State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 53707-7291
dnr.wi.gov

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name	**Waterbody ID Code**	**Sample ID (YYYYMMDD-CY-FD)**
EAST RIVER	118000	20171016-05-12

Sampling Location	**Database Key**
10 m US	149840901

SWIMS Station ID	**SWIMS Station Name**
053509	EAST RIVER - WRIGHTSTOWN RD

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
		SWIMS SWDV GPS	WGS84 or NAD83

Basin (WMU)	**Watershed Name**	**County**
LOWER FOX	EAST RIVER	BROWN

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
ANDREW HUDAK	UPPER EAST RIVER TWA 2017

Sampling Device

- [X] D-Frame Kick Net
- [ ] Surber Sampler
- [ ] Eckman
- [ ] Ponar
- [ ] Artificial Substrate
- [ ] Hess Sampler
- [ ] Other: _____

Habitat Sampled

- [ ] Riffle
- [X] Run
- [ ] Pool
- [ ] Other
- [ ] Shoreline Composite
- [ ] Proportionally-Sampled Habitat
- [ ] Littoral Zone
- [ ] Profundal Zone
- [ ] Wetland

Total Sampling Time (min)	**Estimated Area Sampled (m^2)**	**Number of Samples in Composite**	**Replicate No.**
6	10	1	1 of 1

Reason For Sampling

- [ ] Least Impacted Reference
- [ ] Baseline
- [ ] Impact / Treatment Site
- [ ] Control Site
- [ ] Trend
- [X] Other: Special Project

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
					39

Water Color

- [ ] Clear
- [X] Turbid
- [ ] Stained

Estimated Stream Velocity (m/s)

- [X] Slow (< 0.15 m/s)
- [ ] Moderate (0.15 m/s - 0.5 m/s)
- [ ] Fast (> 0.5 m/s)

Measured Velocity (circle units: m/s **or** f/s)	**Average Stream Depth of reach (m)**	**Average Stream Width of reach (m)**
0.12	0.75	8.0

Composition of Substrate Sampled (Percent):

Bedrock:	Boulders (basketball or larger):	Rubble (tennisball to basketball):	Gravel (ladybug to tennisball):

Sand:	Clay:	Silt/Muck:	Overhanging Vegetation:
10	10	10	50

Aquatic Macrophytes:	Leaf Snags:	Coarse Woody Debris:	Other (_____):
		20	

Embeddedness of Substrate at Sample Site (%) 100 **Canopy Cover at Sample Site (%)** 20

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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			Chlorine		
- Filamentous Algae			Dissolved Oxygen		
- Planktonic Algae			Nutrients (P, N...)		
Iron Bacteria			Toxics: - Inorganic (Metals)		
Macrophytes			- Organic (PCBs, pesticides...)		
Slimes			Other - Specify:		
Other - Specify:			**Sources of Stream Impacts**		
			Bank Erosion		
Physical			Point Source - Specify:		
Bank Erosion			Pasturing of Livestock		
Channelization: - Upstream			Runoff: - Barnyard		
- Dow nstream			- Construction		
Hydraulic Scour / Channel Incision			- Cropland		
Impoundment: - Upstream			- Urban		
- Dow nstream			Septic Systems		
Low Flow			Tile Drainage - Organic Soils		
Sedimentation			- Mineral Soils		
Sludge			Springs		
Thermal			Tributary(s)		
Turbidity			Wetland		
Other - Specify:			Other - Specify:		

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter ~~3/12/12~~ Kayla Wilcox	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 100%
Date Processed 3/12/12	Specimens Saved Subsample archived in ABC unit May 2021	

C2=8 E1=4 C1=6 57 70 #127
D2=18 D3=7
A2=9 A1=5

Wisconsin Department of Natural Resources
ABL SampleNum: **20171016-05-12**
Taxonomist: Dimick, Jeffrey

Waterbody: **East River**
SWIMS Database Key: **149840901**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Callibaetis	L	IIII	4	Huberdeanz 2016		
Liodessus affinis	A	IIII	5	Hilsenhoff 1994		
Enochrus ochraceus	A	I	1	Hilsenhoff 1995c		
Tropisternus glaber	A	II	2	"		
Staphylinidae	A	I	1	White, Resh. 2008		
Pilaria	L	IIII	4	Hilsenhoff 1995		
Tipula	L	III	3	"		
Dixella	L	I	1	"		
~~Ano~~Culicidae	P	I	1	Mer. Webb 2008	dam	N
Anopheles	L	III	3	Wall., Walk. 2008		
Tanypodinae 08270001	P	I	1	Fer. et al. 2008	dam	Y
Procladius (Holotanypus)	P	II	2	"		
Caecidotea intermedia	A	IIII	22	Williams 1972		
Belostoma flumineum	A	I	1	Hilsenhoff 1994a		
Corixidae	A	I	1	"	imm	N
Hesperocorixa michiganensis	A	I	1	"		
Palmacorixa nana	A	III	3	"		
Sigara bicoloripennis	A	III	3	"		
S. grossolineata	A	—	5	"		
Ranatra fusca	A	I	1	"		
tubificoid Naididae w/o hair chaetae	A	x1	11	Erseus et al 2008		Y
tubificoid Naididae w/ hair chaetae	A	I	1	"		Y
Megadrili	A	IIII	4	Bain, Brink. 2016		
~~Psectrocl~~SP Psectrotanypus	L	I	1	Coon. Epler 2013		
Procladius	L	81	41	"	mt incl/ imm	N
P. (Holotanypus)	L	x	10	"		N
Chironomus	L	x-1	16	Epler et al 2013		
Dicrotendipes	L	II	2	"		
Stictochironomus	L	II	2	"		