

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name CASCO CREEK	Waterbody ID Code 91600	Sample ID (YYYYMMDD-CY-FD) 20180921-31-09	
Sampling Location			Database Key 168775426
SWIMS Station ID 10043376	SWIMS Station Name CASCO CR AT MAPLE RD & CTH S		
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 KEWAUNEE RIVER	County KEWAUNEE
Sample and Site Descriptors			
Sample Collector (Last Name, First) MARY GANSBERG		Project Name NE LAKESHORE TMDL SUPPLEMENTAL MONITORING	
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 type="checkbox"/> Trend <input checked="" type="checkbox"/> Other: <u>TMDL</u>			
Water Temp. (C) 16.7	D.O. (mg/l) 7.9	D.O. (% sat.) 81.4	pH (su) 7.8
Conductivity (umhos/cm) 741		Transparency (cm)	
Water Color		Estimated Stream Velocity (m/s)	
<input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained		<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)	
Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.1	Average Stream Width of reach (m) 1	
Composition of Substrate Sampled (Percent):			
Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): <u>40</u>	Gravel (ladybug to tennisball): <u>40</u>
Sand: <u>20</u>	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____			
Embeddedness of Substrate at Sample Site (%) <u>20</u>		Canopy Cover at Sample Site (%) <u>50</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:			
				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>Logan Cutler</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>7%</i>
Date Processed <i>6/3/19</i>	Specimens Saved <i>188 subsample archived in ABC unit Aug 2022</i>	

E3
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