

Station Summary

Waterbody Name FOX RIVER		WBIC 117900	Field Seq no. generated by SWIMS 218830043
SWIMS Station ID 053708	SWIMS Station Name FOX RIVER - RR FORT HOWARD		
Field Sample ID (retrieval date) 20190822-05-01	Basin (WMU) LOWER FOX	Watershed Name EAST RIVER	County BROWN
Project Name FOX RIVER AOC- NON-WADEABLE MACROINVERTEBRATE SAMPLING			
Latitude 44.5260967	Longitude -88.0100439	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: In Fox River w/in City of Green Bay

Substrate Composition

Bedrock _____ % Boulder _____ % Cobble _____ % Gravel _____ %
 Sand 100 % Silt _____ % Clay _____ % Muck _____ %
 Aquatic Macrophytes _____ % CWD _____ % Other (_____): _____ %

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	7/10/2019	08/22/2019	43
Time:	10:30	8:30	
Personnel:		Hudak, Kypsky	
Water Depth at Location (m):	7.2	7.2 m	
Sampler Height Above Substrate (m):	0.5m	0.5m	
Bank Placement: (R) L	R	R	
Distance From Bank:	10 m	10 m	
Water Temp (C):	25.0	23.84	
Water Color (clear, turbid, stained):	turbid	turbid	
D.O. (mg/L):	8.4	8.68	
pH:	8.0	8.73	
Conductivity:	.376	.380	
Transparency Tube (cm):			
Turbidity (NTUs):			
Water Velocity (m/s):	Moderate	moderate	

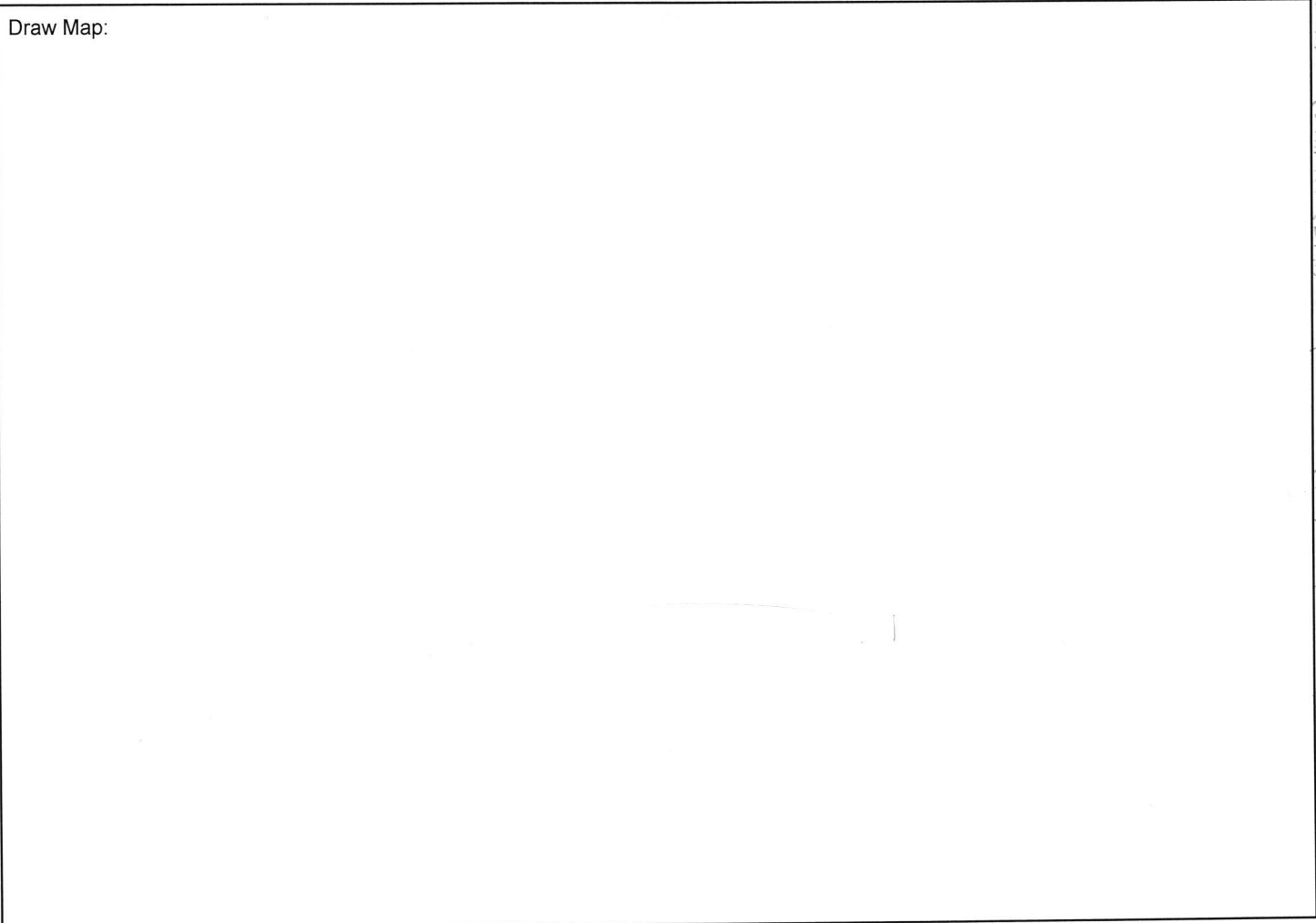
Non-Wadeable Macroinvertebrate Field Data Report

