

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

Station Summary			
Waterbody Name OTTER CREEK		Waterbody ID Code 812600	Sample ID (YYYYMMDD-CY-FD) 20211012-54-01
Sampling Location 40 m downstream of Klug Road		Database Key 292570271	
SWIMS Station ID 10012580		SWIMS Station Name OTTER CREEK: KLUG RD.(8 FT WEST OF BRIDGE)	
Latitude 42.82147	Longitude -88.91580	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER ROCK		Watershed Name LOWER KOSHKONONG CREEK	County ROCK
Sample and Site Descriptors			
Sample Collector (Last Name, First) AMRHEIN, JAMES		Project Name SCR LONG-TERM TREND WADEABLE REFERENCE STREAM:	
Sampling Device			
<input checked="" type="checkbox"/> D-Frame Kick Net <input type="checkbox"/> Surber Sampler <input type="checkbox"/> Eckman <input type="checkbox"/> Ponar <input type="checkbox"/> Artificial Substrate <input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____			
Habitat Sampled			
<input checked="" type="checkbox"/> Riffle <input type="checkbox"/> Run <input type="checkbox"/> Pool <input type="checkbox"/> Other <input type="checkbox"/> Shoreline Composite <input type="checkbox"/> Proportionally-Sampled Habitat <input type="checkbox"/> Littoral Zone <input type="checkbox"/> Profundal Zone <input type="checkbox"/> Wetland			
Total Sampling Time (min) 1	Estimated Area Sampled (m²) 1	Number of Samples in Composite 1	Replicate No. _____ of _____
Reason For Sampling			
<input type="checkbox"/> Least Impacted Reference <input type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input checked="" type="checkbox"/> Trend <input type="checkbox"/> Other: _____			
Water Temp. (C) 16.5	D.O. (mg/l) 8.43	D.O. (% sat.) 86.4	pH (su)
Conductivity (umhos/cm) 		Transparency (cm) 	
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)	
Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m)	Average Stream Width of reach (m)	
Composition of Substrate Sampled (Percent):			
Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): <u>10</u>	Gravel (ladybug to tennisball): <u>80</u>
Sand: <u>10</u>	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (_____): _____
Embeddedness of Substrate at Sample Site (%) <u>0</u>		Canopy Cover at Sample Site (%) <u>60</u>	

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:			
Physical				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

For Lab Use Only

Sample Sorter <i>RAYMER, BLAKE</i>	Taxonomist <i>D. Mick, J. Gray</i>	Estimated Percent of Sample Sorted <i>R1=12.5% R2=9.4%</i>
Date Processed <i>10/20/2022</i>	Specimens Saved <i>R1=136 R2=129</i>	<i>subsamples archived in AGL until Jan 2023</i>

0293208391-10 R1=136 C1A1:21 A492:21 R2=129
Q2:17 Q2:12
Q1:17 Q4:22
Q4:14 Q3:24
Q4:19 Q1:23
Q3:26 Q3:19
Q2:17 Q2:12

