

Instructions: Bold fields must be completed.

04

Station Summary					
Waterbody Name Big Weirgor Creek @ Fire Lane Rd			Waterbody ID Code		Sample ID (YYYYMMDD-CY-FD) 20161024-55-04
Sampling Location Down stream				Database Key 133657687	
SWIMS Station ID 10047173		SWIMS Station Name BIG WEIRGOR CREEK DOWNSTREAM OF FIRE LANE ROAD			
Latitude 45.57441	Longitude 91.41286	Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83	
Basin (WMU)		Watershed Name			County Rusk 955
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) 2 min	Estimated Area Sampled (m ²) 2 m ²		Number of Samples in Composite 3-20 sec		Replicate No. 1 of 1
Reason For Sampling					
☐ Least Impacted Reference ☐ Baseline ☐ Impact / Treatment Site ☐ Control Site ☐ Trend ☒ Other: TWA					
Water Temp. (C) 8.61	D.O. (mg/l) 12.72	D.O. (% sat.) 108.2	pH (su) Error	Conductivity (umhos/cm) 22	Transparency (cm) 86
Water Color				Estimated Stream Velocity (m/s)	
☐ Clear ☐ Turbid ☒ Stained				☐ 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) 0.3		Average Stream Width of reach (m) 2.5 m	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 30	Gravel (ladybug to tennisball): 50	
Sand: 10		Clay: _____	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 (%) 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	Local	Water- shed	Factors that may be influencing Water Resource Integrity	Local	Water- shed
Biological			Chemical		
Algae: - Diatoms / Periphyton			Chlorine		
- Filamentous Algae			Dissolved Oxygen	u	u
- Planktonic Algae			Nutrients (P, N...)		
Iron Bacteria			Toxics: - Inorganic (Metals)		
Macrophytes	PL	u	- Organic (PCBs, pesticides...)		
Slimes			Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	u	
			Point Source - Specify:		
Physical			Pasturing of Livestock	u	
Bank Erosion	PL	u	Runoff: - Barnyard		
Channelization: - Upstream			- Construction		
- Downstream			- Cropland		
Hydraulic Scour / Channel Incision			- Urban		
Impoundment: - Upstream		u	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	Taxonomist	Estimated Percent of Sample Sorted
Justin Kowalski	Dimick, Jefferey	7%
Date Processed	Specimens Saved	
2/22/17	Subsample archived in ABL until Jul 2020	

D2
169