

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name AHNAPEE RIVER		Waterbody ID Code 94800	Sample ID (YYYYMMDD-CY-FD) 201710171512
Sampling Location			Database Key 149816362
SWIMS Station ID 153161	SWIMS Station Name AHNAPEE RIVER AT CTH H FORESTVILLE		
Latitude 44.74771	Longitude -87.53657	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) TWIN - DOOR - KEWAUNEE		Watershed Name AHNAPEE RIVER	County DOOR

Sample and Site Descriptors

Sample Collector (Last Name, First) MARY GANSBERG	Project Name NER LONG-TERM TREND WADEABLE REFERENCE STREAMS
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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) 1	Estimated Area Sampled (m²) 3.3	Number of Samples in Composite 1	Replicate No. _____ of _____
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Reason for Sampling

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

Water Temp. (C) 8.6	D.O. (mg/l) 10.4	D.O. (% sat.) 89.2	pH (su) 7.4	Conductivity (umhos/cm) 761	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) 0.12	Average Stream Width of reach (m) 14.2
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 70	Gravel (ladybug to tennisball): 30
Sand: 10	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____

Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other ():: _____
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Embeddedness of Substrate at Sample Site (%) 10	Canopy Cover at Sample Site (%) 10
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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			
				Point Source - Specify:			
				Pasturing of Livestock			
Physical				Runoff: - Barnyard			
Bank Erosion				- Construction			
Channelization: - Upstream				- Cropland			
- Downstream				- Urban			
Hydraulic Scour / Channel Incision				Septic Systems			
Impoundment: - Upstream				Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow				Springs			
Sedimentation				Tributary(s)			
Sludge				Wetland			
Thermal				Other - Specify:			
Turbidity							
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Sam Lamarche</i>	Taxonomist <i>Dimick, Jeffery</i>	Estimated Percent of Sample Sorted <i>13%</i>
Date Processed <i>10/25/18</i>	Specimens Saved <i>Subsample archived in ABC until Jan 2022</i>	

2A 3D

69 99 = 168

Wisconsin Department of Natural Resources

ABL SampleNum: 20171017-15-12

Taxonomist: Dimick, Jeffrey

Waterbody: Ahnapee River
SWIMS Database Key: 149816362

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Caenis	L	I	1	Klich 2016	imm	
Stenacron	L	-I	6	"	imm	
Maccaffertium	L	I	1	"	imm	N
^{1/3} M. vicareum	L	III	3	"		
Baetis flavistriga species complex	L	I	1	"		
Calopteryx	L	I	1	West May 1996	imm	
Helicopsyche borealis	L	II	2	Hils 1995		
Chumatopsyche	L	XIII	14	"		
Hydropsychidae	L	I	1	"	imm	N
Hydropsyche betteni	L	XII	12	Schmidt Hils 1986		
Ceratopsyche	L	II	2	Hils 1995	dam	N
C. branta	L	II	2	Schmidt Hils 1986		
C. glossosoma	L	X-I	16	"		
Mystacides	L	III	3	Hils 1995	imm	
Limnephilidae	L	II	2	"	imm	
Chimarra	L	I	1	"	imm	N
Ch. aduncima	L	I	1	Hils 1982		
Oligoneurus	L	X-III	18	Hils Schmidt 1992	imm	N
O. fastidiosus	L	X	10	"		
Hemerodromia	L	I	1	Court Marc 2008		
Simulium	L	I	1	Adl et al 2004	imm	N
S. vittatum species complex 08110217	L	III	4	"		
Tipulidae	L	I	1	Hils 1995	dam	Y
Antocha	L	III	4	"		
Dicranota	L	II	2	"		
Gammarus pseudolimnacus	A	2	25	Hils 1972		
Caecidodea intermedia	A	-III	9	Will 1972		
Hygrobatas	A	I	1	Muehling 1984		
Dugesidae	A	-I	6	Thorp Bog 2016		
Tubificinae (without hairs)	A	II	2	Klemm 1985		
Spill A3 Chironomidae	L	2-330				
Conchapelopia	L	I	1	Cron Epl 2013		
Thienemannimyia group	L	II	2	"	imm	N
Parametriacremus	L	I	2	Ander + 3 2013		
Thienemannella	L	I	1	"	dam	
Cladotanytarsus	L	III	4	Epl et al 2013		

< 3 taxa, TVALS 2.0

Taxonomist: Dimick, Jeffrey

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[illegible]