

**Wadeable Macroinvertebrate
Field Data Report**

Form 3200-081 (R 8/14)

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Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED TRIB TO TRAVERSE VALLEY CREEK		Waterbody ID Code 1781500	Sample ID (YYYYMMDD-CY-FD) 20211102-62-01
Sampling Location TRIB WALK IN FROM CTH X		Database Key 296979513	
SWIMS Station ID 10055270		SWIMS Station Name UNNAMED TRIB (1781500) TO TRAVERSE VALLEY CR WALK IN FROM CTH X	
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) BUFFALO - TREMPLEALEAU		Watershed Name MIDDLE TREMPLEALEAU RIVER	County TREMPLEALEAU

Sample and Site Descriptors

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

☒ D-Frame Kick Net	☐ Surber Sampler	☐ Eckman
☐ Ponar	☐ Artificial Substrate	☐ Hess Sampler ☐ Other: _____

Habitat Sampled

☒ Riffle	☐ Run	☐ Pool
☐ Other	☐ Shoreline Composite	☐ Proportionally-Sampled Habitat
☐ Littoral Zone	☐ Profundal Zone	☐ Wetland

Total Sampling Time (min) 1	Estimated Area Sampled (m²) 1	Number of Samples in Composite -	Replicate No. 1 of 1
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Reason For Sampling

☐ Least Impacted Reference	☒ Baseline	☐ Impact / Treatment Site
☐ Control Site	☐ Trend	☐ Other: _____

Water Temp. (C) 6.7	D.O. (mg/l) 12.04	D.O. (% sat.) 98.5	pH (su) 8.14	Conductivity (umhos/cm) 544	Transparency (cm) 95
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Water Color ☒ Clear ☐ Turbid ☐ Stained	Estimated Stream Velocity (m/s) ☐ Slow (< 0.15 m/s) ☒ Moderate (0.15 m/s - 0.5 m/s) ☐ Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.3	Average Stream Width of reach (m) 1.5
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 10	Gravel (ladybug to tennisball): 70
Sand: 20	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____

Embeddedness of Substrate at Sample Site (%) 50	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	Factors that may be influencing Water Resource Integrity	Local	Water-shed
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...)	PL	PL
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	PL
Bank Erosion	PH	PH	Runoff: - Barnyard	PL	PL
Channelization: - Upstream	PL	PL	- Construction	N	N
- Downstream	PL	PL	- Cropland	PH	PH
Hydraulic Scour / Channel Incision	PL	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

WALKED IN TO TRIB FROM CTH X. SAMPLED RIFFLE UPSTREAM FROM CONFLUENCE.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter: Katherine McClure	Taxonomist: Demock, Jeffrey	Estimated Percent of Sample Sorted: 10.9%
Date Processed: 8/11/22	Specimens Saved: Subsample archived in ABL until Oct 2025	

D393:19 A292:19
D391:17 A294:19
D394:23 A293:9
D392:36 A291:

(142)

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