polypedium (Ursypedium) aviceps</i>	L	II	2	Bolton 2012		

0.2