

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name UNNAMED			Waterbody ID Code 5027219		Sample ID (YYYYMMDD-CY-FD) 20191024-24-05
Sampling Location					Database Key 210965544
SWIMS Station ID 10041578		SWIMS Station Name UNNAMED TRIB TO HILL CR US SCOTT HILL RD (WBIC 5027219)			
Latitude 43.8078612	Longitude -88.9462991	Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83	
Basin (WMU) UPPER FOX		Watershed Name BIG GREEN LAKE		County GREEN LAKE	
Sample and Site Descriptors					
Sample Collector (Last Name, First) DAVID BOLHA			Project Name BIG GREEN LAKE TWA WQM PLAN (2017) 2019		
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) 2	Estimated Area Sampled (m²) 1.0		Number of Samples in Composite 1		Replicate No. _____ of _____
Reason For Sampling					
☐ Least Impacted Reference ☒ Baseline ☐ Impact / Treatment Site ☐ Control Site ☐ Trend ☐ Other: _____					
Water Temp. (C) 9.3	D.O. (mg/l) 10.7	D.O. (% sat.) 95.1	pH (su) 8.1	Conductivity (umhos/cm) 616	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) 0.1		Average Stream Width of reach (m) 1.5	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 40	Gravel (ladybug to tennisball): 40	
Sand: 20		Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____	Coarse Woody Debris: _____	Other (____): _____	
Embeddedness of Substrate at Sample Site (%) 20			Canopy Cover at Sample Site (%) 90		

Sample collected 5m DS culvert in Riffle

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	N	N	Chlorine	N	N
- Filamentous Algae	N	N	Dissolved Oxygen	N	N
- Planktonic Algae	N	N	Nutrients (P, N...)	N	N
Iron Bacteria	N	N	Toxics: - Inorganic (Metals)	N	N
Macrophytes	N	N	- Organic (PCBs, pesticides...)	N	N
Slimes	N	N	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	PH	PH
			Point Source - Specify:	N	N
			Pasturing of Livestock	N	N
Bank Erosion	PH	PH	Runoff: - Barnyard	N	N
Channelization: - Upstream	PH	PH	- Construction	N	N
- Downstream	PH	PH	- Cropland	PL	PH
Hydraulic Scour / Channel Incision	PH	PH	- Urban	N	N
Impoundment: - Upstream	N	N	Septic Systems	N	N
- Downstream	N	N	Tile Drainage - Organic Soils	N	N
Low Flow	PH	PH	- Mineral Soils	N	PL
Sedimentation	PH	PH	Springs	N	N
Sludge	N	N	Tributary(s)	N	N
Thermal	N	N	Wetland	N	N
Turbidity	N	N	Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Isabel Dunn	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 70%
Date Processed 12/6/2019	Specimens Saved Subsample archived in ABC until Feb 2023	

C2-197

Taxonomist: Dimick, Jeffrey

SWIMS Database Key: 210965544

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