

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

Station Summary					
<b>Waterbody Name</b> TRAVERSE VALLEY CREEK			<b>Waterbody ID Code</b> 1780500		<b>Sample ID (YYYYMMDD-CY-FD)</b> 20211027-62-02
<b>Sampling Location</b> CTH. X - D.S. OF Bridge				<b>Database Key</b> 296979489	
<b>SWIMS Station ID</b> 10021145		<b>SWIMS Station Name</b> TRAVERSE VALLEY CREEK COUNTY HWY X CROSSING UPSTREAM 1080'			
<b>Latitude</b>	<b>Longitude</b>		<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS		<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>Basin (WMU)</b> BUFFALO - TREMPPEALEAU		<b>Watershed Name</b> MIDDLE TREMPPEALEAU RIVER		<b>County</b> TREMPEALEAU	
Sample and Site Descriptors					
<b>Sample Collector (Last Name, First)</b> KURT RASMUSSEN			<b>Project Name</b> TRAVERSE VALLEY CREEK TWA 2021		
<b>Sampling Device</b>					
<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: _____	
<b>Habitat Sampled</b>					
<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	
<b>Total Sampling Time (min)</b> 2	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1.5		<b>Number of Samples in Composite</b> -		<b>Replicate No.</b> 1 of 1
<b>Reason For Sampling</b>					
<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: _____	
<b>Water Temp. (C)</b> 8.1	<b>D.O. (mg/l)</b> 11.13	<b>D.O. (% sat.)</b> 94.3	<b>pH (su)</b> 7.97	<b>Conductivity (umhos/cm)</b> 529	<b>Transparency (cm)</b> 84
<b>Water Color</b>			<b>Estimated Stream Velocity (m/s)</b>		
<input 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)		
<b>Measured Velocity</b> circle units m/s or f/s		<b>Average Stream Depth of reach (m)</b> 0.3		<b>Average Stream Width of reach (m)</b> 6	
<b>Composition of Substrate Sampled (Percent):</b>					
Bedrock: _____		Boulders (basketball or larger): 20	Rubble (tennisball to basketball): 80	Gravel (ladybug to tennisball): _____	
Sand: _____		Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____	Coarse Woody Debris: _____	Other (____): _____	
<b>Embeddedness of Substrate at Sample Site (%)</b> 20			<b>Canopy Cover at Sample Site (%)</b> 0		

**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	Factors that may be influencing Water Resource Integrity	Local	Water-shed
<b>Biological</b>			<b>Chemical</b>		
Algae: - Diatoms / Periphyton	PL	PL	Chlorine	N	N
- Filamentous Algae	PL	PL	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...)	U	U
Slimes	N	N	Other - Specify:	-	-
Other - Specify:	-	-	<b>Sources of Stream Impacts</b>		
			Bank Erosion	PH	PH
			Point Source - Specify:	N	N
<b>Physical</b>			Pasturing of Livestock	N	N
Bank Erosion	PH	PH	Runoff: - Barnyard	PH	PH
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	PL	N
- Downstream	N	N	Tile Drainage - Organic Soils	N	N
Low Flow	N	N	- Mineral Soils	PH	PL
Sedimentation	PH	PH	Springs	N	N
Sludge	N	N	Tributary(s)	N	N
Thermal	N	N	Wetland	N	N
Turbidity	PL	PL	Other - Specify:	-	-
Other - Specify:	-	-			

Comments

SAMPLED RIFFLE DOWNSTREAM FROM BRIDGE

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter Katherine McClure	Taxonomist Dimitry Jeffrey	Estimated Percent of Sample Sorted 3.1%
Date Processed 7/26/22	Specimens Saved subsamp archived in ABC into 1 sept 2025	

C494:101 B292:82  
 C492: B291:  
 C493: B293:  
 C491: B294:

183

Wisconsin Department of Natural Resources

ABL SampleNum: 20211027-62-02

Taxonomist: Dimick, Jeffrey

Waterbody: Traverse Valley Creek

SWIMS Database Key: 296979489

Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis brunneicollis</i>	L	ii	2	Kelch 2016		
<i>Ephemerella</i>	L	ii	6	MCB 2019	imm	N
1/4 <i>E. excrucians</i>	L	xiii	14	Kelch 2016		
2/5 <i>Brachycentrus occidentalis</i>	L	i	1	Hils 1985		
<i>Ceratopsyche stlossonae</i>	L	iii	3	Schm Hils 1986		
3/4 <i>C. spina</i>	L	iii	4	"		
<i>Hydropsyche hestera</i>	L	i	1	"		
4/20 <i>Baetis tricaudatus</i>	L	i	1	Kelch 2016		
<i>Baetidae</i>	L	i	1	MCB 2019	imm	N
<i>Helichus striatus</i>	A	i	1	Hils Schm 1982		
<i>Neoplasia</i>	L	i	1	MCB 2019		
<i>Simulium vittatum</i> species complex 0810218	L	i	1	Ad et al 2001		
<i>Antocha</i>	L	ii	2	MCB 2019		
<i>Gammarus pseudolimnoides</i>	A	ii	7	Hils 1972		
<i>Echytraeidae</i>	A	iii	4	Thompson 2016		
<i>Naidinae</i>	A	BBB-iii	128	Kahn Brin 1990		
<i>Tubificinae</i> (without hairs)	A	i	1	"		
<del><i>Spilizaetoneuridae</i></del>	L	By ii				
<del><i>Spilizaetoneuridae</i></del>	L	By ii				
<i>Cardiodadius obscurus</i>	L	iii	4	Epler 2001		
<i>Eukiefferiella darpennis</i> group	L	i	1	And et al 2013		
<i>E. dewarica</i> group	L	ix	10	"		
<i>Parametrioponemus</i>	L	ii	2	"		
<i>Tvetenia hawaiiensis</i> group	L	xiii	37	Bode 1983		
<i>Rhyacotarsus</i>	L	iii	5	And et al 2013		
<i>Orthocladiinae</i>	L	Bii	42	"	imm	N
<i>Brillia</i>	L	ii	2	"	imm	
<i>Ceratopus</i> ( <i>Ceratopus</i> ) <i>bracteus</i> group	L	i	1	"		
<i>Orthocladius</i> ( <i>Eurothocladius</i> )	L	ii	2	"		
<i>Thienemanniella</i>	L	ii	2	"	imm	
<i>Cladotarsus</i>	L	i	1	"		
<i>Microsectra</i>	L	i	1	"		
<i>Paratendipes</i>	L	i	1	"		
<i>Polyperilum</i> ( <i>Ursperilum</i> ) <i>aviceps</i>	L	o	25	Bolton 2012		

> 3 taxa, TVAL ≤ 2.0

20 > (0.1 x 131)