

Station Summary

Waterbody Name FOX RIVER		WBIC 742500	Field Seq no. generated by SWIMS 255341675
SWIMS Station ID 683207	SWIMS Station Name FOX RIVER AT CENTER DRIVE		
Field Sample ID (retrieval date) 20200918-68-01	Basin (WMU) FOX (IL)	Watershed Name MIDDLE FOX RIVER - ILLINOIS	County WAUKESHA
Project Name LARGE RIVERS MONITORING			

Latitude 42.8772668 (42.87608)	Longitude -88.2479293 (-88.2440)	Determination Method (GPS)	Datum Used NAD 83
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Site Access Details: ~300 m ds Center Road. Tied to log.

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

Riparian Land Use, Vegetation, and Condition: Wetland expansion

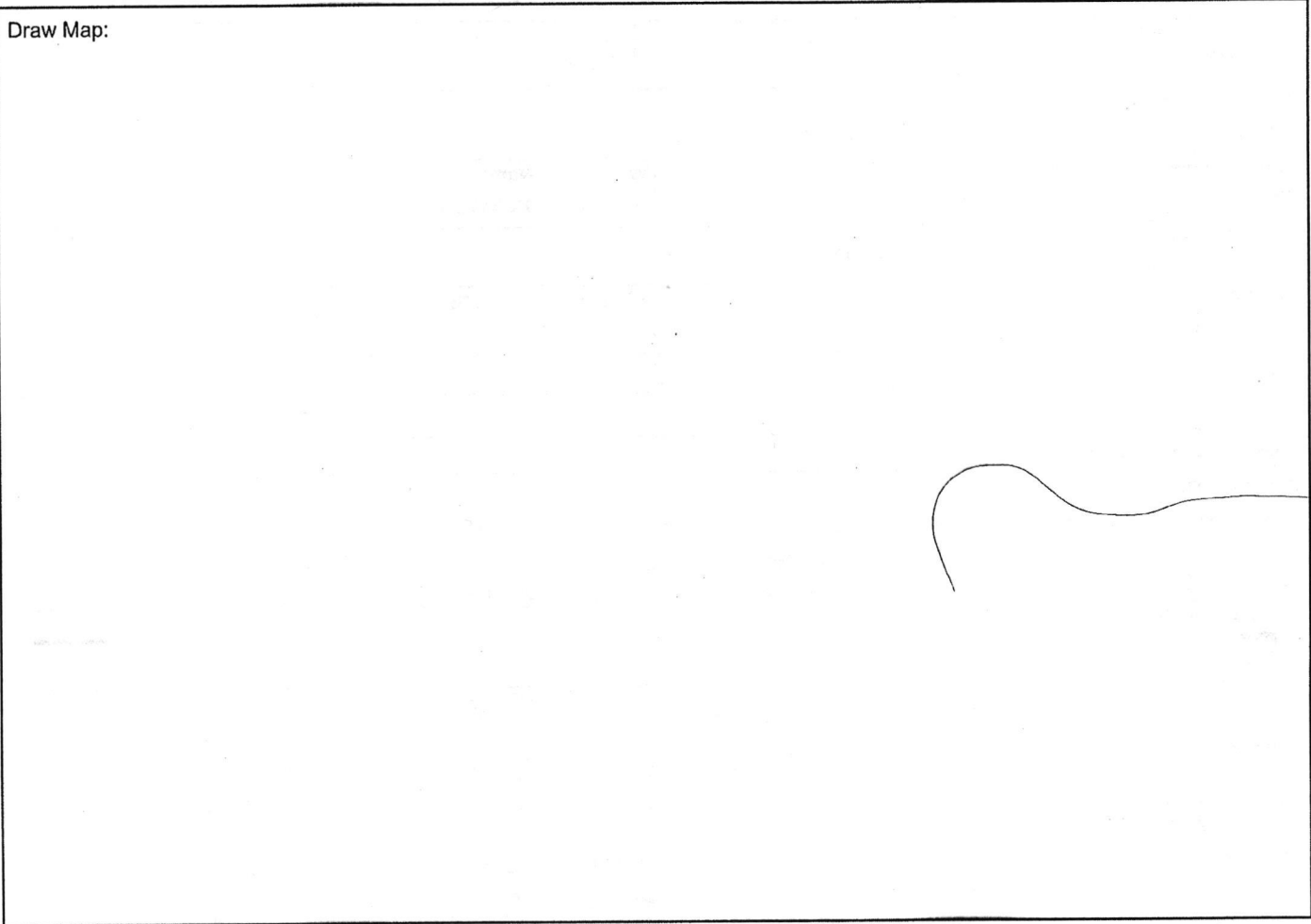
Substrate Composition

Bedrock _____ % Boulder _____ % Cobble _____ % Gravel _____ %
 Sand 10 % Silt 90 % Clay _____ % Muck _____ %
 Aquatic Macrophytes _____ % CWD _____ % Other (_____): _____ %

