

Station Summary

Waterbody Name FOX RIVER		WBIC 117900	Field Seq no. generated by SWIMS 218830051
SWIMS Station ID 10037729	SWIMS Station Name FOX RIVER AT VOYAGEUR PARK		
Field Sample ID (retrieval date) 20190822-05-03	Basin (WMU) LOWER FOX	Watershed Name EAST RIVER	County BROWN
Project Name FOX RIVER AOC- NON-WADEABLE MACROINVERTEBRATE SAMPLING			
Latitude 44.4523	Longitude -88.0653	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) 6 Avg. size (dbh) 18 Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: Urban and undeveloped ports

Substrate Composition

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

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	07/10/2019	08/22/2019	43
Time:	9:30	11:30	
Personnel:	Hudak, Kypsky	Hudak, Kypsky	
Water Depth at Location (m):	2.14	2.14	
Sampler Height Above Substrate (m):	0.5	0.5	
Bank Placement: R L	R	R	
Distance From Bank:	30 m	30 m	
Water Temp (C):	25.08		
Water Color (clear, turbid, stained):	Turbid	Turbid	
D.O. (mg/L):	8.00	23.92	
pH:	8.18	8.7	
Conductivity:	1359	1367	
Transparency Tube (cm):			
Turbidity (NTUs):			
Water Velocity (m/s):	moderate	moderate	

Non-Wadeable Macroinvertebrate Field Data Report

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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:

Attached to newly installed Fish Habitat structure, i.e. Fish Sticks

For Lab Use Only		
Sample Sorter <i>Eric Naas</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted 100% (443 bugs)
Date Processed <i>7/2/2020</i>	Specimens Saved <i>Subsample archived in ABL until Sept 2023</i>	

63 H3 I3 J3 K3 L3⁴⁸ C5 D5 E5 F5 G5 H5 I5 J5 K5 L5¹⁰ O3 E3 F3 I3 J3 K3 L3¹⁹ M3 N3 O3 P3 Q3 R3 S3 T3 U3 V3 W3 X3 Y3 Z3
8 5 6 12 12 5 11 8 4 5 298 3 5 7 3 5 308 7 8 12 7 3 5 6 5 3 5 5 3 4
64-L4⁴⁷ E7-L7⁴⁹ C3+D7+B3+B7+C7+B5⁵⁵ 82-L2⁸⁸ H1-L1⁷² C8-L8⁸⁴ B1-G1⁸⁵ A1+A8+B2⁹⁰
45 42 28 43 27 20 32 23 = 443

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Hydropsychidae	L	III	3	MerrLummB 2019	imm	N	N
Cheumatopsyche	L	III	4	"			
Hydropsyche ornis	L	I	1	SchumHils 1986			
Polycentropodidae	L	II	7	MerrLummB 2019	imm	N	
Polycentropodidae	P	I	1	"		N	
Cynellus fraternus	L	80-1	66	"			
Hyalella azteca	A	I	1	Sponck et al 2015			
Physa	A	I	1	Thorp Res 2016			
Helobdella papillata	A	II	2	Wetzel et al 2020			
Chironominae 0B330001	P	I	1	MerrLummB 2019	dam	N	
Dicrotendipes	P	III	4	"			
Glyptotendipes	P	I	5	"			↓
Split A2a Chironomidae	L	8x JJD					
Split A2b Chironomidae	L	8-11 JJD					
Split A3 worm	A	1 JJD					
Chironomidae 0B250000	L	I	1	MerrLummB 2019	dam	N	N
Chironomidae 0B330000	L	III	5	And et al 2013	dam/imm	N	
Chironomus	L	II	2	And et al 2013			
Dicrotendipes	L	88-III	88	And "		N	
Glyptotendipes	L	888-III	192	"		N	
Ablabesmyia (Ablabesmyia)	L	-III	8	"	imm	N	
A.(A.) champe group	L	01	21	Bolton 2012			
Procladius	L	I	1	And et al 2013	imm	N	
P. (Holotanypus)	L	III	4	"			
Thienemannimyia	L	I	1	"			
Thienemannimyia group	L	III	3	"	mt indet imm	n=1, Y	
Nanocladius (Nanocladius)	L	II	2	"	imm	N	
N.(N.) distinctus	L	II	2	Bolton 2012			
N.(N.) minimus	L	I	1	"			
N.(N.) crassicornis/ef. rectinervis	L	I	5	"			
Cladocelma	L	I	1	And et al 2013			
Parachironomus	L	II	2	"	mt indet	N	
P. arcuatus group	L	II	2	"			
Paratanytarsus species B	L	II	2	Hils capital			
Phaenopsectra flavipes	L	I	1	Bolton 2012			
Polypedilum (Tropidura) halterale group	L	I	1	"			
P. (Uresiphidilum) flavum	L	II	2	"			
Paratanytarsus	L	-III	8	And et al 2013			
Stenochironomus	L	I	1	"			↓

