

Instructions: Bold fields must be completed.

Station Summary						
Waterbody Name EAST RIVER *3			Waterbody ID Code 118000		Sample ID (YYYYMMDD-CY-FD) 20171016-05-04	
Sampling Location 75m DS					Database Key 149643472	
SWIMS Station ID 053493		SWIMS Station Name EAST RIVER UPPER AT FAIR ROAD				
Latitude		Longitude		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 UPPER EAST RIVER TWA 2017		
Sampling Device						
<input checked="" type="checkbox"/> D-Frame Kick Net <input type="checkbox"/> Surber Sampler <input type="checkbox"/> Eckman <input type="checkbox"/> Ponar <input type="checkbox"/> Artificial Substrate <input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____						
Habitat Sampled						
<input type="checkbox"/> Riffle <input checked="" type="checkbox"/> Run <input type="checkbox"/> Pool <input type="checkbox"/> Other <input type="checkbox"/> Shoreline Composite <input type="checkbox"/> Proportionally-Sampled Habitat <input type="checkbox"/> Littoral Zone <input type="checkbox"/> Profundal Zone <input type="checkbox"/> Wetland						
Total Sampling Time (min) 3		Estimated Area Sampled (m <sup>2</sup> ) 3		Number of Samples in Composite 1		Replicate No. <u>1</u> of <u>1</u>
Reason for Sampling						
<input type="checkbox"/> Least Impacted Reference <input type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input type="checkbox"/> Trend <input checked="" type="checkbox"/> Other: <u>Tributary watershed Assessment</u>						
Water Temp. (C) 20.25	D.O. (mg/l) 6.97	D.O. (%sat.) 62.5	pH (su) 8.17	Conductivity (umhos/cm) 853		Transparency (cm) 28
Water Color <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained				Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> 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) 7.0		
Composition of Substrate Sampled (Percent):						
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): _____		Gravel (ladybug to tennisball): _____
Sand: <u>40</u>		Clay: _____		Silt/Muck: <u>30</u>		Overhanging Vegetation: _____
Aquatic Macrophytes: _____		Leaf Snags: <u>30</u>		Coarse Woody Debris: _____		Other (____): _____
Embeddedness of Substrate at Sample Site (%) <u>100</u>				Canopy Cover at Sample Site (%) <u>80</u>		

**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
<b>Biological</b>				<b>Chemical</b>			
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:				<b>Sources of Stream Impacts</b>			
				Bank Erosion			
				Point Source - Specify:			
<b>Physical</b>				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: Justin Kowalski	Taxonomist: Dimick, Jeffrey	Estimated Percent of Sample Sorted: 13%
Date Processed: 3/17/18	Specimens Saved: Subsample archived in ABC until May 2021	

E2 A2  
 94 56

