

**Station Summary**

Waterbody Name PESHTIGO RIVER		WBIC 515500	Field Seq no. generated by SWIMS 153279880
SWIMS Station ID 10029238	SWIMS Station Name PESHTIGO RIVER AT HWY W		
Field Sample ID (retrieval date) 20170919-38-01	Basin (WMU) GREEN BAY	Watershed Name MIDDLE PESHTIGO AND THUN	County MARINETTE
Project Name LARGE RIVERS MONITORING			
Latitude 45.232468	Longitude -88.01341	Determination Method	Datum Used

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: light residential within wooded corridor.

**Substrate Composition**

Bedrock \_\_\_\_\_ %      Boulder \_\_\_\_\_ %      Cobble 30 %      Gravel 50 %  
 Sand 20 %      Silt \_\_\_\_\_ %      Clay \_\_\_\_\_ %      Muck \_\_\_\_\_ %  
 Aquatic Macrophytes \_\_\_\_\_ %      CWD \_\_\_\_\_ %      Other ( \_\_\_\_\_ ): \_\_\_\_\_ %

**Field Measurements**

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	7/18/17	7/19/17	62
Time:	1300	1500	
Personnel:	Hbak	Hbak	
Water Depth at Location (m):	1	1	
Sampler Height Above Substrate (m):	0.5	0.5	
Bank Placement: R L	L	L	
Distance From Bank:	5 m	5 m	
Water Temp (C):	22.52	18.99	
Water Color (clear, turbid, stained):	clear	clear	
D.O. (mg/L):	8.5	11.3	
pH:	7.5	7.9	
Conductivity:	160	205	
Transparency Tube (cm):	7122	7122	
Turbidity (NTUs):			
Water Velocity (m/s):			

# Non-Wadeable Macroinvertebrate Field Data Report

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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 <i>Sam Lamarche</i>	Taxonomist <i>Demick Jeffrey</i>	Estimated Percent of Sample Sorted <i>54.2%</i>
Date Processed <i>10/2/18</i>	Specimens Saved <i>Subsample archived in APCL indivl Dec 2021</i>	

*520 specs*

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Plecoptera	L	I	1	Hils 1995	imm	N	N
12 Acronycta	L	II	2	"	imm		
123 Paragnetina media	L	X-III	21	"			
25 Pteronareys	L	II	2	"	imm		
Baetidae	L	-II	7	Kub 2016	dam/imm	N	
Baetis	L	I	1	"	dam		
58 Acentrella turbida	L	X-III	13	"			
Placiditus dubius	L	-II	7	"			
Neptageniidae	L	-III	12	"	dam/imm	N	
M. maculiferum	L	III	65	"	imm	N	
M. medianum	L	I	1	"			
410 M. modestum	L	II	2	"			
M. terminatum	L	I	1	"			
Leptophlebiidae	L	III	3	"	imm		
59 Isomyia	L	X-III	19	"	imm		
64 Brachycentrus numerosus	L	I	5	Hils 1985			
Hydropsychidae	L	-III	9	Hils 1995	imm	N	
Cnematopteryx	L	X-III	19	"			
Hydropsyche	L	III	3	"	imm	N	
65 H. phalerata	L	I	1	Schm Hils 1986			
67 H. scalaris	L	II	2	"			
Macrostemum zebraatum	L	II	2	Hils 1995			
Ceratopsyche	L	-III	8	"	imm	N	
C. alternans	L	X	15	Schm Hils 1986			
125 C. morosa morosa form	L	IX-III	58	"			
126 Leucotrichia pictipes	L	I	1	Hils 1995			
Chimarra	L	III	5	"	imm	N	
128 C. sociata	L	II	2	Hils 1982			
135 Psychomyia flavida	L	-II	7	Hils 1995			
Stenelmis	L	X	5	Hils Schm 1992			
137 Atherix variegata	L	II	2	Hils 1995			
Macronychus glabratus	L	I	1	Hils Schm 1992			
Simulium	L	III	3	Adl et al 2001	imm	Y	
S. vittatum species complex	L	III	4	"			
S. fibrinatum	L	I	1	"			
S. jenningsi species group	L	-I	6	"		N	
Simulium	P	-III	8	"		N	
Orthocladiinae 0830001	P	I	1	Fert et al 2008		N	
Polyarctidulum	P	I	1	"		N	

&gt;3 taxa, TUALSZD

138 &gt; (0.1 x 373)