

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name SPRING CREEK @ ATV Road - downstream			Waterbody ID Code 2374100		Sample ID (YYYYMMDD-CY-FD) 20161025-55-09
Sampling Location Downstream ATV Road				Database Key 139811012	
SWIMS Station ID 10012066		SWIMS Station Name SPRING CREEK - SPRING CREEK			
Latitude 45.61237	Longitude -91.36597	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>		Datum Used if using GPS WGS84 or <u>NAD83</u>	
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					
☒ 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 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: <u>TWA project</u>					
Water Temp. (C) 7.0	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 circle units m/s or f/s		Average Stream Depth of reach (m) 0.25		Average Stream Width of reach (m) 4 m	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): <u>35</u>	
Sand: <u>10</u>		Clay: _____		Gravel (ladybug to tennisball): <u>45</u>	
Aquatic Macrophytes: _____		Leaf Snags: <u>10</u>		Coarse Woody Debris: _____	
Overhanging Vegetation: _____		Other (_____): _____			
Embeddedness of Substrate at Sample Site (%) <u>15%</u>		Canopy Cover at Sample Site (%) <u>70%</u>			

Stream and Watershed Descriptors

N = Not a problem PL = Present, Low Impact
U = Uncertain 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:		
Bank Erosion	U	U	Pasturing of Livestock		
Channelization: - Upstream			Runoff: - Barnyard		
- Downstream			- Construction		
Hydraulic Scour / Channel Incision			- Cropland		
Impoundment: - Upstream			- Urban		
- Downstream			Septic Systems		
Low Flow			Tile Drainage - Organic Soils		
Sedimentation			- Mineral Soils		
Sludge			Springs	U	
Thermal			Tributary(s)	U	
Turbidity			Wetland	U	
Other - Specify:			Other - Specify:		

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Andrew Kohlmann	Taxonomist Derrick Jeffrey	Estimated Percent of Sample Sorted 7%
Date Processed 2/27/17 E3-169	Specimens Saved Subsample archived in ABC until Jan 2020	