

Station Summary

Waterbody Name FOX RIVER	WBIC 117900	Field Seq no. generated by SWIMS 131123427
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SWIMS Station ID 10022818	SWIMS Station Name FOX RIVER (UPPER) BERLIN DAM		
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Field Sample ID (retrieval date) 20160914-24-01	Basin (WMU) UPPER FOX	Watershed Name FOX RIVER - BERLIN	County GREEN LAKE
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Project Name LARGE RIVER MACROINVERTEBRATE SAMPLING

Latitude N43°57'22.2" 43.951916	Longitude W88°56'59.8" -88.95817	Determination Method GPS	Datum Used WGS 84
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Site Access Details: 200 m DS USGS Gage Station

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 in Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: _____

Substrate Composition

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

Field Measurements

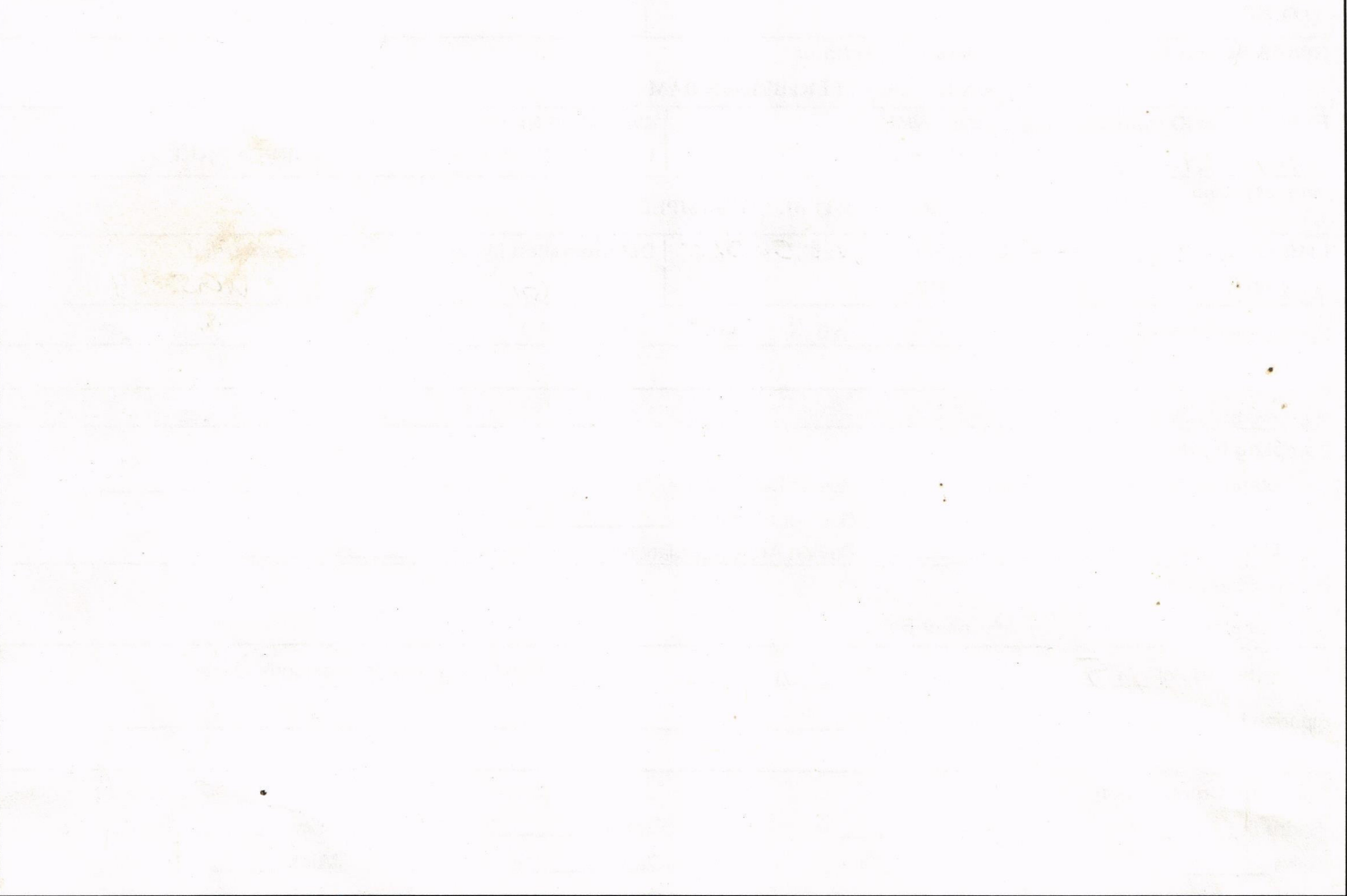
	Deployment	Retrieval	Total Colonization Time (Days)
Date:	08/04/2016	9/14/2016	41
Time:	10:00	10:51	
Personnel:	D. Bolha	D. Bolha	
Water Depth at Location (m):	2.0 0.6	0.7 0.9	
Sampler Height Above Substrate (m):	0.2	0.2	
Bank Placement: R (L)			
Distance From Bank:	15m	15m	
Water Temp (C):	27.6	68.5	
Water Color (clear, turbid, stained):	Turbid		
D.O. (mg/L):	6.79 (82.6%)	6.76 (74.2)	
pH:	6.31	7.58	
Conductivity:	390.6	370.9	
Transparency Tube (cm):	25	32	
Turbidity (NTUs):			
Water Velocity (m/s):	.33	1.16 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:

