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)
PHEASANT BRANCH	805900	20171121-13-01

Sampling Location: Under Airport Rd Bridge

Database Key: 151342302

SWIMS Station ID	SWIMS Station Name
133316	PHEASANT BRANCH AT AIRPORT ROAD NEAR MIDDLETON WI

Latitude	Longitude	Lat/Long Determination Method (circle)	Datum Used if using GPS
43.11115	89.53596	SWIMS (SWDV) GPS	WGS84 or NAD83

Basin (WMU)	Watershed Name	County
LOWER ROCK	SIX MILE AND PHEASANT BRANCH CREEKS	DANE

Sample and Site Descriptors

Sample Collector (Last Name, First)	Project Name
MICHAEL SORGE	NEVIN HATCHERY ADAPTIVE MANAGEMENT MONITORING

Sampling Device

- [X] D-Frame Kick Net
- [ ] Surber Sampler
- [ ] Eckman
- [ ] Ponar
- [ ] Artificial Substrate
- [ ] Hess Sampler
- [ ] Other: _____

Habitat Sampled

- [X] 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 ____
2	2	1	

Reason For Sampling

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

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
6.8	9.86	80.7			

Water Color

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

Estimated Stream Velocity (m/s)

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

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 30 Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 10

Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

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

Embeddedness of Substrate at Sample Site (%) 10 **Canopy Cover at Sample Site (%)** 100

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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

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Kayla Wilcox	Dimick, Jeffrey	132
Date Processed	**Specimens Saved**	
9/16/18	subsample archived in ABL until Nov 2021	

A3=104
D3=71 /175

Wisconsin Department of Natural Resources
ABL SampleNum: **20171121-13-01**
Taxonomist: Dimick, Jeffrey

Waterbody: **Pheasant Branch**
SWIMS Database Key: **151342302**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Simulium vittatum species complex 08110217	L	80-III	68	Adler et al 2004		
Coecidotea intermedia	A	05 05 III	74	Will 1972		
Dugesiidae	A	05 III	44	Thorp Rog 2016		
Tubificinae (without hairs)	A	80 1	61	Klemm 1985		
~~Split 3 Chironomidae~~	L	-VIII				
Conchapelopia 08270700	L	II	2	Cranston 2013		
Cheletadius dicer group	L	I	1	Anderson 2013		
Eukiefferiella ~~brehmi group~~ claripennis group	L	II	2	"		
Hydrobaenus	L	I	1	"		
Parametriocnemus	L	-III	8	"		
Tvetenia bavarica group	L	III	3	Bode 1983		
Orthocladius (Orthocladius)	L	I	1	Anderson 2013		
Cricotopus / Orthocladius	L	I	1	Ferrington et al 2008	mt indet	N
Cricotopus (Cricotopus) bicinctus group	L	II	2	Anderson 2013		
Chironominae 08330000	L	I	1	Cranston 2013	mt indet	N
Micropsectra	L	-III	8	Epler et al 2013		
Paraphaenocladius	L	I	1	"	imm	
Rheotanytarsus	L	I	1	"		

<23 taxa, TVAL ≤ 2.0