

**Station Summary**

<b>Waterbody Name</b> PESHTIGO RIVER	<b>WBIC</b> 515500	<b>Field Seq no.</b> generated by SWIMS 153279876
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<b>SWIMS Station ID</b> 10020134	<b>SWIMS Station Name</b> PESHTIGO RIVER -- ACCESS OFF BOAT LANDING LN TOWN OF GROVER		
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<b>Field Sample ID (retrieval date)</b> 20170919-38-02	<b>Basin (WMU)</b> GREEN BAY	<b>Watershed Name</b> LOWER PESHTIGO RIVER	<b>County</b> MARINETTE
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**Project Name** LARGE RIVERS MONITORING

<b>Latitude</b> 45.128254	<b>Longitude</b> -87.87935	<b>Determination Method</b>	<b>Datum Used</b>
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Site Access Details: \_\_\_\_\_

**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: underdeveloped woody silver maple, swamp white oak  
corridor

**Substrate Composition**

Bedrock \_\_\_\_\_%     Boulder \_\_\_\_\_%     Cobble \_\_\_\_\_%     Gravel 50%  
 Sand 50%     Silt \_\_\_\_\_%     Clay \_\_\_\_\_%     Muck \_\_\_\_\_%  
 Aquatic Macrophytes \_\_\_\_\_%     CWD \_\_\_\_\_%     Other (\_\_\_\_\_): \_\_\_\_\_%

**Field Measurements**

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	7/18/17	9/19/17	62
Time:	1200	1330	
Personnel:	Hudak	Hudak	
Water Depth at Location (m):	2.29	2.29	
Sampler Height Above Substrate (m):	0.5	0.5	
Bank Placement: R L	R	R	
Distance From Bank:	6 m	6 m	
Water Temp (C):	22.52	18.99	
Water Color (clear, turbid, stained):	clear	clear	
D.O. (mg/L):	7.4	10.25	
pH:	7.5	7.9	
Conductivity:	.216	.236	
Transparency Tube (cm):	7122	7122	
Turbidity (NTUs):			
Water Velocity (m/s):			



Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Plecoptera	L	i	1	Hils 1995	imm	N	N
Acronurus	L	iii	3	"	imm	N	
A. abnormis	L	-iiii	9	Hitch 1974			
Pteronareys	L	-ii	7	Hils 1995	imm		
Taenopteryx	L	iiii	4	"	imm		
Perlilla drymo	L	i	1	Hitch 1974			
Baetidae	L	ii	2	Kish 2016	decomp/imm	N	
Baetis intercalaris	L	i	1	"			
Acentrella turbida	L	ii	2	"			
Placiditus dubius	L	i	1	"			
Ephemerellidae	L	ii	3	"	imm	N	
Ephemerella	L	i	1	"	imm		
Tetacanopsis deficiens	L	ii	2	"			
Hoptageniidae	L	oii	22	"	decomp/imm	N	
M. exiguum	L	oii	67	"	imm	N	
M. medianunctatum	L	i	1	"			
Leptophlebiidae	L	oiiii	24	"	imm		
Isopychia	L	i	1	"	imm		
Argia	L	i	1	West May 1996	imm		
Gomphidae	L	ii	2	Need et al 2000	imm		
Isaemura numerosis	L	x	15	Hils 1995			
Hydropsychidae	L	iii	3	Hils 1995	imm		
Chumatopsyche	L	oii	27	"			
Hydropsyche	L	iii	3	"	imm	4	
H. phalerata	L	i	1	Schm Hils 1986			
Ceratopsyche	L	-ii	7	Hils 1995	imm	N	
C. horta	L	ii	2	Schm Hils 1986			
C. macosa macosa form	L	xi	11	"			
C. spuma	L	i	1	"			
Oecetis	L	i	1	Hils 1995			
Chimarra	L	ii	2	"			
Neureclipsis	L	i	1	"			
Psychomyia flavida	L	i	1	"			
Nigronia seminolis	L	i	1	Menz 1966			
Axyronyx variegatus	L	ii	4	Hils Schm 1992			
Dubiraphia	L	i	1	"			
Macronychus gabriellus	L	oiiii	24	"			
Ophideres	L	iii	3	"			
O. trivittatus	L	iii	3	"			

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
<i>Stenelmis</i>	L	x	15	Hils Schum 1992		N	N
<i>S. sandersoni</i>	A	1	1	"			
<i>Atherix variegata</i>	L	III	3	Hils 1995			
<i>Nemerodromia</i>	L	II	3	Court Merr 2008			
<i>Neoplata</i>	L	I	1	"			
<i>Simulium venustum</i> species complex	L	I	1	Adl et al 2004			
<i>S. jenningsi</i> species group	L	III	3	"			
<i>Tipula</i>	L	I	1	Hils 1995			
<i>Orthocladiinae</i> OB300001	P	II	2	Ferre et al 2008		N	
<i>Corynoneura</i>	P	I	1	"			
<i>Cricotopus</i> ( <i>Cricotopus</i> )	P	III	4	Coff et al 1986		N	
<i>Parabemisia</i>	P	II	2	Ferre et al 2008			V
<i>Hyalella</i>	A	I	1	Thorp 2016	imm		N
<i>Naidinae</i>	A	B-1	46	Braunfeld 1991			N
<del><i>Spiliza chloromide</i></del>	<del>L</del>	<del>III-IV</del>					
<i>Pentaneura mansuetora</i>	L	I	1	Epler 2001			N
<i>Thienemannimyia</i>	L	I	1	Cran EPL 2013			
<i>Thienemannimyia</i> group	L	II	2	"	imm	N	
<i>Orthocladiinae</i> OB300000	L	III	3	Cranston 2013	mt indet	N	
<i>Cardiocladius obscurus</i>	L	I	1	Epler 2001			
<i>Corynoneura</i>	L	II	2	Ander + 3 2013		N	
<i>Lopescladius</i>	L	I	1	"			
<i>Parakiefferella</i>	L	I	1	"			
<i>Para-metoponemus</i>	L	I	1	"			
<i>Rheopelopia acra</i> group	L	I	1	Epler 2001			
<i>Rheocricotopus</i>	L	-1	6	Ander + 3 2013	imm	N	
<i>Rh. rebecki</i>	L	-	5	Epler 2001			
<i>Thienemannella</i>	L	II	2	Ander + 3 2013	mt indet imm	N	
<i>Th. laurocapita</i>	L	II	2	Bolton 2012			
<i>Th. xenica</i>	L	-III	9	"			
<i>Tvetenia bavaria</i> group	L	-1	6	Bode 1983			
<i>Tv. discoloripes</i> group	L	-II	7	"			
<i>Nannocladius</i> ( <i>Nannocladius</i> ) <i>saintpaulus</i>	L	I	1	Epler 2001			
<i>N. (N.) crassicornis</i> / <i>f. rectinervis</i>	L	I	1	"			
<i>N. (Pleuroterocallus)</i>	L	I	1	Ander + 3 2013	imm	N	
<i>N. (P.) downsi</i>	L	III	3	Epler 2001			
<i>Orthocladius</i> ( <i>Orthocladius</i> )	L	BIII	44	Ander + 3 2013			
<i>Cricotopus</i> / <i>Orthocladius</i>	L	-1	6	Ferre et al 2008	mt indet imm	N	V



