

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name SILVER CREEK		Waterbody ID Code 94900	Sample ID (YYYYMMDD-CY-FD) 20180926-31-16
Sampling Location			Database Key 168775478
SWIMS Station ID 10051615		SWIMS Station Name SILVER CREEK AT PARTRIDGE ROAD (WEST CROSSING)	
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 KEWAUNEE

Sample and Site Descriptors	
Sample Collector (Last Name, First) MARY GANSBERG	Project Name NE LAKESHORE TMDL SUPPLEMENTAL MONITORING

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 (m <sup>2</sup> ) 5.5	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) 12.6	D.O. (mg/l) 9.9	D.O. (% sat.) 92.7	pH (su) 7.9	Conductivity (umhos/cm) 847	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) 0.2	Average Stream Width of reach (m) 6.0
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Composition of Substrate Sampled (Percent):

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 20  
 Sand: 10 Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: 20 Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: \_\_\_\_\_ Other (\_\_\_\_): \_\_\_\_\_

Embeddedness of Substrate at Sample Site (%) 0 Canopy Cover at Sample Site (%) 0

**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
<b>Biological</b>				<b>Chemical</b>			
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:				<b>Sources of Stream Impacts</b>			
				Bank Erosion			
				Point Source - Specify:			
				Pasturing of Livestock			
<b>Physical</b>				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>Keyla Wilcox</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>79%</i>
Date Processed <i>6/5/19</i>	Specimens Saved <i>141</i>	

DI = 141

Subsample archived on ABC until Aug 2022

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Chironella clid	L	I	1	Hils 1995		
Baetis	L	I	1	Klb 2016	dam	N
B. brunneicolor	L	III	4	"		
B. flavistoga species complex	L	I	1	"		
Maccaffertium	L	I	1	"	imm	N
M. vicarium	L	I	1	"		
Glossosoma	L	I	1	Hils 1995	imm	
Melopsyche borealis	L	I	1	"		
Cheumatopsyche	L	XIII	13	"		
Hydropsyche	L	II	2	"	imm	N
H. betteni	L	II	2	Schm Hils 1986		
Ceratopsyche stassoni albedra	L	I	1	"		
C. stassoni	L	I	6	"		
Lepidostoma	L	I	1	Hils 1995		
Optioservus	L	X-III	18	Hils Schum 1992	imm	N
O. fastidiosus LB A.2	LA	X	10	"		
Dicranota	L	I	1	Hils 1995		
Tipula	L	II	2	"		
Thienemannella	P	I	1	Ferr et al 2000		
Tretania	P	II	2	"		
Gammarus pseudolimnacus	A	8-11	47	Hils 1972		
Caecidotea intermedia	A	II	7	Will 1972		
Hygrobatas	A	I	1	Pluch 1984		
Tubificinae	A	I	1	Brunfeld 1999	post frag	
Physa	A	II	2	Thorp Ios 2016		
Pisidium	A	I	1	Burch 1972		
<del>split A2 Chironomidae</del>	<del>L</del>	<del>XIII-20</del>				
Orthocladinae 0B30000	L	I	1	Cranston 2013	imm	N
Orthocladus (Orthocladus)	L	I	1	And + 3 2013		
Chironominae 0B33000	L	I	1	Cranston 2013	imm	N
Paratanytarsus longistilus	L	III	3	Epl et al 2013		
Paratandipes	L	I	1	"		
Polypedilum (Uresipedilum) aviceps	L	II	2	Bolton 2012		
Rhyotanytarsus	L	III	4	Epl et al 2013		