

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name LITTLE SCARBORO CREEK	Waterbody ID Code 90800	Sample ID (YYYYMMDD-CY-FD) 20181001-31-19
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Sampling Location	Database Key 168775462
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SWIMS Station ID 10007957	SWIMS Station Name LITTLE SCARBORO CREEK 1 (CTH A)
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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) TWIN - DOOR - KEWAUNEE	Watershed Name KEWAUNEE RIVER	County KEWAUNEE
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Sample and Site Descriptors

Sample Collector (Last Name, First) MARY GANSBERG	Project Name NE LAKESHORE TMDL SUPPLEMENTAL MONITORING
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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) 10	Estimated Area Sampled (m²) 2.5	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: TMDL

Water Temp. (C) 9.7	D.O. (mg/l) 10.6	D.O. (% sat.) 93.5	pH (su) 8.2	Conductivity (umhos/cm) 688	Transparency (cm)
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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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.06	Average Stream Width of reach (m) 1.8
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Composition of Substrate Sampled (Percent):

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

Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

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

Embeddedness of Substrate at Sample Site (%) 50
Canopy Cover at Sample Site (%) 100

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	Kyala Wilca	Estimated Percent of Sample Sorted
Date Processed	6/6/19	7%
	Taxonomist Dimitri Jeffrey	
	Specimens Saved 267	

Ba = 267

Subsample archived in ABL until Aug 2022

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis brunneicolar</i>	L	/	5	Klob 2016		
Heptageniidae	L	"	2	"	imm	N
<i>Maccaffertium vicarium</i>	L	x1	11	"		
Cheumatopsyche	L	x	10	Hils 1995		
Hydropsyche	L	1	1	"	imm	N
<i>H. betteri</i>	L	"	2	Schm Hils 1986		
<i>Dipterona modesta</i>	L	iii	3	Hils 1995		
<i>Ceratopsyche glossanae</i>	L	1	1	Schm Hils 1986		
Limnophilidae	L	1	1	Hils 1995	imm	
<i>Optiosewus</i>	L	80x-iii	99	Hils Schm 1992	imm	N
<i>O. fastidius</i> L, 14 A, 12	LA	0-1	26	"		
<i>Stenelmis</i>	L	ii	2	"		
<i>Notiodes</i>	A	1	1	Hils 1995		
<i>Ceratopogon culicidithorax</i>	L	1	1	"		
<i>Simulium jenningsi</i> species group	L	iii	3	Ael et al 2004	imm	
Chironomus	L	/	5	Hils 1995		
<i>Dicranota</i>	L	1	1	"		
<i>Limnophila</i>	L	1	1	"		
<i>Tipula</i>	L	-iiii	9	"		
<i>Dixa</i>	L	1	1	"		
<i>Neoplasta</i>	L	1	1	Burt Merr 2008		
<i>Tvetenia</i>	P		1	Ferret al 2008		N
<i>Gammarus pseudolimnaeus</i>	A	880iii	103	Hils 1972		
Membranidae	A	ii	2	Theop Pog 2016		
Physa	A	1	1	"		
<i>Pisidium</i>	A	1	1	Burch 1972		
Split A2 Chironomidae	L	WD				
<i>Corypseura</i>	L	1	1	And+3 2013		
<i>Tvetenia bavarica</i> group	L	1	1	Bode 1983		
<i>Miltotanytus</i>	L	1	1	Cran Epl 2013		
<i>Brillia</i>	L	1	1	And+3 2013	imm	
<i>Rhyotanytarsus</i>	L	iii	3	Epl et al 2013		