

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name MOLLIES CREEK	Waterbody ID Code 1716600	Sample ID (YYYYMMDD-CY-FD) 20161019-27-03
--	-------------------------------------	---

Sampling Location 60m US of bridge by Beaver Dam	Database Key 134803473
--	----------------------------------

SWIMS Station ID 10044931	SWIMS Station Name MOLLIES CREEK AT S. CEMETERY ROAD
-------------------------------------	--

Latitude 44.3824656	Longitude -90.6903969	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
-------------------------------	---------------------------------	---	--

Basin (WMU) BLACK RIVER	Watershed Name MORRISON CREEK	County JACKSON
-----------------------------------	---	--------------------------

Sample and Site Descriptors

Sample Collector (Last Name, First) CAMILLE BRUHN	Project Name WEST DISTRICT NC STREAM STRATIFIED SITES 2016
---	--

Sampling Device

☒ 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) 5	Estimated Area Sampled (m²) 5	Number of Samples in Composite 1	Replicate No. 1 of 1
---------------------------------------	--	--	------------------------------------

Reason For Sampling

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

Water Temp. (C) 12.09	D.O. (mg/l) 6.72	D.O. (%sat.) 62.7	pH (su) 5.62	Conductivity (umhos/cm) 22	Transparency (cm) 92
---------------------------------	----------------------------	-----------------------------	------------------------	--------------------------------------	--------------------------------

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)
--	--

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.8	Average Stream Width of reach (m) 7
--	---	---

Composition of Substrate Sampled (Percent):

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

Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: 90%
--------------------	--------------------	-------------------------	------------------------------------

Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: 10%	Other (): _____
-----------------------------------	--------------------------	---------------------------------	--------------------------

Embeddedness of Substrate at Sample Site (%) _____	Canopy Cover at Sample Site (%) 0%
---	---

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

Comments We sampled ~60m US of bridge by the beaver dam. This stream is incredibly deep & stained. There was no coarse rubble, gravel, etc. to sample, so overhanging vegetation & woody debris were sampled.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Taylor Hass	Taxonomist Dimitri Jeffrey	Estimated Percent of Sample Sorted 100%
Date Processed 4-13-17	Specimens Saved subsample archived in ABL until Oct 2020	

C2 6

E3 0

Full Sort! TMT

Pinch 1 : 7

Pinch 2 : 11

Pinch 3 : 7

Pinch 4 : 7

Pinch 5 : 7

Wisconsin Department of Natural Resources

ABL SampleNum: 20161019-27-03

Taxonomist: Dimick, Jeffrey

 Waterbody: Mollies Creek
 SWIMS Database Key: 134803473

Page 1 of 1

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetisca laurentina</i>	L	I	1	Wilsenhoff 1984 Klubertanz 2016		
<i>Eurylophella</i>	L	-III	10	Klubertanz 2016	imm	N
<i>E. temporalis</i>	L	-I	6	"		
<i>Leptophlebia</i>	L	III	3	"	imm	
<i>Hydropsyche</i>	L	I	1	Wilsenhoff 1985	imm	
<i>Limnephilidae</i>	L	II	2	"	imm	N
<i>Platycentropus</i>	L	I	1	"	imm	N
<i>P. amicus</i>	L	II	2	Wiggins 1996		
<i>Ptilostomis</i>	L	I	1	Wilsenhoff 1985		
<i>Tipula</i>	L	I	1	"		
<i>Belostoma flumineum</i>	A	III	3	Wilsenhoff 1984a		
<i>Hesperocorixa atropodonta</i>	A	I	1	"		
<i>H. michiganensis</i>	A	III	3	"		
<i>H. minoretta</i>	A	x-III	18	"		
<i>H. vulgaris</i>	A	I	1	"		
<i>H. kennicottii</i>	A	-I	6	"		
<i>Sigara compressoides</i>	A	0-III	29	"		
<i>S. decorata</i>	A	I	1	"		
<i>S. douglasensis</i>	A	DI	21	"		
<i>S. mackinacensis</i>	A	-I	6	"		
<i>S. signata</i>	A	-III	9	"		
<i>Panatra fusca</i>	A	II	2	"		
<i>Notonecta lunata</i>	A	I	1	"		
<i>Tubificinae w/p capilliform chaetae</i>	A	I	1	Klemm 1985		
Split A3 Chironomidae	L	II-III				
<i>Ceratopeltia</i>	L	I	1	Cran, Epler 2013		
<i>Menopelonia</i>	L	I	1	"		
<i>Orthocladinae</i> 08300000	L	I	1	Cranston 2013	imm	N
<i>Limnophyes</i>	L	II	2	Andr + 3 2013		
<i>Paramegotropus</i>	L	I	1	"		
<i>Rheocricotopus unidentatus</i>	L	II	2	Epler 2001		
<i>Chironomus</i>	L	I	1	Epler et al 2013		
<i>Microsectra</i>	L	-II	7	"		