

**Wadeable Macroinvertebrate
Field Data Report**

Form 3200-081 (R 8/14)

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Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNT to East River #2		Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD) 10/10/2017/10/16-05-05
Sampling Location 150 m DS		Database Key 149643480	
SWIMS Station ID 10049271		SWIMS Station Name UNT TO EAST RIVER 100M DS FAIR RD	
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU)		Watershed Name	County Brown

Sample and Site Descriptors

Sample Collector (Last Name, First) ANDREW HUDAK	Project Name 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

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: <u>Trout Watershed Assessment</u>

Water Temp. (C) 9.52	D.O. (mg/l) 7.51	D.O. (% sat.) 62.7	pH (su) 8.51	Conductivity (umhos/cm) 935	Transparency (cm) 24
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Water Color ☐ Clear ☒ Turbid ☐ Stained	Estimated Stream Velocity (m/s) ☒ Slow (< 0.15 m/s) ☐ Moderate (0.15 m/s - 0.5 m/s) ☐ 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) 5.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): _____
Sand: _____	Clay: 40	Silt/Muck: 10	Overhanging Vegetation: 40
Aquatic Macrophytes: _____	Leaf Snags: 10	Coarse Woody Debris: _____	Other (): _____
Embeddedness of Substrate at Sample Site (%) 100		Canopy Cover at Sample Site (%) 20	

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>Kayla Wilcox</i>	Taxonomist	<i>Dimick, Jeffray</i>	Estimated Percent of Sample Sorted	<i>13%</i>
Date Processed	<i>3/7/2018</i>	Specimens Saved	<i>subsample archived in ABC until May 2021</i>		

E3=87

C1=148

[illegible]