

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED Tributary at STH 48 DS		Waterbody ID Code 2637600	Sample ID (YYYYMMDD-CY-FD) 20210429-07-04
Sampling Location @ STH 48 DS - Backyard of home owner.			Database Key 293321276
SWIMS Station ID 10053910		SWIMS Station Name UNNAMED (2637600) TRIBUTARY AT STH 48 DS	
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) ST. CROIX		Watershed Name TRADE RIVER	County BURNETT

Sample and Site Descriptors

Sample Collector (Last Name, First) JOSEPH CUNNINGHAM	Project Name UPPER NORTH FORK TRADE RIVER WATERSHED TWA 2020
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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 min	Estimated Area Sampled (m²) 1 m ²	Number of Samples in Composite 3-20 second kicks	Replicate No. 1 of 1
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: TWA project

Water Temp. (C) 10.7	D.O. (mg/l) 9.9	D.O. (% sat.) 89.4	pH (su) 7.5	Conductivity (umhos/cm) 275	Transparency (cm) >120
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.2	Average Stream Width of reach (m) 2.0m
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 60
 Sand: 20 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 (%)** 60

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

Comments

Stream dry late summer/fall 2020. Reason for spring 2021 sample.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Katherine McClure</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>9.4%</i>
Date Processed <i>6/17/22</i>	Specimens Saved <i>Subsample archived in ABL until Aug 2022</i>	

*C292:18 B494:31
 E293:15 B492:27
 C294:8 B491:43
 C291: B493:*

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Wisconsin Department of Natural Resources

ABL SampleNum: 20210429-07-04

Taxonomist: Dimick, Jeffrey

Waterbody: Unnamed Tributary (2637600)

SWIMS Database Key: 293321276

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Leptophlebiidae	L	88-III	89	MCB 2019	mm	
Anabolia	L	I	1	"		
Dytiscidae Agabus/Zybirosoma	L	II	2	"		
Orthocladus (Orthocladus)	P	I	1	Wieder 1986		N
Parakefferiella	P	II	2	MCB 2019		
Simulium innocens	L	I	1	Adl et al 2004		
Simulium venustum species complex	L	0-III	29	"		
Stegopterna	L	I	1	MCB 2019		
Gyrinus deflexus	A	I	1	Thorp Reg 2016		
Enchytraeidae	A	III	3	"		
Pristina	A	II	2	Kath Brin 1998		
Tubificinae (with hairs)	A	XII	17	"		Y
Tubificinae (without hairs)	A	I	1	"		Y
Cyclopidae	A	II	2	Thorp Reg 2016		
Najadoceropoda	A	I	1	"		
Spitt Az Chironomidae	L	XIII-XX				
Damesa	L	II	2	Adl et al 2013		
Cladomydus	L	I	1	"		
Diplocladius	L	II	7	"		
Hydrobaenus	L	III	4	"		
Orthocladus (Orthocladus)	L	II	2	"		
Rheocricotopus	L	I	1	"		