

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name AHNAPEE RIVER		Waterbody ID Code 94800	Sample ID (YYYYMMDD-CY-FD) 20190930-15-22
Sampling Location US OF CTH H			Database Key 209711237
SWIMS Station ID 153161		SWIMS Station Name AHNAPEE RIVER AT CTH H FORESTVILLE	
Latitude	Longitude	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 STREAM
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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) 1.5	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) 13.4	D.O. (mg/l) 6.8	D.O. (% sat.) 65.2	pH (su) 7.7	Conductivity (umhos/cm) 586	Transparency (cm) -
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Water Color <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10
 Rubble (tennisball to basketball): 60
 Gravel (ladybug to tennisball): 20
 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 (%) 10

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Noas, Eric</i>	Taxonomist <i>Dimock, Jeffrey</i>	Estimated Percent of Sample Sorted <i>8.3%</i>
Date Processed <i>10-14-21</i>	Specimens Saved <i>Subsample archived in ABC until Dec 2023</i>	

*D2Q1 A2Q4 D2Q4 A2Q2 D2Q3
 32 26 19 34 20 = 131*

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis brunneicolar</i>	L	1	1	Kub 2016		
<i>Caenis punctata</i>	L	1	1	"		
<i>Stenacron</i>	L	1	1	Merrillum B 2019	imm	
<i>Helicopsyche borealis</i>	L	30	30	Hils 1995		
Hydropsychidae	L	1	1	Merrillum B 2019	imm	N
<i>Ceratopsyche glossonae</i>	L	7	7	Schm Hils 1986		
<i>Cheumatopsyche</i>	L	4	4	Merrillum B 2019		
Hydropsyche	L	4	4	Hils 1985	imm	N
<i>H. betteni</i>	L	13	13	Schm Hils 1986		
<i>Mystacides</i>	L	2	2	Merrillum B 2019	imm	N
<i>M. sepulchralis</i>	L	3	3	Yama Wigg 1964		
<i>Chimarra</i>	L	1	1	Merrillum B 2019	imm	N
<i>C. aterrima</i>	L	3	3	Hils 1982		
<i>Otioservus</i>	L	9	9	Hils Schm 1992	imm	N
<i>O. fastiditus</i> L.10 A.1	L/A	11	11	"		
<i>Stenelmis</i>	L	1	1	Merrillum B 2019		
<i>Ectopria</i>	L	1	1	"	imm	
<i>Simulium vittatum</i> species complex 08110217	L	1	1	Adl et al 2004		
Dicranota	L	5	5	Merrillum B 2019		
<i>Gammarus pseudolimnaeus</i>	A	4	4	Hils 1972		
<i>Caecidotea</i>	A	10	10	Thorp Reg 2016	imm	
<i>Tipula</i>	L	1	1	Merrillum B 2019		
<i>Nygrobates</i>	A	1	1	Peck et al 1990		
<i>Limnesia</i>	A	1	1	"		
Dugesidae	A	4	4	Thorp Reg 2016		
Split A2 Chironomidae	L	1	1			
<i>Corynoneura</i>	L	1	1	And et al 2013		
<i>Tretanta bavarica</i> group	L	1	1	Bode 1983		
<i>Microtendipes pedellus</i> group	L	3	3	And et al 2013		
<i>Rhectanytarsus</i>	L	1	1	"		
Chironomidae 08250000	L	1	1	Merrillum B 2019	mt indet	Y
<i>Eukiefferiella</i>	L	1	1	And et al 2013	mt indet	
<i>Thienemanniella</i>	L	1	1	"	imm	
<i>Paratanytarsus longistilus</i>	L	2	2	"		
<i>Tanytarsus</i>	L	1	1	"		

<3 taxa, TVAL 520