

Station Summary

Waterbody Name EAST RIVER		WBIC 118000	Field Seq no. generated by SWIMS 218830039
SWIMS Station ID 10043279	SWIMS Station Name EAST RIVER AT HAROLD LEWIS TRAIL OFF MAIN STREET		
Field Sample ID (retrieval date) 20190822-05-02	Basin (WMU) LOWER FOX	Watershed Name EAST RIVER	County BROWN
Project Name FOX RIVER AOC- NON-WADEABLE MACROINVERTEBRATE SAMPLING			
Latitude 44.5163297	Longitude -88.0058777	Determination Method eLT Location, 24K Hydro	Datum Used WTM83/91

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) 0 Avg. size (dbh) 0 Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: Urban within the City of Green Bay

Substrate Composition

Bedrock _____% Boulder _____% Cobble 50% Gravel _____%
 Sand _____% Silt _____% Clay 50% Muck _____%
 Aquatic Macrophytes _____% CWD _____% Other (_____): _____%

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	07/10/2019	08/24/2019	43
Time:	11:00	9:00	
Personnel:	Hudak, Kupsky	Hudak, Kupsky	
Water Depth at Location (m):	2.7 m	3.5 m	
Sampler Height Above Substrate (m):	0.5	0.5	
Bank Placement: R L	R	R	
Distance From Bank:	2 m	2 m	
Water Temp (C):	24.67	23.51	
Water Color (clear, turbid, stained):	turbid		
D.O. (mg/L):	5.1	8.51	
pH:	7.64	8.63	
Conductivity:	1560	1398	
Transparency Tube (cm):			
Turbidity (NTUs):			
Water Velocity (m/s):	slow	slow	

