

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name Daly Creek		Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD) 20191104-43-10
Sampling Location 20 m DS of Crossing			Database Key 210284868
SWIMS Station ID 10049744	SWIMS Station Name DALY CREEK US FIFIELD ROAD		
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) GREEN BAY		Watershed Name LITTLE RIVER	County OCONTO

Sample and Site Descriptors

Sample Collector (Last Name, First) ANDREW HUDAK	Project Name LITTLE RIVER TWA ASSESSMENT 2018, 2019
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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) 3	Estimated Area Sampled (m²) 5	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: Targeted Watershed Assessment

Water Temp. (C) 5.5	D.O. (mg/l) 10	D.O. (% sat.) 81.6	pH (su) 8.0	Conductivity (umhos/cm) 579	Transparency (cm) 55
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Water Color <input type="checkbox"/> Clear <input checked="" 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) .1	Average Stream Width of reach (m) 3
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): 50
 Sand: 50 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 (%)** 100

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			
				Point Source - Specify:			
				Pasturing of Livestock			
Bank Erosion				Runoff: - Barnyard			
Channelization: - Upstream				- Construction			
- Downstream				- Cropland			
Hydraulic Scour / Channel Incision				- Urban			
Impoundment: - Upstream				Septic Systems			
- Downstream				Tile Drainage - Organic Soils			
Low Flow				- Mineral Soils			
Sedimentation				Springs			
Sludge				Tributary(s)			
Thermal				Wetland			
Turbidity				Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

IC = 491

Lots of Miles

Total = 491

Yikes

For Lab Use Only

Sample Sorter Murphy Steinhilber	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 7%
Date Processed 1/27/2020	Specimens Saved Subsample archived in ABCentral Apr 2023	

Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Ephemerella subvaria</i>	L	x-iii	19	Kleb 2016		
<i>Maccaffertium</i>	L	"	2	"	imm	N
<i>M. vicarium</i>	L	-iii	9	"		
<i>Nemoura trispinosa = arctica</i>	L	"	2	Hils 1995		
<i>Glossosoma</i>	L	"	2	Hils 1995	imm	
Hydropsychidae	L	I	1	"	imm	N
<i>Ceratopsyche glossinae</i>	L	"	2	Schm Hils 1986		
<i>Cheumatopsyche</i>	L	8-iii	49	Hils 1995		
<i>Hydropsyche betteni</i>	L	0-1	26	Schm Hils 1986		
<i>Nigronia semicornis</i>	L	-	5	Newzey 1966		
<i>Optioservus</i>	L	80-xii	97	Hils Schm 1992		
<i>O. fastiditus</i>	L, A	0-11	27	"		
<i>Stenelmis</i>	L	I	1	"		
<i>Adherix variegata</i>	L	I	1	Hils 1995		
<i>Colicoides</i>	L	I	1	"		
<i>Neoplasta</i>	L	iii	3	Court Mer 2008		
<i>Simulium vittatum</i> species complex 08110217	L	-iii	9	Adl et al 2004		
<i>Simulium</i>	P	"	2	"		N
<i>Antocha</i>	L	"	2	Hils 1995		
<i>Dicranota</i>	L	-iii	8	"		
<i>Gammarus pseudolimnaeus</i>	A	x-1	16	Hils 1972		
<i>Caecidotea intermedia</i>	A	x-	15	Will 1972		
Dugesidae	A	I	1	Thorp Reg 2016		
Tubificinae (without hairs)	A	"	2	Klemm 1985		
<i>split A3 Chironomidae</i>	L	-iii JSD				
<i>Taetenia</i>	P	"	2	Ferre et al 2008		N
<i>Meopelopia</i>	L	I	1	Cran Epl 2013		
<i>Otriocladinae</i> 08300000	L	iii	3	Cranston 2013	imm	N
<i>Corynoeura</i>	L	I	1	And + 3 2013		
<i>Diplocladius</i>	L	"	2	"		
<i>Nanocladius</i>	L	iii	3	"	imm	N
<i>N. (Nanocladius)</i>	L	iii	4	"		
<i>Parakiefferiella</i>	L	I	1	"		
<i>Parametrioctenemus</i>	L	x	10	"		
<i>Taetenia havanaica</i> group	L	800-	105	Bode 1983		
<i>Chironominae</i> 08330000	L	-	5	Cranston 2013	not in det imm	N
<i>Microseetra</i>	L	xI	11	Epl et al 2013		

> 3 taxa, TUAL ≤ 2.0

3B < (0.1 x 5411)