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ES01+7L/A

Draw Map:



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 of active PCB dredging.
 This site is also influenced by seiche effects of Green Bay

For Lab Use Only		
Sample Sorter Eric Naas	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 34.4% (501+7L/A)
Date Processed 6/27/2020	Specimens Saved Subsample archived in ABL unit Sept 2023	

C3(#27) D3(#28) E3(#29) F3(#30) G3(#31) H3(#32) I3(#33) J3(#34) K3(#35) L3(#36)
 22 25 13 15 12 12 24 13 11 11 12
 O2(#16) E2(#17) F2(#18) G2(#19) H2(#20) I2(#21) J2(#22) K2(#23) L2(#24) 11 12
 26 16 13 21 17 23 24 11 19

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 16(#06)
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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Hydropsychidae	L	I	1	Merritt 1979	imm		N
Polyceratopterygidae	P	II	2	"		N	
Cyrrhopterus fraternus	L	-III	9	"			
Rhyacoptera	P	I	1	"			
Gammarus pseudolimnoides	A	♂	35	Hols 1972			
Hyalella azteca	A	B-III	48	Soucek et al 2015			
Caecidotea intermedia	A	x-III	19	Will 1972			
Podocopa	A	I	1	Thorp Reg 2016			
Trembidiformes	A	I	1	"	dam	Y	
Oxus	A	I	1	Peck et al 1990			
Hydridae	A	I	1	Thorp Reg 2016			
Dugesidae	A	BB0-II	107	"			
Laevapex fuscus	A	I	1	"			
Physa	A	B0-III	69	"			
Dreissena polymorpha	A	♂ III	34	"			
Helobdella papillata	A	III	3	Wetzel et al 2020			↓
Split A2 Chironomidae	L	♂ III					
Split A3 worms	A	♂ III		And			
Dicrotendipes	L	0-II	27	And et al 2013			N
Glyptotendipes	L	BBx-III	100	"			
Rheotamiasus	L	I	5	"			
Stylaria lacustris	A	xr		Kath Brink 1998			
Ablabesmyia (Ablabesmyia)	L	I	1	And et al 2013	imm	Y	
A.(A.) champe group	L	"	2	Bolton 2012			
Conchapelopia 08270720	L	"	2	And et al 2013			
Thienemannimyia group	L	"	2	"	mt indet	N	
Nanocladius (Nanocladius) crassicaudatus/rectinervis	L	I	5	Bolton 2012			
Chironominae 08330000	L	"	2	And et al 2013	imm	N	
Endochironomus	L	I	1	"	imm		
Parachironomus	L	I	1	"	imm		
Polypedium (Polypedium) illinoense group	L	"	2	Bolton 2012			
P. (Unespedium) flavum	L	-II	7	"			
Naididae	A	II	3	Thorp Reg 2016	ant frag	N	
Aero	A	"	2	Kath Brink 1998	mt indet	N	
D. digitata	A	-	5	"			
D. furcata	A	I	1	"			
Nais	A	I	1	"	mt indet	N	
N. communis	A	I	1	"			↓

