

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name EAST RIVER	Waterbody ID Code 118000	Sample ID (YYYYMMDD-CY-FD) 2017/6/12-05-04
Sampling Location		Database Key 149643456

SWIMS Station ID 10049254	SWIMS Station Name EAST RIVER 10M US LAMERS CLANCY RD		
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

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) 6	Estimated Area Sampled (m <sup>2</sup> ) 4	Number of Samples in Composite 1	Replicate No. <u>1</u> of <u>1</u>
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Reason For Sampling

Least Impacted Reference     
  Baseline     
  Impact / Treatment Site  
 Control Site     
  Trend     
  Other: \_\_\_\_\_

Water Temp. (C) 12.02	D.O. (mg/l) 7.51	D.O. (%sat.) 70.8	pH (su) 8.54	Conductivity (umhos/cm) 841	Transparency (cm) 722
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input checked="" 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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.3	Average Stream Width of reach (m) 4.0
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Composition of Substrate Sampled (Percent):

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 5 Gravel (ladybug to tennisball): 35  
 Sand: 10 Clay: 30 Silt/Muck: 10 Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: 10 Coarse Woody Debris: \_\_\_\_\_ Other ( \_\_\_\_\_ ): \_\_\_\_\_

Embeddedness of Substrate at Sample Site (%) 50 Canopy Cover at Sample Site (%) 80



Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Stenagrion inter punctatum</i>	L	II	2	Kieberhantz 2016		
<i>Maccabeentum vivarium</i>	L	I	1	"		
<i>Ombroservus</i>	L	III	8	Hils, Schen. 1992	imm	N
<i>D-fastidivus</i> L 7 A. 1	LA	IV	8	"		
<i>Calopteryx maculata</i>	L	I	1	nest, May 1946		
<i>Chrysops</i>	L	I	1	Hilsenhoff 1995		
<i>Dixella</i>	L	I	1	"		
<i>Ablabesmyia</i>	P	III	3	Ferr. et al. 2008		N
<i>Gammarus pseudolimnoides</i>	A	III	3	Holsinger 1972		
<i>Caecidotea</i>	A	II	2	Williams 1972	fem/imm	
<i>Mermithidae</i>	A	-	5	Downer 2016		
<i>Pelostoma plumbeum</i>	A	I	1	Hilsenhoff 1984		
<i>Whitford Naididae w/ hair chaetae</i>	A	0-	25	Ersevus et al 2008		Y
<i>Whitford Naididae w/ hair chaetae</i>	A	III	3	"		Y
<i>Psidium</i>	A	I	1	Burch 1972		
<i>Sphaerium</i>	A	II	2	"		
<i>Chironomidae 0825000</i>	L	I	1	Gurt, Merr. 2008	nd, indet	N
<i>Conchapelopia</i>	L	I	1	Cran, Epler 2013		
<i>Meropelopia</i>	L	I	1	"		
<i>Zaretskomyia</i>	L	III	3	"		
<i>Ablabesmyia (Ablabesmyia) malleata</i>	L	-III	8	Epler 2001		
<i>Brillia</i>	L	I	1	Anderson 2013	imm	
<i>Corynoneura</i>	L	I	1	"		
<i>Orthocladius (Orthocladius)</i>	L	I	1	"		
<i>Cricotopus/Orthocladius</i>	L	I	1	Ferr. et al. 2008	dam	N
<i>Chironominae 0833000</i>	L	-	5	Cranston 2013	nd, indet	N
<i>Chironomus</i>	L	xIII	13	Epler et al (2013)		
<i>Cladotanytarsus</i>	L	-	5	"		
<i>Cryptochironomus</i>	L	>III	8	"		
<i>Micropsectra</i>	L	xI	15	"		
<i>Microtendipes pedellus group</i>	L	IIIII	24			
<i>Paratanytarsus</i>	L	I	1	"	nd, indet	N
<i>P. sp. A</i>	L	xI	15	Hilsenhoff unpub.		
<i>P. sp. B</i>	L	III	4	"		
<i>Paratendipes</i>	L	I	1	Epler et al 2013		
<i>Phaenopsectra obovatus</i>	L	II	2	Baldan 2012		

