

**Station Summary**

<b>Waterbody Name</b> FOX RIVER	<b>WBIC</b> 117900	<b>Field Seq no. generated by SWIMS</b> 199649970
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<b>SWIMS Station ID</b> 10011616	<b>SWIMS Station Name</b> FOX RIVER - COUNTY O		
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<b>Field Sample ID (retrieval date)</b> 20190924-39-01	<b>Basin (WMU)</b> UPPER FOX	<b>Watershed Name</b> BUFFALO AND PUCKAWAY LAI	<b>County</b> MARQUETTE
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**Project Name** LARGE RIVER SUPPLEMENTAL MONITORING IN FOX AND WOLF RIVER BASIN

<b>Latitude</b> 43.671688	<b>Longitude</b> -89.39571	<b>Determination Method</b>	<b>Datum Used</b>
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Site Access Details: DS of launch, on R bank facing DS

**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 Natural

**Substrate Composition**

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

**Field Measurements**

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	8/13/19	09/24/2019	42
Time:	12:00	13:00	
Personnel:	D. Bolha, Z. Kleemann	D. Bolha	
Water Depth at Location (m):	1.5	1.5	
Sampler Height Above Substrate (m):	0.2	0.1	
Bank Placement: R <u>(L)</u>	<del>Right</del>		
Distance From Bank:	7.0 m	7 m	
Water Temp (C):	24.1	19.9	
Water Color (clear, turbid, stained):	clear	clear	
D.O. (mg/L):	5.4.3 / 52.4	5.3 / 59.7	
pH:	7.4	7.5	
Conductivity:	387.4	348.7	
Transparency Tube (cm):	120	120	
Turbidity (NTUs):			
Water Velocity (m/s):	<del>0.35</del> 0.35 ft/s	1.303 ft/s	

# Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-136 (R 10/11)

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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:

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**For Lab Use Only**

Sample Sorter <i>Raatz, Trevor</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>49</i>
Date Processed <i>11/12/2020</i>	Specimens Saved <i>549 subsample archived in ABL until Jan 2024</i>	

*B7:14      A1:24:130      D2:24:241      H6:21:323      REM 252:14:549*  
*G7:34:48      F6:30:160      A6:15:256      D7, B1,      } 112:435*  
*C4:35:83      D8:35:193      E6:19:275      C5, F8, G2*  
*F2:23:106      G6:22:217      C8:27:302      E2, E8,*

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
<i>Baetis intercalaris</i>	L	II	2	Klub 2016			N
<i>Acerpenna</i>	L	II	2	Merrillum B 2019	dam	N	
<i>A. pygmaea</i>	L	II	2	Klub 2016			
Heptageniidae	L	III	3	Merrillum B 2019	dam	N	
<i>Mesochoreia</i>	L	-	5	Klub 2016	imm	N	
<i>M. terminatum</i>	L	XII	12	"			
<i>Stenocranus</i>	L	88 II	72	Merrillum B 2019	imm	N	
<i>S. interpunctatum</i>	L	II	2	Klub 2016			
Hydropsychidae	L	HTI	6	Merrillum B 2019	imm	N	
<i>Cheumatopsyche</i>	L	888-III	171	"			
<i>Hydropsyche</i>	L	II	2	Hils 1995	imm	N	
<i>H. simulans</i>	L	-III	8	Schm Hils 1986			
<i>H. orris</i>	L	I	1	"			
<i>Chimarra obscura</i>	L	III	3	Hils 1982			
Polycentropodidae	L	II	2	Merrillum B 2019	imm	N	
<i>Neureclipsis</i>	L	X-III	18	"			
<i>Nectopsyche caudata</i>	L	I	1	Glov Floyd 2004			
<i>Oubiraphia</i>	L	-II	7	Merrillum B 2019			
<i>Macronychus glabratus</i>	L	II	2	Hils Schm 1992			
<i>Stenelmis</i>	L	XI	11	Merrillum B 2019			
<i>Glossophonia complanata</i> = <i>G. elegans</i>	A	I	1	Thorp Bog 2016			
<i>Hemerodromia</i>	L	I	1	Merrillum B 2019			
<i>Hyalilla azteca</i>	A	0-II	27	Soucek et al 2015			
<i>Caecidotea intermedia</i>	A	-I	6	Will 1972			
Dugesidae	A	8-III	34	Thorp Bog 2016			
Hydrobiidae not <i>P. antipedarum</i>	A	X	10	Thorp Bog 1991			
<i>Helobdella echoensis</i>	A	III	4	Sagler et al 2018			
<i>H. ercensis</i>	A	II	2	"			
<i>Placobdella ornata</i>	A	I	1	Klemm 1985			
<i>Mooreobdella microstoma</i>	A	I	1	"			
<del>Split A2a Chironomidae</del>	L	8x VII					
<del>Split A2b Chironomidae</del>	L	2x VII					
<del>Split A3 worms</del>	A	0-III VII					
Glyptotendipes	L	-	5	And et al 2013			N
Tanyptarinae 08220000	L	I	1	"	mt indet	N	
Chironomidae 08250000	L	II	2	Merrillum B 2019	mt indet	N	
<i>Ablabesmyia</i> ( <i>Ablabesmyia</i> )	L	III	3	And et al 2013	imm		
<i>Pentaneura inconspicua</i>	L	X-III	19	Bolton 2012			
<i>Zawreliomyia</i>	L	II	2	And et al 2013			

