

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name YELLOW RIVER		Waterbody ID Code 2154500		Sample ID (YYYYMMDD-CY-FD) 2019120-09-08	
Sampling Location DS camp access 15m				Database Key 215849330	
SWIMS Station ID 10020101		SWIMS Station Name YELLOW RIVER -- ACCESS AT CTH S NORTH			
Latitude		Longitude		Lat/Long Determination Method (circle) SWIMS SWDV GPS	
Basin (WMU) LOWER CHIPPEWA				Watershed Name LOWER YELLOW (CHIPPEWA CO.) RIVER	
County CHIPPEWA				Datum Used if using GPS WGS84 or NAD83	
Sample and Site Descriptors					
Sample Collector (Last Name, First) Mycal Palomby, Kristin Palomby			Project Name LOTZ CREEK-YELLOW RIVER/PIKE CREEK TWA 2019		
Sampling Device					
<input checked="" type="checkbox"/> D-Frame Kick Net		<input type="checkbox"/> Surber Sampler		<input type="checkbox"/> Eckman	
<input type="checkbox"/> Ponar		<input type="checkbox"/> Artificial Substrate		<input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____	
Habitat Sampled					
<input checked="" type="checkbox"/> Riffle		<input type="checkbox"/> Run		<input type="checkbox"/> Pool	
<input type="checkbox"/> Other		<input type="checkbox"/> Shoreline Composite		<input type="checkbox"/> Proportionally-Sampled Habitat	
<input type="checkbox"/> Littoral Zone		<input type="checkbox"/> Profundal Zone		<input type="checkbox"/> Wetland	
Total Sampling Time (min) 2		Estimated Area Sampled (m²) 2.5		Number of Samples in Composite 1	
Reason For Sampling					
<input type="checkbox"/> Least Impacted Reference		<input type="checkbox"/> Baseline		<input type="checkbox"/> Impact / Treatment Site	
<input type="checkbox"/> Control Site		<input type="checkbox"/> Trend		<input checked="" type="checkbox"/> Other: TWA	
Water Temp. (C) 1.67		D.O. (mg/l)		D.O. (% sat.)	
pH (su)		Conductivity (umhos/cm)		Transparency (cm)	
Water Color				Estimated Stream Velocity (m/s)	
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained				<input type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" type="checkbox"/> Fast (> 0.5 m/s)	
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m) .2		Average Stream Width of reach (m) 18m	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): 30		Rubble (tennisball to basketball): 60	
Sand: 5		Clay: _____		Gravel (ladybug to tennisball): 5	
Silt/Muck: _____		Overhanging Vegetation: _____		Aquatic Macrophytes: _____	
Leaf Snags: _____		Coarse Woody Debris: _____		Other (): _____	
Embeddedness of Substrate at Sample Site (%) 5			Canopy Cover at Sample Site (%) 0		

Stream and Watershed Descriptors

N = Not a problem
 U = Uncertain
 PL = Present, Low Impact
 PH = Present, High Impact

Factors that may be influencing Water Resource Integrity		Local	Water-shed	Factors that may be influencing Water Resource Integrity		Local	Water-shed
Biological				Chemical			
Algae: - Diatoms / Periphyton		PL	U	Chlorine		U	U
- Filamentous Algae		N	U	Dissolved Oxygen		U	U
- Planktonic Algae		N	U	Nutrients (P, N...)		U	U
Iron Bacteria		N	U	Toxics: - Inorganic (Metals)		U	U
Macrophytes		N	U	- Organic (PCBs, pesticides...)		U	U
Slimes		N	U	Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		N	U
				Point Source - Specify:			
Physical				Pasturing of Livestock		N	PH
Bank Erosion		N	U	Runoff: - Barnyard		N	U
Channelization: - Upstream		N	N	- Construction		N	U
- Downstream		N	N	- Cropland		N	PH
Hydraulic Scour / Channel Incision		N	U	- Urban		N	U
Impoundment: - Upstream		N	U	Septic Systems		U	U
- Downstream		N	PH	Tile Drainage - Organic Soils		U	U
Low Flow		N	U	- Mineral Soils		U	U
Sedimentation		N	U	Springs		U	U
Sludge		U	U	Tributary(s)		U	U
Thermal		U	U	Wetland		U	U
Turbidity		U	U	Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Cough, Natalie	Dimrek, Jeffrey	13%
Date Processed	Specimens Saved	
2/6/2020	Subsample archived in ABL until Apr 2023	

DS-III
 CZ-34
 7145

Wisconsin Department of Natural Resources

ABL SampleNum: 20191120-09-08

Taxonomist: Dimick, Jeffrey

Waterbody: Yellow River
SWIMS Database Key: 215849330

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Acerpenna pygmaea</i>	L	"	2	Klob 2016		
<i>Leucocysta</i>	L	xiii	13	"		
<i>Maccalfertus</i>	L	iiii	4	"	imm	N
<i>M. mediopunctatum</i>	L	iii	3	"		
<i>M. modestum</i>	L	-	5	"		
<i>Leptophlebia</i>	L	I	1	"	imm	
<i>Paraleptophlebia</i>	L	-ii	7	"	depr/imm	N
<i>P. mollis</i>	L	I	1	"		
<i>Isonychia</i>	L	I	1	"		
<i>Allocamnia</i>	L	ii	2	Hils 1995		
<i>Paracamnia argulata</i>	L	iii	3	Hatch 1974		
<i>Acronicta</i>	L	ii	2	Hils 1995	depr/imm	
<i>Paragnetina medea</i>	L	I	1	"		
<i>Isoneta</i>	L	I	1	"	imm	N
<i>I. signata</i>	L	I	1	Hils 1982		
<i>I. Fransmarina</i>	L	I	1	"		
<i>Taeniopteryx burksi</i>	L	ii	2	Full Stew 1980		
<i>T. nivalis</i>	L	-	5	"		
<i>Strophopteryx fasciata</i>	L	xi	11	Hils 1995		
<i>Taeniopterygidae</i>	L	-	5	"	imm	N
<i>Taeniopteryx</i>	L	I	1	"	imm	N
<i>Ceratopsyche</i>	L	iiii	4	"	imm	N
<i>C. brenta</i>	L	I	1	Schm Hils 1986		
<i>C. morosa bifida form</i>	L	iii	3	"		
<i>Cheumatopsyche</i>	L	iii	3	Hils 1995		
<i>Optiosewius</i>	L	I	1	Hils Schm 1992	imm	
<i>Stenelmis</i>	L	ii	5	"		
<i>Liodesus affinis</i>	A	I	1	Hils 1994		
<i>Atherix variegata</i>	L	ii	2	Hils 1995		
<i>Bezzia/Palpa myia</i>	L	-ii	7	"		
<i>Neoplasta</i>	L	ii	2	cont Merr 2008		
<i>Dicranota</i>	L	ii	2	Hils 1995		
<i>Orthocladius</i>	P	I	1	Perrchal 2008		N
<i>Hygrobaetes</i>	A	I	1	Pluchino 1984		
<i>Sperchon</i>	A	I	1	"		
<i>Nais</i>	A	iiii	4	Kath Bunk 1998		
<i>Whiffeniinae (without hairs)</i>	A	I	1	Klemm 1985		

