

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name EAST RIVER			Waterbody ID Code 118000		Sample ID (YYYYMMDD-CY-FD) 20161010-05-02
Sampling Location					Database Key 133902251
SWIMS Station ID 053675		SWIMS Station Name EAST RIVER - HWY G			
Latitude 44.4355034	Longitude -88.0245648		Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER FOX		Watershed Name EAST RIVER		County BROWN	
Sample and Site Descriptors					
Sample Collector (Last Name, First) ANDREW HUDAK			Project Name EAST RIVER- AOC MONITORING - EAST_1_CMP16		
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) 6		Estimated Area Sampled (m ²) 6		Number of Samples in Composite 1	
Replicate No. 1 of 0					
Reason For Sampling					
☐ Least Impacted Reference ☐ Baseline ☐ Impact / Treatment Site					
☐ Control Site ☐ Trend ☒ Other: _____					
Water Temp. (C) 12.74	D.O. (mg/l) 9.1	D.O. (%sat.) 88.5	pH (su) 7.7	Conductivity (umhos/cm) 976	Transparency (cm) 41
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) .4		Average Stream Width of reach (m) 13	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 30	Gravel (ladybug to tennisball): 10	
Sand: _____		Clay: _____	Silt/Muck: 10	Overhanging Vegetation: 50	
Aquatic Macrophytes: _____		Leaf Snags: _____	Coarse Woody Debris: _____	Other (_____-): _____	
Embeddedness of Substrate at Sample Site (%) 40 Canopy Cover at Sample Site (%) 0					

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		
			Point Source - Specify:		
Physical			Pasturing of Livestock		
Bank Erosion			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		
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
Bonnie Richards	Dimick, Jeffrey	7
Date Processed	Specimens Saved	
10-23-16	Subsample archived in ABL until Jan 2020	

AI: (129)