

Instructions: Bold fields must be completed.

Station Summary

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

Sample Collector (Last Name, First) AMRHEIN, JAMES	Project Name 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

Total Sampling Time (min) 1	Estimated Area Sampled (m²) 1	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: _____

Water Temp. (C) 7.3	D.O. (mg/l) 9.88	D.O. (% sat.) 82.3	pH (su) 7.96	Conductivity (umhos/cm) 533	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 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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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m)	Average Stream Width of reach (m)
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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	
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 <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