

Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-136 (R 10/11)

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Station Summary

Waterbody Name DUCK CREEK		WBIC 409700	Field Seq no. generated by SWIMS 218830035
SWIMS Station ID 10039776	SWIMS Station Name DUCK CREEK WIETOR WHARF		
Field Sample ID (retrieval date) 20191010-05-01	Basin (WMU) LOWER FOX	Watershed Name DUCK CREEK	County BROWN
Project Name FOX RIVER AOC- NON-WADEABLE MACROINVERTEBRATE SAMPLING			

Latitude 44.56375	Longitude -88.0541	Determination Method eLT Location, 24K Hydro	Datum Used WTM83/91
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Site Access Details: _____

Sample and Site Descriptors

Sampling Device

☒ Standard Non-wadeable Hester Dendy Hester Dendy Area Calculation = Plate Size (cm) _____
Number of Plates _____
☐ Other Device: _____ Device Area Calculation = Plate Size (cm) _____

Habitat Sampled

☐ Suspended ☒ River Bed

Snags (no./100m) 3 Avg. size (dbh) 10 Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: urban and wetland

Substrate Composition

Bedrock _____% Boulder _____% Cobble _____% Gravel _____%
Sand _____% Silt _____% Clay _____% Muck _____%
Aquatic Macrophytes _____% CWD _____% Other (_____): _____%

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	08/22/2019	10/10/2019	49
Time:	15:30	8:00	
Personnel:	Gibbs, F	Hudak	
Water Depth at Location (m):	2.14	2.14	
Sampler Height Above Substrate (m):	0.5	0.5	
Bank Placement: R L	L	L	
Distance From Bank:	3m	3m	
Water Temp (C):			
Water Color (clear, turbid, stained):			
D.O. (mg/L):			
pH:			
Conductivity:			
Transparency Tube (cm):			
Turbidity (NTUs):			
Water Velocity (m/s):			

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Draw Map:

No

No

No

Additional Notes:

Notes: Initial sampler was lost due to high water. reinstalled at new location. did not collect water quality data at time of deployment or retrieval.

B1-L177
B8-L88²⁰⁰
A1-A89²⁷⁴
14 = 274

179

37

66

136

04 64
7 7

For Lab Use Only

Taxonomist

Dimick, Jeffrey
Specimens Saved

100% (274 bugs)

Specimens Saved

7/8/2020

Subsamps archived in ABL until Sept 2023

07	E7	F7	G7	H7	I7	J7	K7	L7	06	E6	F6	G6	H6	I6	J6	K6	L6	H3	I3	J3	K3	L3	F2	G2	H2	I2	J2	K2	L2
3	2	2	3	2	4	2	2	2	2	4	4	2	2	3	4	3	5	6	6	5	3	2	2	3	2	4	3	4	
3	5	5	5	5	3	4	2	2	4	3	3	4	5	4	6	5	4	3	2	2	3	3	2	2	4	7	6	5	

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Caenis	L	III	4	KWh 2016	imm		N
Heptageniidae	L	"	2	"	imm	N	
Stenonema femoratum	L	I	1	"			
Coenagrionidae	L	XIII	15	Merrillum B 2019	imm		
Hydropsyche	L	I	1	"			
Deceit	L	III	3	"	imm		
Polycentropodidae	L	I	1	"	imm	N	
Cumellus fraternus	L	II	2	"			
Polycentropus	L	-II	7	Hils 1995			
Neophaenocarpa	A	I	1				
Parakiefferiella	P	II	3	Merrillum B 2019			
Gammarus pseudolimnoides	A	XIII	15	Hils 1972			
Hyalella azteca	A	I	5	Soucek et al 2015			
Caecidotea racovitzai racovitzai	A	XIII	14	Will 1972			
Dugesidae	A	01	21	Thorp Reg 2016			
Physa	A	I	1	"			
Dreissena polymorpha	A	-III	9	"			↓
Split A2a Chironomidae	L	8-10					
Split A2b Chironomidae	L	8-10					
Split A2c worm Tubificinae (with hairs)	A	I	1	Bern Gled 1991			N
Dicentropus	L	XIII	17	Epler et al 2013	And et al 2013		
Glyptotendipes	L	80-100	72	"			
Ablabesmyia (Ablabesmyia)	L	8	40	"			
Thienemannimyia group	L	II	2	"	imm		
Parametrioecnemus	L	I	1	"			
Thienemannella xena	L	I	1	Bolton 2012			
Chironominae 08330000	L	I	1	And et al 2013	imm	N	
Endochironomus nigricans	L	0III	24	Bolton 2012			
Micropsectra	L	I	1	And et al 2013			
Phaenopsectra punctipes group	L	I	1	Epler 2001	imm		
Polypedium (Polypedium) Fallax group	L	I	1	Bolton 2012			
P.(P.) illinoense group	L	I	1	"			
P.(Unspedium) Flavum	L	I	1	"			
Pseudochironomus	L	II	2	And et al 2013			
Tanytarsus	L	III	41	"			
Tubificinae (with hairs)	A	I	1	Bern Gled 1991			↓