

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

**Station Summary**

<b>Waterbody Name</b> OTTER CREEK	<b>Waterbody ID Code</b> 812600	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20181019-54-01
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<b>Sampling Location</b> 50 m downstream of Klug Rd	<b>Database Key</b> 169814031
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<b>SWIMS Station ID</b> 10012580	<b>SWIMS Station Name</b> OTTER CREEK: KLUG RD.(8 FT WEST OF BRIDGE)
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<b>Latitude</b> 42.82145	<b>Longitude</b> 88.91586	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV <u>GPS</u>	<b>Datum Used if using GPS</b> WGS84 or NAD83
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<b>Basin (WMU)</b> LOWER ROCK	<b>Watershed Name</b> LOWER KOSHKONONG CREEK	<b>County</b> ROCK
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**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> AMRHEIN, JAMES	<b>Project Name</b> SCR 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

<b>Total Sampling Time (min)</b> 1	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1	<b>Number of Samples in Composite</b> 1	<b>Replicate No. _____ 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> 7.3	<b>D.O. (mg/l)</b> 9.88	<b>D.O. (% sat.)</b> 82.3	<b>pH (su)</b> 7.96	<b>Conductivity (umhos/cm)</b> 533	<b>Transparency (cm)</b>
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<b>Water Color</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input 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>	<b>Average Stream Width of reach (m)</b>
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 70  
 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			Factors that may be influencing Water Resource Integrity		
Local	Water-shed		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>Abby Adams</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>33%</i>
Date Processed <i>10-25-19</i>	Specimens Saved <i>Subsample archived in ABL until Jan 2023</i>	

E2 D1 B2 D3 C1  
 22 26 32 23 38

Total = 141 + 13 QC specs 154

