

Sample in 2 jars

**Instructions:** Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> SILVER CREEK	<b>Waterbody ID Code</b> 96000	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20191014-31-05
<b>Sampling Location</b> Washington Road		<b>Database Key</b> 210273882

<b>SWIMS Station ID</b> 10016865	<b>SWIMS Station Name</b> SILVER CREEK - WASHINGTON ROAD		
<b>Latitude</b>	<b>Longitude</b>	<b>Lat/Long Determination Method (circle)</b> SWIMS    SWDV    GPS	
<b>Basin (WMU)</b> TWIN - DOOR - KEWAUNEE			<b>Watershed Name</b> STONY CREEK
<b>County</b> KEWAUNEE			<b>Datum Used if using GPS</b> WGS84 or NAD83

**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> MARY K GANSBERG, HOLLY A STEGEMA	<b>Project Name</b> NE LAKESHORE TMDL SUPPLEMENTAL MONITORING 2019
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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

<b>Total Sampling Time (min)</b> 3	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 2	<b>Number of Samples in Composite</b> 2	<b>Replicate No.</b> _____ <b>of</b> _____
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**Reason For Sampling**

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

<b>Water Temp. (C)</b> 6.4	<b>D.O. (mg/l)</b> 11.6	<b>D.O. (% sat.)</b> 94.6	<b>pH (su)</b>	<b>Conductivity (umhos/cm)</b> 332	<b>Transparency (cm)</b>
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<b>Water Color</b> <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <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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<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.3	<b>Average Stream Width of reach (m)</b> 4
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**Composition of Substrate Sampled (Percent):**

**Bedrock:** \_\_\_\_\_   
 **Boulders (basketball or larger):** 30   
 **Rubble (tennisball to basketball):** 50   
 **Gravel (ladybug to tennisball):** 10  
**Sand:** 10   
 **Clay:** \_\_\_\_\_   
 **Silt/Muck:** \_\_\_\_\_   
 **Overhanging Vegetation:** \_\_\_\_\_  
**Aquatic Macrophytes:** \_\_\_\_\_   
**Leaf Snags:** \_\_\_\_\_   
**Coarse Woody Debris:** \_\_\_\_\_   
**Other (\_\_\_\_\_):** \_\_\_\_\_

**Embeddedness of Substrate at Sample Site (%)** 20   
**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
<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:		
<b>Physical</b>			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

Sample in 2 jars  
 3C = 45  
 1E = 42  
 3A = 50  
 Total = 137

For Lab Use Only		
Sample Sorter Murphy Steiliker	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 20%
Date Processed 3/6/2020	Specimens Saved Subsample archived in AAC until Aug 2023	



