

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name EAST RIVER #1	Waterbody ID Code 118000	Sample ID (YYYYMMDD-CY-FD) 20171016-05-06
Sampling Location 30 m 05		Database Key 149643444

SWIMS Station ID 053508	SWIMS Station Name EAST RIVER - MALLARD 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
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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) 3	Estimated Area Sampled (m²) 3	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason for Sampling

☐ Least Impacted Reference	☐ Baseline	☐ Impact / Treatment Site
☐ Control Site	☐ Trend	☒ Other: Targeted watershed Assessment

Water Temp. (C) 11.07	D.O. (mg/l) 7.16	D.O. (% sat.) 65.2	pH (su) 8.13	Conductivity (umhos/cm) 844	Transparency (cm) 22
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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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): _____
Sand: 30	Clay: 10	Silt/Muck: 10	Overhanging Vegetation: 10
Aquatic Macrophytes: _____		Leaf Snags: 30	Coarse Woody Debris: 10
Other (): _____			

Embeddedness of Substrate at Sample Site (%) 100	Canopy Cover at Sample Site (%) 20
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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		
- 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: <i>Erika Carter</i>	Taxonomist: <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted: <i>70%</i>
Date Processed: <i>3/8/16</i>	Specimens Saved: <i>Subsample archived in ABC under May 2021</i>	

C1 - 143

Taxonomist: Dimick, Jeffrey

Page 1 of

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