

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name HENNON CREEK	Waterbody ID Code 2155900	Sample ID (YYYYMMDD-CY-FD) 20191107-09-103
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Sampling Location DS culvert ~15m	Database Key 212996090 J10
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SWIMS Station ID 10008710	SWIMS Station Name HENNON CREEK - 80TH AVE. [1]
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Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) LOWER CHIPPEWA	Watershed Name LOWER YELLOW (CHIPPEWA CO.) RIVER	County CHIPPEWA
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Sample and Site Descriptors

Sample Collector (Last Name, First) MYCAL RALEIGH	Project Name LOTZ CREEK-YELLOW RIVER/PIKE CREEK TWA 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) 2	Estimated Area Sampled (m²) 2	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: TWA

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.1	Average Stream Width of reach (m) 3.5
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): 20	Rubble (tennisball to basketball): 70	Gravel (ladybug to tennisball): 10
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Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
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Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____
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Embeddedness of Substrate at Sample Site (%) 0	Canopy Cover at Sample Site (%) 20
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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	PL	U	Chlorine	U	U
- Filamentous Algae	N	U	Dissolved Oxygen	U	U
- Planktonic Algae	N	U	Nutrients (P, N...)	U	U
Iron Bacteria	N	U	Toxics: - Inorganic (Metals)	U	U
Macrophytes	N	U	- Organic (PCBs, pesticides...)	U	U
Slimes	N	U	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	PL	U
			Point Source - Specify:	PL	U
			Pasturing of Livestock	PL	U
Bank Erosion	PL	U	Runoff: - Barnyard	U	U
Channelization: - Upstream	N	N	- Construction	N	U
- Downstream	N	N	- Cropland	PH	PH
Hydraulic Scour / Channel Incision	N	N	- Urban	PL	U
Impoundment: - Upstream	PL	N	Septic Systems	U	U
- Downstream	N	N	Tile Drainage - Organic Soils	U	U
Low Flow	U	U	- Mineral Soils	U	U
Sedimentation	PL	U	Springs	U	U
Sludge	U	U	Tributary(s)	U	U
Thermal	U	U	Wetland	PL	U
Turbidity	U	U	Other - Specify:		
Other - Specify:					

Comments Stream runs through yard U.S. of Culvert for ~50m, then turns into wetlands. Small man-made rock dam U.S. of culvert ~30m that forms small pool above it. Pasturing on other side of house. Substrate U.S. is sand/silt w/ some gravel; DS is gravel, cobble and sand

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Kiersten Czarnecki	Taxonomist Derrick Jeffrey	Estimated Percent of Sample Sorted 13%
Date Processed 01/28/2020	Specimens Saved Subsample archived in ABL mbr 1 Apr 2023	

D2:120 > 330 specs
E3:210

Wisconsin Department of Natural Resources

ABL SampleNum: 20191107-09-03

Taxonomist: Dimick, Jeffrey

Waterbody: Hennon Creek

SWIMS Database Key: 212996090

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Acerpenna maddunoughi</i>	L	III	3	Klub 2016		
<i>A. pygmaea</i>	L	IV	3	"		
<i>Caenis</i>	L	XI	11	"	imm	N
<i>C. latipennis</i>	L	XII	12	"		
<i>Marshallia medipunctatum</i>	L	I	1	"		
<i>Stenocranus</i>	L	III	8	"	imm	N
<i>S. intermedium</i>	L	I	1	"		
<i>Allocaenia</i>	L	"	2	Hils 1995		
<i>Perlidae</i>	L	I	1	"	imm	
<i>Chumatopsyche</i>	L	I-III	39	"		
<i>Hydropsyche beckeri</i>	L	-	5	Schm Hils 1986		
<i>Limnephilidae</i>	L	I	1	Hils 1995	imm	
<i>Opt. Dithiraphia</i>	L	"	2	Hils Schm 1992		
<i>Optioservus</i>	L	I	6	"	imm	
<i>Stenelmis</i>	L	I	1	"		N
<i>S. crenata</i>	A	"	2	"		
<i>Bezzia / Palpomyia</i>	L	IV	2	Hils 1995		
<i>Hemerodromia</i>	L	III	5	Court Merr 2008		
<i>Simulium</i>	L	"	2	Adl et al 2004	imm	
<i>Cyclopidae</i>	A	I	1	Thorp Pos 2016		
<i>Laevapex fuscus</i>	A	III	8	"		
<i>Endopteraeidae</i>	A	IV	2	"		
<i>Naididae</i>	A	"	2	Brinck 1991		
<i>Tubificinae (without hairs)</i>	A	I	1	Klemm 1985		
Split A3 Chironomidae	L	III				
<i>Parametriocheilus</i>	L	III	43	And+3 2013		
<i>Conchapelopia 08270700</i>	L	III	4	Cran Epl 2013		
<i>Metopelopia</i>	L	I	1	"		
<i>Zavelomyia 08273000</i>	L	I	1	"		
<i>Thienemannimyia group</i>	L	III	3	"	imm	N
<i>Orthocladinae 08300000</i>	L	III	3	Cranston 2013	mt indet	N
<i>Corynoneura</i>	L	"	2	And+3 2013		
<i>Opiocladus</i>	L	III	3	"		
<i>Hydrobaenus</i>	L	I	1	"		
<i>Orthocladus (Orthocladus)</i>	L	I	1	"		
<i>Rhyacotopus</i>	L	I	1	"		
<i>Thienemannella</i>	L	I	1	"	mt indet	N

Taxonomist: Dimick, Jeffrey

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