USGS Station: Deployment: 8-4-2016

Gage Height (Ft)	Discharge (CFS)
8.75	737
10.20	1420

Retival: 9-14-2016

Gage Height (Ft)	Discharge (CFS)
10.20	1420

For Lab Use Only		
Sample Sorter <i>David J. Jeffrey</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted 7.3
Date Processed 5/12/2017	Specimens Saved subsample archived in ABC until Nov 2020	

D4 TS #1
B6
C1

⑦

606

130 100
63 109
28. 61

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R? Y/N
Cenis	L	I	1	Kirber et al 2016			N
C. anceps	L	I	1	"			
C. latipennis	L	III	3	"			
Macraeternum	L	I	1	"			
Gomphus	L	I	1	Need et al 2000	dam	N	
G. (Gomphurus)	L	I	1	"	imm	N	
G. (G.) externus	L	I	1	"			
Argia	L	I	1	west, May 1986	dam		
Hydropsychidae	L	"	2	Hilsenrath 1985	imm	N	
Cheumatopsyche	L	888	126	"			
Hydropsyche	L	8xi	51	"			
H. orris	L	xii	12	Schm, Hils. 1986			
H. simulans	L	I	1	"			
Leptoceridae	L	I	1	Hilsenrath 1995	imm	Y	
Deceit	L	I	1	"	imm		
Chimarra	L	I	1	"	imm		
Cynellus fraternus	L	-I	6	"			
Macronychus glabratus	L	I	1	Hils, Schm. 1992			
Stenelmis	L	-II	7	"			
Empididae	L	I	1	Gert, Meier 2008	dam	N	
Nemerodromia	L	x	10	"			
Gemmarus pseudolimnaceus	A	"	2	Holsinger 1972			N
Myallia	A	"	2	Pennak 1978			
Crangonyx	A	I	1	Holsinger 1972	fem		
Naididae	A	III	4	Brin, Goid 1991			
Split A3 Chironomidae	L	I-VI					
Cryptotendipes	P	I	1	Ferr et al (2008)			N
Harnischia	P	I	1	"			
Polypedium	P	I	1	"		N	
Tanytarsinae	L	IV	3	Christen 2013	dam	N	
Nilotanytus	L	I	1	cran, Epler 2013			
Procladius	L	I	1	"	imm		
Thremmannimyia	L	"	2	"			
Zaprulimyia	L	I	1	"			
Ablabesmyia (Ablabesmyia)	L	xii	12	"	imm		
Nanocladius (Nanocladius)	L	III	3	Ander + 3 2013	imm	N=1, Y	
N. (N.) crassicornus/ef. reclinervis	L	III	4	Epler 2001			
Orthocladius (Orthocladius)	L	I	1	Ander + 3 2013			

