

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name EAST RIVER #11	Waterbody ID Code 118000	Sample ID (YYYYMMDD-CY-FD) 20171012-05-07
Sampling Location		Database Key 149643464

SWIMS Station ID 10049252	SWIMS Station Name EAST RIVER 10M US MILL RD		
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	
Basin (WMU) LOWER FOX			County BROWN
Watershed Name EAST RIVER		Datum Used if using GPS WGS84 or NAD83	

Sample and Site Descriptors	
Sample Collector (Last Name, First) ANDREW HUDAK	Project Name UPPER EAST RIVER TWA 2017

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: _____

Water Temp. (C) 12.36	D.O. (mg/l) 8.14	D.O. (%sat.) 76.7	pH (su) 8.28	Conductivity (umhos/cm) 832	Transparency (cm) 86
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Water Color	Estimated Stream Velocity (m/s)
<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained	<input type="checkbox"/> Slow (< 0.15 m/s) <input 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) 4.6	Average Stream Width of reach (m) 0.2
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 46 Gravel (ladybug to tennisball): 10
 Sand: 10 Clay: 20 Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: 20 Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 40 **Canopy Cover at Sample Site (%)** 60

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:			
				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>Keyla Wilcox</i>	Taxonomist	<i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted	<i>7%</i>
Date Processed	<i>3/3/18</i>	Specimens Saved	<i>Subsample archived in ABC until May 2021</i>		

E1=462

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Allegonia	L	-HIV	10	Hilsenhoff 1995		
Baetis brunneicolar	L		4	K. W. Bertanz 2016		
B. flavistriga species complex	L		3	"		
Calopterygidae	L		1	West, May 1996	comm	
Hydropsychidae	L		2	Hilsenhoff 1995	imm	N
Cheumatopsyche	L	888x	190	"		
Hydropsyche	L		3	"	imm	N
H. betteni	L	0-	25	Schm., Hils. 1986		
Pycnopsyche	L	"	2	Hilsenhoff 1995		
Oedroservus	L	8	43	Hils., Schm. 1992	imm	N
O. fastidiosus L, 13 A, 5	L, A	x-	18	"		
Siderelmis	L		1	"		
Bizzia/Palpaemyia	L		1	Hilsenhoff 1995		
Hemerodromia	L		1	Court. Moss 2008		
Neoplasta	L		1	"		
Simulium jenningsi species group	L		2	Adler et al 2004		
Tripla	L		1	Hilsenhoff 1995		
Parakiefferiella	P		2	Ferr. et al. 2008		
Gammarus pseudolimnoides	A		2	Halsinger 1972		
Caecidotea	A		2	Williams 1972	Per/imm	
Lubricoid Naididae w/o hair character	A		3	Ersev et al 2009		
split to Chironomidae	L	-JN				
Conchapelonia	L			Cran., Eber 2013		
Thienemannimyia group	L			"	mt indet	N
Orthocladinae 00300000	L			Cranston 2013	mt indet	N
Brillia	L			Ander. + 3 2013	mt indet	
Hydrobaenus	L			"		
Parakiefferiella	L			"		N
Parametriocnemus	L			"		
Tretania bavaria group	L			Bode 1983		
Cricotopus (Cricotopus) bicinctus group	L			Ander. + 3 2013		
Cladotanytarsus	L	-		Epler et al 2013		
Micronsectra	L	x-		"		
Micropedipes pedellus group	L	-		"		
Paratendipes	L			"		
Polypedilum (Polypedilum) fallax group	L			Bolton 2012		

