

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name AHNAPEE RIVER	Waterbody ID Code 94800	Sample ID (YYYYMMDD-CY-FD) 202109301503
Sampling Location CTH H		Database Key 285168603

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

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) 1.0	Number of Samples in Composite 1	Replicate No. _____ of _____
---------------------------------------	--	--	--

Reason For Sampling

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

Water Temp. (C) 11.3	D.O. (mg/l) 11.6	D.O. (% sat.) 106.8	pH (su) 8.1	Conductivity (umhos/cm) 771	Transparency (cm)
--------------------------------	----------------------------	-------------------------------	-----------------------	---------------------------------------	--------------------------

Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input checked="" type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
--	--

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 6.5	Average Stream Width of reach (m) 14
--	---	--

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 80
 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:			
Physical				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

(R2): 2a-9 C1 4a-6 A3 2a-3 C3 4a-9 D3 3a-8 B4 1a-4
 D4 4a-5 2a-7 4a-10 1a-6 4a-13 3a-5
 3a-8 3a-5 1a-1 3a-4 2a- 4a-
 1a-10 1a-3 3a-3 2a-9 1a- 2a-

For Lab Use Only

Sample Sorter Nordstrom, Abigail	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted R1: 43.75 / R2: 31.25%
Date Processed 11/03/2022	Specimens Saved R1: 131 R2: 128	Subsamples archived in ABC until Feb 2026

(R1): 1C 2a-8 A4 2a-9 A1: 4a-5 C3: 2a-3 D4: 1a-6 D2: 3a-4 B2: 3a-5
 4a-3 1a-7 2a-10 4a-4 2a-1 4a-3 2a-6
 3a-2 4a-6 1a-9 3a-5 4a-2 2a-4 4a-7
 1a-2 3a-7 3a-9 1a-1 3a-4 1a-2 1a-10

Taxa	Life Stage	Organism Count			Taxonomic Reference	Condition	Unique Taxon
		Rep 1	Rep 2	Rep 3			
<i>Baetis flavistriga</i> species complex	L	0	2		Klub 2016		
<i>Macafertrum</i>	L	1	0		"	imm	N
<i>M. virarium</i>	L	1	0		"		
<i>Calopteryx maculata</i>	L	1	0		West May 2006		
<i>Helicopsyche borealis</i>	L	4	3		Hils 1985		
Hydropsychidae	L	1	2		MCB 2019	imm	N
Ceratopsyche	L	2	0		Hils 1985	imm	N
<i>C. bronata</i>	L	1	3		Schm Hils 1986		
<i>C. slossomae</i>	L	15	20		"		
Cheumatopsyche	L	29	38		MCB 2019		
<i>Hydropsyche betteni</i>	L	30	13		Schm Hils 1986		
<i>Mytacidus</i>	L	1	0		MCB 2019	imm	
<i>Chimarra aterrima</i>	L	3	2		Hils 1982		
Trichoptera 04000000 Integropalpus	L	0	1		MCB 2019	imm	Y
Elophila	L	0	1		"		
<i>Microvelia americana</i>	A	0	1		Hils 1986		
Dixoraphia	L	0	1		MCB 2019		
<i>Optrosenus</i>	L	28	16		"	imm	N
<i>O. fastidius</i> R1 L16 A.3 R2 L15 A.2	LA	19	17		Hils Schm 1992		
<i>Stenelmis</i>	L	3	0		MCB 2019		
<i>Ectoparra</i>	L	0	1		"	imm	
<i>Tretania</i> 08304803	P	0	2		"		N
<i>Nemerochroma</i>	L	1	2		"		
<i>Simulium vittatum</i> species complex 08110217	L	0	3		Alder et al 2004		
<i>Antocha</i>	L	4	2		MCB 2019		
<i>Dicranota</i>	L	3	0		"		
<i>Tipula</i>	L	1	0		"		
<i>Gammarus pseudolimnacus</i>	A	3	3		Hils 1972		
Caecidotea	A	3	1		Thorp Rog 2016		
Dugesidae	A	3	3		"		
Hydrabiidae not P-antypodarum	A	2	0		Burch 1989		
Fossaria	A	0	1		Brown 1991		
Pisidium	A	1	0		Thorp Rog 2016		
Turbidicidae (without hairs)	A	0	1		Kath Brin 1998		
Hydrobates	A	5	8		Peck et al 1990		
Spatechidae	A	1	2		"		
Spitzia Chironomidae	L	1	3				
<i>Meronelepis</i>	L	0	1		Alder et al 2013		
<i>Ceratopus (Ceratopus) bimectus</i> group	L	0	1		"		

< 3 taxa, TVAL ≤ 2.0

