

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name UNNAMED #14	Waterbody ID Code 121300	Sample ID (YYYYMMDD-CY-FD) 20171012-05-05
Sampling Location		Database Key 149643484

SWIMS Station ID 10049255	SWIMS Station Name UNT TO EAST RIVER 10M US LAMERS CLANCY 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) 6	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) 12.03	D.O. (mg/l) 6.27	D.O. (%sat.) 58.6	pH (su) 8.15	Conductivity (umhos/cm) 948	Transparency (cm) 100
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Water Color <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <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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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 2.0	Average Stream Width of reach (m) 0.15
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 20
 Sand: 40 Clay: _____ Silt/Muck: 10 Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: 20 Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) 20 **Canopy Cover at Sample Site (%)** 80

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			
Physical				Point Source - Specify:			
Bank Erosion				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>Erica Carter</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>70/10</i>
Date Processed <i>3/1/18</i>	Specimens Saved <i>Subsample archived in ABL until May 2021</i>	

EL-241

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Limnephilidae	L	1	1	Hilsenhoff 1995	imm	
Dolichoceros	L	1	1	Hils., Schm. 1992	imm	
Dytiscidae	L	1	1	Hilsenhoff 1995	dam	
Bezzia/palpomysia	L	1	1	"		
Simulium vittatum species complex 08110217	L	✓	5	Adler et al 2001		
S. pilosum	L	1	1	"		
S. jenningsi species group	L	11	2	"	imm	
Erstalis	L	1	1	Hilsenhoff 1995		
Chrysis	L	11	3	"		
Tipula	L	1	1	"		
Polypedium	P	1	1	Ferr. et al. 2008		N
Stempellinella	P	1	1	"		
Caecidotea	A	111	3	Williams 1972	Per/imm	
tribicoid Nauidae w/o hair chaetae	A	-1	6	Ersev et al 2008		
Pisidium	A	1	1	Burch 1972		
A3 Chironomidae	L	111110				
Conchapelopia	L	1111	4	Cran, Epler 2013		
Zaretskomyia	L	-1	6	Silva, Exrem 2015		
Ablabesmyia (Ablabesmyia) mallochii	L	11	2	Epler 2001		
Thienemannimyia group	L	1	1	Cran, Epler 2013	mt indet	N
Brillia	L	-	5	Ander + 3 2013	mt indet imm	
Corynoneura	L	-111	8	"		
Parametaneurinus	L	x-1	16	"		
Thienemannella vera	L	1	1	Bolton 2012		
Tretenna bavaria group	L	-1	6	Bo de 1983		
Cricotopus	L	11	2	Ander + 3 2013		
Chironominae 08330000	L	1111	4	Cranston 2013	mt indet	N
Chironomus	L	x1	11	Epler et al 2013		
cryptochironomus	L	1	1	"		
Micropsectra	L	BBB-111	168	"		
Paratanytarsus	L	11	2	"	mt indet	N
P. sp. A	L	111	3	Hilsenhoff unpubl		
Parabendipes	L	x-111	18	Epler et al 2013		
Polypedium (Polypedium) illinoense group	L	11	2	Bolton 2012		
P. (Uresipedium) aviceps	L	0-1111	29	"		
Paratanytarsus	L	1	1	Epler et al 2013		

<3 taxa, TVAL ≤ 2.0

