

**Station Summary**

<b>Waterbody Name</b> FOX RIVER	<b>WBIC</b> 117900	<b>Field Seq no.</b> generated by SWIMS 199649978
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<b>SWIMS Station ID</b> 243058	<b>SWIMS Station Name</b> FOX RIVER AT BERLIN WI		
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<b>Field Sample ID</b> (retrieval date) 20190903-24-01	<b>Basin (WMU)</b> UPPER FOX	<b>Watershed Name</b> FOX RIVER - BERLIN	<b>County</b> GREEN LAKE
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**Project Name** LARGE RIVER SUPPLEMENTAL MONITORING IN FOX AND WOLF RIVER BASIN

<b>Latitude</b> 43.95392	<b>Longitude</b> -88.95256	<b>Determination Method</b> GPS	<b>Datum Used</b> WGS 84
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Site Access Details: DS Berlin Dam 200 m L bank facing DS, same as 2016

**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) 1.5      Avg. size (dbh) 10"      Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: Natural

**Substrate Composition**

Bedrock \_\_\_\_\_ %      Boulder \_\_\_\_\_ %      Cobble \_\_\_\_\_ %      Gravel \_\_\_\_\_ %  
Sand 80 %      Silt 20 %      Clay \_\_\_\_\_ %      Muck \_\_\_\_\_ %  
Aquatic Macrophytes \_\_\_\_\_ %      CWD \_\_\_\_\_ %      Other ( \_\_\_\_\_ ): \_\_\_\_\_ %

**Field Measurements**

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	07/17/19	09/03/19	48
Time:	12:20	15:10	
Personnel:	DB, ZK	DB, ZK	
Water Depth at Location (m):	1.5	1.0	
Sampler Height Above Substrate (m):	0.2	0.2	
Bank Placement: R (L)			
Distance From Bank:	15m	<del>15</del> 14	
Water Temp (C):	27.9	71.5°F	
Water Color (clear, turbid, stained):	turbid	turbid	
D.O. (mg/L):	2.8		
pH:	7.6		
Conductivity:	317		
Transparency Tube (cm):	34	52	
Turbidity (NTUs):			
Water Velocity (ft/s):	1 ft/s	1 ft/s	

USGS Staff Gage @ 10.8 ft @ deployment ; 9.9 ft @ retrieval

# 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 Logan Cutler	Taxonomist Dimitri, Jeffrey	Estimated Percent of Sample Sorted 4.6%
Date Processed 11/2/2020	Specimens Saved 529 subsample archived in ABL until Jan 2024	

137 94 298  
E4 C3 A4 F7 L7

2.5 hr  
3.5 hr

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Hydropsychidae	L		4	Merrillum B 2019	imm	N	N
Cheumatopsyche	L		4	"			
Hydropsyche <u>≠ L, H bidens/larvis</u>	L		4	Hols 1995	imm		
Cynellus fraternus	L		5	"			
Neureclipsis	L		1	Merrillum B 2019			
Bezzia/ Palpomyia	L		1	Hols 1995			
Orthocladiinae 08300001 pres1	P		1	Merrillum B 2019	dam	N	
Glyptotendipes	P		1	"			
Kribia dorum = Stelechomyia	P		1	"			
Craugonix	A		3	Thorp Reg 2016	fem/imm		
Gammarus pseudolimnoides	A		1	Hols 1972			
Hyaella azteca	A		3	Soucek et al 2015			
Caecocolea racovitzai racovitzai	A		6	Will 1972			
Dugesidae	A	888-	115	Thorp Reg 2016			
Eriobdella punctata punctata	A		1	Klemm 1985			
Iteobdella echiensis	A		2	Saglam et al 2018			
H. eriensis	A		3	"			
Mermithidae	A		1	Thorp Reg 2016			↓
Pelocaris femoratus	A		1	Hols 1974			Y
Dineutus	L		1	Merrillum B 2019			Y
<del>Split Aza Chironomidae</del>	L	8x 11)					
<del>Split Azb Chironomidae</del>	L	8x 11)					
<del>Split Azc Chironomidae</del>	L	8x 11)					
<del>Split Azd Chironomidae</del>	L	0-1 11)					
Split Az worms	L	-					
Dicoretendipes	L	x/	15	And et al 2013			N
Glyptotendipes	L	888	183	"		N	N
Tanyptodinae 08270000	L	-	5	"	mt indet imm	N	
Ablabesmyia (Ablabesmyia)	L	8x	50	"	imm	N	
A. (A.) thompe group	L	-	5	Bolton 2012			
Zavrelimyia	L		3	And et al 2013			
Thienemannimyia group	L		2	"	imm		
Nanocladius (Nanocladius)	L		1	"	imm	N	
N. (N.) distinctus	L		3	Bolton 2012			
N. (N.) minimus	L		1	"			
N. (N.) crassicornus/cf. rectinervis	L	-	9	"			
Thienemannella xena	L		1	"			
Chironominae 08330000	L	-	5	And et al 2013	mt indet imm	N	
Endochironomus nigricans	L		1	Bolton 2012			
Parachironomus areolatus group	L		2	And et al 2013			↓