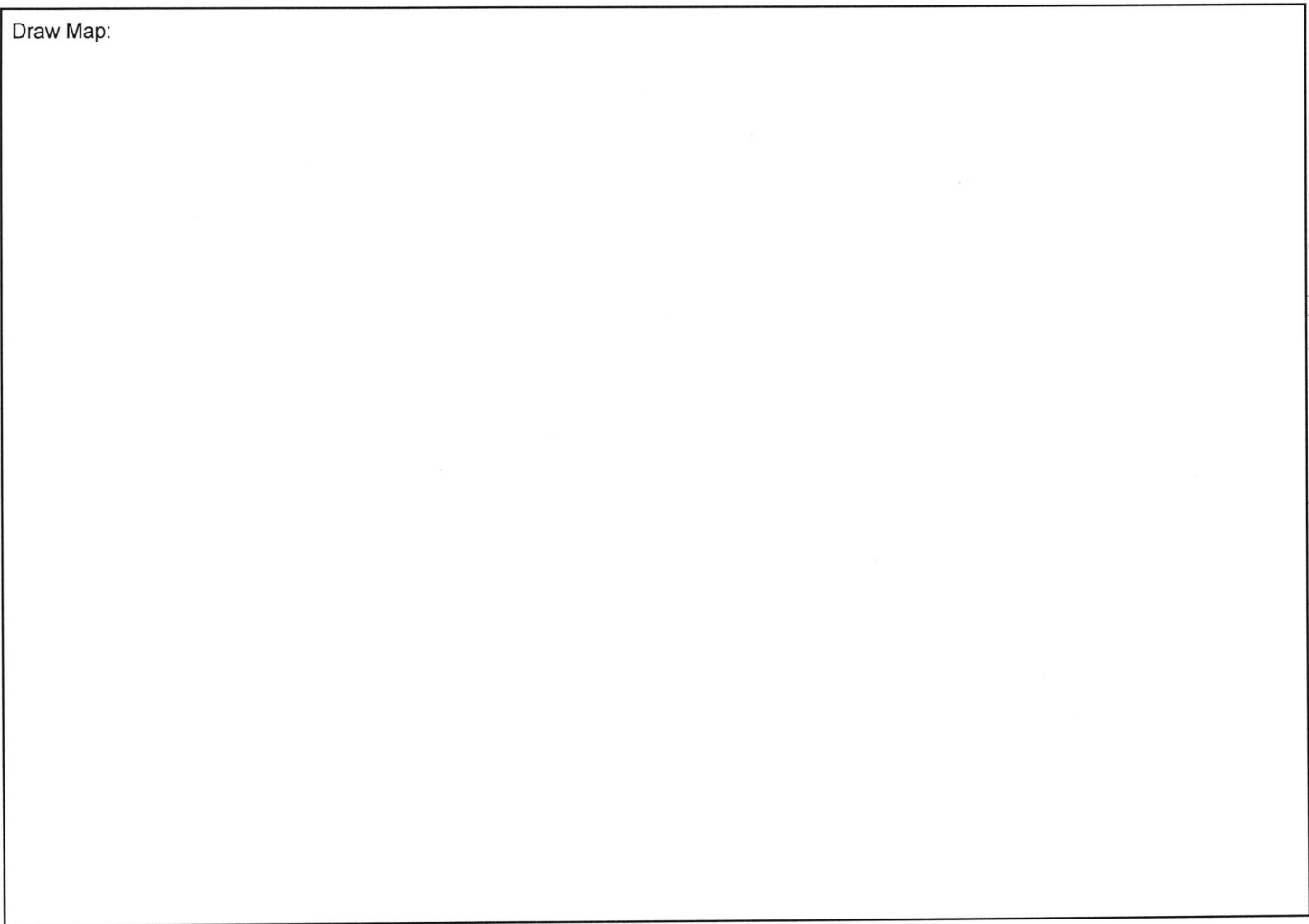
22
44

Non-Wadeable Macroinvertebrate Field Data Report

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Draw Map:



L1 (#14) L2 (#15) L3 (#16) L4 (#17) L5 (#18) L6 (#19) L7 (#20) L8 (#21) L9 (#22) L10 (#23) L11 (#24) L12 (#25) L13 (#26) L14 (#27) L15 (#28) L16 (#29) L17 (#30) L18 (#31) L19 (#32) L20 (#33) L21 (#34) L22 (#35) L23 (#36) L24 (#37) L25 (#38) L26 (#39) L27 (#40) L28 (#41) L29 (#42) L30 (#43) L31 (#44) L32 (#45) L33 (#46) L34 (#47) L35 (#48) L36 (#49) L37 (#50) L38 (#51) L39 (#52) L40 (#53) L41 (#54) L42 (#55) L43 (#56) L44 (#57) L45 (#58) L46 (#59) L47 (#60) L48 (#61) L49 (#62) L50 (#63) L51 (#64) L52 (#65) L53 (#66) L54 (#67) L55 (#68) L56 (#69) L57 (#70) L58 (#71) L59 (#72) L60 (#73) L61 (#74) L62 (#75) L63 (#76) L64 (#77) L65 (#78) L66 (#79) L67 (#80) L68 (#81) L69 (#82) L70 (#83) L71 (#84) L72 (#85) L73 (#86) L74 (#87) L75 (#88) L76 (#89) L77 (#90) L78 (#91) L79 (#92) L80 (#93) L81 (#94) L82 (#95) L83 (#96) L84 (#97) L85 (#98) L86 (#99) L87 (#100)

Ethanol replaced the second day?

Yes

No

Label on inside of jar?

Yes

No

Label on outside of jar?

