

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name SPRING CREEK			Waterbody ID Code 2374100		Sample ID (YYYYMMDD-CY-FD) 20161025-55-06
Sampling Location Upstream ATV road				Database Key 133657512	
SWIMS Station ID 10012066		SWIMS Station Name SPRING CREEK - SPRING CREEK			
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS			Datum Used if using GPS WGS84 or NAD83
Basin (WMU) UPPER CHIPPEWA		Watershed Name WEIRGOR CREEK AND BRUNET RIVER			County RUSK
Sample and Site Descriptors					
Sample Collector (Last Name, First) JOSEPH CUNNINGHAM			Project Name BIG WIERGOR CREEK TWA TALU 2016		
Sampling Device					
☒ 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 min	Estimated Area Sampled (m ²) 1 m ²		Number of Samples in Composite 3-20 second kicks		Replicate No. _____ of _____
Reason For Sampling					
☐ Least Impacted Reference ☐ Baseline ☐ Impact / Treatment Site ☐ Control Site ☐ Trend ☒ Other: TWA project					
Water Temp. (C) 2.0	D.O. (mg/l) 13.0	D.O. (% sat.) 107.1	pH (su) 6.3	Conductivity (umhos/cm) 46	Transparency (cm) >120
Water Color ☒ Clear ☐ Turbid ☐ Stained			Estimated Stream Velocity (m/s) ☐ Slow (< 0.15 m/s) ☒ Moderate (0.15 m/s - 0.5 m/s) ☐ Fast (> 0.5 m/s)		
Measured Velocity 2.01 cfs circle units m/s or f/s		Average Stream Depth of reach (m) 0.25		Average Stream Width of reach (m) 4.0	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): 40	
Sand: 10		Clay: _____		Gravel (ladybug to tennisball): 40	
Silt/Muck: _____		Overhanging Vegetation: _____			
Aquatic Macrophytes: _____		Leaf Snags: 10		Coarse Woody Debris: _____	
Other (____): _____					
Embeddedness of Substrate at Sample Site (%) 10%		Canopy Cover at Sample Site (%) 70%			

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	u	u
			Point Source - Specify:		
Physical			Pasturing of Livestock		
Bank Erosion	u	u	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	u	
Sludge			Tributary(s)	u	
Thermal			Wetland	u	
Turbidity			Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Justin Kowalski	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 7%
Date Processed 2/27/15	Specimens Saved subsample archived in BAC until JUL 2020	

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