

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> EAST RIVER		<b>Waterbody ID Code</b> 118000	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20171016-05-09
<b>Sampling Location</b> 20 m 04			<b>Database Key</b> 149643432
<b>SWIMS Station ID</b> 10016765		<b>SWIMS Station Name</b> EAST RIVER - DOWNSTREAM OF THE HWY W PP BRIDGE 300 METERS	
<b>Latitude</b>	<b>Longitude</b>	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>Basin (WMU)</b> LOWER FOX		<b>Watershed Name</b> EAST RIVER	<b>County</b> BROWN

**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> ANDREW HUDAK	<b>Project Name</b> 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

<b>Total Sampling Time (min)</b> 3	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 8	<b>Number of Samples in Composite</b> 1	<b>Replicate No.</b> 1 <b>of</b> 1
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**Reason For Sampling**

Least Impacted Reference     
  Baseline     
  Impact / Treatment Site  
 Control Site     
  Trend     
  Other: *Special Project*

<b>Water Temp. (C)</b> 11.54	<b>D.O. (mg/l)</b> 8.5	<b>D.O. (% sat.)</b> 78.0	<b>pH (su)</b> 8.22	<b>Conductivity (umhos/cm)</b> .768	<b>Transparency (cm)</b> 31
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**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)

<b>Measured Velocity</b> 0.08	circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 1.0	<b>Average Stream Width of reach (m)</b> 10
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): \_\_\_\_\_ Gravel (ladybug to tennisball): \_\_\_\_\_  
 Sand: 10 Clay: \_\_\_\_\_ Silt/Muck: 10 Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: 60 Coarse Woody Debris: 10 Other ( ): \_\_\_\_\_  
 Embeddedness of Substrate at Sample Site (%): 30 Canopy Cover at Sample Site (%): 30

**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:			
				Pasturing of Livestock			
<b>Physical</b>				Runoff: - Barnyard			
Bank Erosion				- Construction			
Channelization: - Upstream				- Cropland			
- Downstream				- Urban			
Hydraulic Scour / Channel Incision				Septic Systems			
Impoundment: - Upstream				Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow				Springs			
Sedimentation				Tributary(s)			
Sludge				Wetland			
Thermal				Other - Specify:			
Turbidity							
Other - Specify:							

Comments

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter	<i>Kayla Wilcox</i>	Taxonomist	<i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted	<i>71</i>
Date Processed	<i>3/10/18</i>	Specimens Saved	<i>Subsample archived on ABC until May 2021</i>		

*A1 = 127*