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	07/29/2020	09/18/2020	52
Time:	1030	1335	
Personnel:	Heltzer, Schmitz	Heltzer, Sobro	
Water Depth at Location (m):	~2	~2	
Sampler Height Above Substrate (m):	.5	.5	
Bank Placement: <input checked="" type="radio"/> L			
Distance From Bank:	15	15	
Water Temp (C):			
Water Color (clear, turbid, stained):	clear	clear	
D.O. (mg/L):			
pH:			
Conductivity:			
Transparency Tube (cm):			
Turbidity (NTUs):			
Water Velocity (m/s):	~.05	~.05	

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:

Deployment location in () - different than rain sensor point.

For Lab Use Only		
Sample Sorter Reed, Kayla	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 100%
Date Processed 10-25-2021	Specimens Saved Subsample 2066 archived in ABC Lab 1 Nov 2021	

A6 → 18(1) F5 → 2
 E4 → 0 ~~1200~~
 H3 → 1(1) B8 → 11
 A1 → 1
 D7 → 10(5) F2+B5+C7+G8 → 17
 D1+H6+H8+B7 → 5
 Rest: 44 + 64 + 21 + 70

River Macroinvertebrate IBI Sampling Notes

River: Fox River Station: Fox River @ Center Drive

Sample ID (YYMMDD-CC-FF): 20200918-68-01 SWIMS no.: 683207

Deployment: Date: 07/29/2020 Personnel: Craig Helker, Amanda Schmitz

Retrieval: Date: 09/18/2020 Personnel: Craig Helker, Rachel Subro

Lat: 42.87608 Long: -88.24411 Deployment: riverbed snag

Time: 1030 Temp. _____ °C D.O. _____ Cond _____

Secchi _____ mm Turbidity _____ ntu Water Velocity: ~.05 m/s²

Sampler location & deployment notes: Bank: R L. Dist. from bank 15 m

~300 m ds Center Road. Tied to log.

Habitat:

Substrate %: boulder _____, cobble _____, gravel _____, sand 10, silt 90, clay _____.

Snags: no. / 100m _____, Avg. size _____ dbh. Deciduous Coniferous

Riparian land use, vegetation, and condition Wetland expansion

Water depth at sampler location: At deployment ~2 m. At retrieval ~2 m.

Sampler height above substrate .5 m.

Retrieval notes: None

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Callibaetis	L	ii	2	MCB 2019	imm		N
Caenis	L	iiii	7	"	imm		
Stenonema	L	i	1	"	imm		
Tricorythodes	L	i	1	"			
Coenagrionidae	L	i	1	"	imm		
Elophila	L	ii	2	"			
Paratanytarsus	P	i	1	"		N	
Caecidotea racovitzai racovitzai	A	iiii	24	Will 1972			
Nelobdella eriensis	A	iiii	34	Sagler et al 2018			
Id. triseialis	A	i	1	Klemm 1985			
Placobdella papillifera	A	ii	2	Thorp Reg 2016			
Nannactinidae	A	i	1	"			
Dugesinidae	A	iii	3	"			
Hyalella weilbami	A	i	1	Sauer et al 2015			
Plecoptera	A	i	6	Thorp Reg 2016	imm	N	
Trametes excavatus	A	iiii	39	"			
Pedopoda	A	i	1	"			
Ephyridae	L	ii	2	MCB 2019			
Split Aza Chironomidae	L	Bx-JD					
Split Aza Chironomidae	L	Bx-JD					
Split Aza Chironomidae	L	iiii					
Split Aza worm	A	Bx-JD					
Split Aza worm	A	Bx-JD					
Split Aza worm	A	iiii-JD					
Comptosia	L	i	1	And et al 2013			N
Stylarra laustris	A	i	1	Kath Brin 1998			N
Chironomidae	L	i	1	MCB 2019	dam		N
Tanyptera	L	iiii	9	And et al 2013	dam/imm	N	
Zanlotomyia	L	iiii	28	"			
Nannochironomus (Nannochironomus) crassicornis / cf. rectinervis	L	i	1	Bolton 2012			
Chironomidae	L	iiii	9	And et al 2013	unk indet	N	
Dicostendipes	L	xi	11	"			
Endochironomus nigricans	L	iii	3	Bolton 2012			
Glyptotendipes	L	ii	2	And et al 2013			
Parachironomus	L	i	1	"	imm	N	
P. arcuatus group	L	iiii	8	"			
Paratanytarsus	L	iiii	4	"	unk indet	N	
P. species B	L	ii	21	Nils unpubl			
Polypedilum	L	i	1	And et al 2013		N	