Yes

No

Additional Notes:

Site was located w/in close proximity to active PCB dredging. This site is also influenced by seiche effects of Green Bay

For Lab Use Only		
Sample Sorter Eric Naas	Taxonomist Derrick Jeffrey	Estimated Percent of Sample Sorted 76% (502 bugs)
Date Processed 10/29/2020	Specimens Saved Subsample archived in ABC until Sept 2023	

B2A (#14)	C2 (#15)	D2 (#16)	E2 (#17)	F2 (#18)	G2 (#19)	H2 (#20)	I2 (#21)	J2 (#22)	K2 (#23)	L2 (#24)	M2 (#25)	N2 (#26)	O2 (#27)	P2 (#28)	Q2 (#29)	R2 (#30)	S2 (#31)	T2 (#32)	U2 (#33)	V2 (#34)	W2 (#35)	X2 (#36)	Y2 (#37)	Z2 (#38)	
7	10	5	12	13	10	8	12	6	7	4	5	7	7	4	5	7	7	4	5	7	7	4	5	7	7
E7 (#77)	F7 (#78)	G7 (#79)	H7 (#80)	I7 (#81)	J7 (#82)	K7 (#83)	L7 (#84)	M7 (#85)	N7 (#86)	O7 (#87)	P7 (#88)	Q7 (#89)	R7 (#90)	S7 (#91)	T7 (#92)	U7 (#93)	V7 (#94)	W7 (#95)	X7 (#96)	Y7 (#97)	Z7 (#98)	A7 (#99)	B7 (#100)	C7 (#101)	D7 (#102)
4	7	6	5	10	4	4	6	5	6	7	4	4	8	4	4	7	4	4	7	7	4	5	7	7	4

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
<i>Stenocran</i>	L	ii	2	Klubs 2016	imm	N	N
<i>S. interperitatum</i>	L	i	1	"			
Coenagrionidae Coenagrionidae	L	iii	8	Merritt 2019	imm		
Polycentrropodidae	P	iiii	4	"		N	
<i>Cyranellus fraternus</i>	L	8xiii	54	"			
Bezzia/ Palpomyia	L	ii	2	Hols 1995			
Tanyptodinae 08210001	P	i	1	Merritt 2019	dam	N	
Rhecrictopus	P	i	1	"			
Chironominae 08330001	P	ii	2	"		N	
Craconyx	A	iiii	4	Thorp 2016	fean		
<i>Gammarus pseudolimnaceus</i>	A	i	5	Hols 1972			
Caecidotea	A	iii	3	Thorp 2016	imm		
<i>Oronectes</i>	A	i	1	Hobbs 1988	dam		
Dugesidae	A	ii	7	Thorp 2016			
<i>Dreissena polymorpha</i>	A	x	10	"			
Glossiphoniidae	A	i	1	"	imm	N	
<i>Helobdella papillata</i>	A	i	1	Wetzel et al 2020			↓
Split A2a Chironomidae	L	8xiii					
Split A2b Chironomidae	L	8xiii					
Split A2c Chironomidae	L	8xiii					
Split A2d Chironomidae	L	8xiii					
Split A3 worms	A	iiii					
Chironomidae 08250000	L	ii	2	Merritt 2019	dam	N	N
<i>Chironomus</i>	L	i	1	And et al 2013			
<i>Dirotendipes</i>	L	888xiii	126	And et al 2013			
<i>Glyptotendipes</i>	L	888p-iii	148	"			
<i>Ablabesmyia</i> (<i>Ablabesmyia</i>)	L	x	10	"	imm	N	
A.(A.) rhampho group	L	8xiii	33	Bolton 2012			
<i>Procladius</i>	L	ii	2	And et al 2013	imm	N	
P. (Holotanyus)	L	x	10	"			
Thienemannimyia group	L	i	1	"	imm		
<i>Nanocladius</i> (<i>Nanocladius</i>)	L	i	1	"	imm	N	
N.(N.) minimus	L	i	1	Bolton 2012			
Chironominae 08330000	L	x	10	And et al 2013	int. med. imm	N	
<i>Endochironomus nigricans</i>	L	0iii	23	Bolton 2012			
<i>Harnischia</i>	L	i	1	And et al 2013			
<i>Parachironomus arcuatus</i> group	L	iii	4	"			
P. frequens group	L	ii	2	"			
<i>Polypedium</i> (<i>Tripodura</i>) halterale group	L	xiii	13	Bolton 2012			↓

