

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> UNNAMED #9		<b>Waterbody ID Code</b> 120500	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20171016-05-01
<b>Sampling Location</b> 70 m 03			<b>Database Key</b> 149643488
<b>SWIMS Station ID</b> 10049245		<b>SWIMS Station Name</b> UNT TO EAST RIVER 30M US STH 96	
<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> 3	<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: \_\_\_\_\_

<b>Water Temp. (C)</b> 9.5	<b>D.O. (mg/l)</b> 8.53	<b>D.O. (%sat.)</b> 75.0	<b>pH (su)</b> 7.64	<b>Conductivity (umhos/cm)</b> 906	<b>Transparency (cm)</b> 82
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<b>Water Color</b> <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <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)
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<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.2	<b>Average Stream Width of reach (m)</b> 3.0
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): 20 Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): \_\_\_\_\_  
 Sand: 10 Clay: 10 Silt/Muck: 10 Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: \_\_\_\_\_ Other ( \_\_\_\_\_ ): \_\_\_\_\_

**Embeddedness of Substrate at Sample Site (%)** 10 **Canopy Cover at Sample Site (%)** 10

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

Comments

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter <i>Kayla Wilcox</i>	Taxonomist <i>Demick Jeffrey</i>	Estimated Percent of Sample Sorted <i>7%</i>
Date Processed <i>2/26/18</i>	Specimens Saved <i>Subsample archived in ABC until May 2021</i>	

E3

333

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Allocapnia</i>	L	x-	15	Hilsenhoff 1995		
<i>Baetis brunneicolar</i>	L	I	1	Klueber et al 2016		
<i>Stenacron</i>	L	II	2	"	imm	N
<i>S. interpunctatum</i>	L	I	5	"		
<i>Cheumatopsyche</i>	L	B	40	Hilsenhoff 1995		
<i>Hydropsyche</i>	L	II	2	"	imm	N
<i>id. betteni</i>	L	0-	25	Schm. Hils. 1986		
<del>JSF</del> <i>Ceratopsyche slossonae</i>	L	-IIII	9	"		
<i>Dubicaphia</i>	L	I	1	Hils. Schm. 1992		
<i>Optioservus</i>	L	XIII	13	"	imm	N
<i>O. fastidius</i>	L	X-I	16	"		
Scirtidae	A	I	1	Barrat et al 1976		
<i>Nemerodromia</i>	L	IIII	4	Coat. Man. 2008		
<i>Simulium vittatum</i> species complex 0811027	L	II	2	Adler et al 2004		
<i>Tipula</i>	L	I	1	Hilsenhoff 1995		
<i>Caecidotea intermedia</i>	A	IIII	24	Williams 1972		
<i>Ichneumonid Naididae w/o hair chaetae</i>	A	II	2	Ersev et al 2008		Y
<i>Ichneumonid Naididae w/ hair chaetae</i>	A	I	1	"		Y
<i>Maereobdella</i>	A	I	1	Klamm 1985		
<i>Sphaerium</i>	A	I	1	Burch 1972		
<del>Split 43 Chironomidae</del>	L	IIII	JSF			
<i>Corynoneura</i>	L	I	1	Ander + 3 2013		ND
<i>Tanyptera</i> 08270000 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Zavie?</span>	L	I	1	Cranston 2013	mt indet	Y
<i>Conchapelonia</i>	L	II	3	Cran. Epler 2013		
<i>Meropelonia</i>	L	I	1	"		
<i>Nilotanytus</i>	L	I	1	"		
<i>Orthocladiinae</i> 08300000	L	II	2	Cranston 2013	mt indet/ dam	N
<i>Brillia</i>	L	III	3	Ander + 3 2013	mt indet/ imm	
<i>Limnophyes</i>	L	II	2	"		
<i>Parametriocnemus</i>	L	0-I	26	"		
<i>Thienemanniella</i>	L	II	2	"	dam/imm	N
<i>Th. xena</i>	L	I	1	Bolton 2012		
<i>Tvetenia bavarica</i> group	L	XIIII	14	Bode 1983		
<i>Chironominae</i> 08330000	L	-II	7	Cranston 2013	mt indet	N
<i>Microsestra</i>	L	BBx	90	Epler et al 2013		
<i>Microtendipes pedellus</i> group	L	IIII	4	"		

C3 taxa, TVALS 2=0



