State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 53707-7291
dnr.wi.gov

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

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

Station Summary

Waterbody Name	**Waterbody ID Code**	**Sample ID (YYYYMMDD-CY-FD)**
UNT to Daly		20191104-43-05

Sampling Location: 5m US of crossing

Database Key: 210284825

SWIMS Station ID	**SWIMS Station Name**
10052999	UNT TO DALY CREEK - EMOND LANE

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
		SWIMS SWDV GPS	WGS84 or NAD83

Basin (WMU)	**Watershed Name**	**County**
GREEN BAY	LITTLE RIVER	OCONTO

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
ANDREW HUDAK	LITTLE RIVER TWA ASSESSMENT 2018, 2019

Sampling Device

- [X] 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)	**Estimated Area Sampled (m^2)**	**Number of Samples in Composite**	**Replicate No.** ___ **of** ___
3	3	1	1 of 1

Reason For Sampling

- [ ] Least Impacted Reference
- [ ] Baseline
- [ ] Impact / Treatment Site
- [ ] Control Site
- [ ] Trend
- [X] Other: Targeted Watershed Assessment

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
4.75	11.4	91	7.87	.584	7122

Water Color

- [ ] Clear
- [ ] Turbid
- [X] Stained

Estimated Stream Velocity (m/s)

- [X] Slow (< 0.15 m/s)
- [ ] Moderate (0.15 m/s - 0.5 m/s)
- [ ] Fast (> 0.5 m/s)

Measured Velocity (circle units m/s **or** f/s)	**Average Stream Depth of reach (m)**	**Average Stream Width of reach (m)**
	.15	3

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): _____

Sand: 30 Clay: _____ Silt/Muck: 30 Overhanging Vegetation: _____

Aquatic Macrophytes: _____ Leaf Snags: 30 Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 60 **Canopy Cover at Sample Site (%)** 70

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

Comments

Special Instructions for Laboratory

2B = 128

Total = 128

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Murphy Stehlinger	Dimick, Jeffrey	7%
Date Processed	**Specimens Saved**	
1/23/2020	Subsample archived in BBL until Apr 2023	

Wisconsin Department of Natural Resources
ABL SampleNum: **20191104-43-05**
Taxonomist: Dimick, Jeffrey

Waterbody: **Unnamed Tributary to Daly Creek**
SWIMS Database Key: **210284825**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Maccaffertium vicarium	L	IIII	4	Klub 2016		
Leptophlebia	L	8x-IIII	59	"	dam/imm	N
L. cupida	L	II	2	"		
Allocapnia	L	I	1	Wils 1995		
Lepidostoma	L	IIII	4	"		
Limnephilidae	L	IIII	4	"	imm	N
Limnephilus	L	I	1	"		
Pycnopsyche	L	-I	6	"		
Lype diversa	L	-I	6	"		
Nigronia serricornis	L	I	1	Neunzig 1986		
Bezzia/Palpomyia	L	I	1	Wils 1995		
Neoplasta	L	I	1	Coon Merr 2008		
Chrysops	L	II	2	Wils 1995		
Antocha	L	I	1	"		
Pupa	L	I	1	"		
Gammarus pseudolimnaeus	A	-II	7	Wals 1972		
Caecidotea intermedia	A	I	1	Will 1972		
Pisidium	A	III	3	Mackie 2007		
Tubificinae (without hairs)	A	I	1	Klemm 1985		Y
Tubificinae (with hairs)	A	I	1	"		Y
Corynoneura 08270700	L	I	1	Cran Epl 2013		
Nilotanypus	L	I	1	"		
Procladius	L	II	2	"	imm	
Zavrelimyia 08273000	L	II	2	"		
Brillia	L	I	1	Brdf3 2013	imm	
Orthocladius (Symposiocladius) lignicola	L	I	1	"		
Parakiefferiella	L	I	1	"		
Parametriocnemus	L	I	1	"		
Chironominae 08330000	L	I	1	Coaston 2013	imm	N
Cladotanytarsus	L	II	2	Epl et al 2013		
Micropsectra	L	-IIII	9	"		
Paratanytarsus longistilus	L	I	1	"		
Phaenopsectra punctipes group	L	I	1	Epler 2001	imm	
Polypedilum (Polypedilum) albicorne	L	I	1	Bolton 2012		
P. (P.) illinoense group	L	I	1	"		
P. (Uresipedilum) aviceps	L	I	1	"		
P. (U.) flavum	L	I	1	"		

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Rheotanytarsus	L	II	2	Epler 2013		
Stempellinella	L	III	3	"		
Stenochironomus	L	I	1	"		
Tanytarsus	L	II	2	"		