

Instructions: Bold fields must be completed.

Station Summary	
Waterbody Name PIGEON RIVER	Waterbody ID Code 62300
Sample ID (YYYYMMDD-CY-FD) 20221005-60-05	Database Key 323972355
Sampling Location @ footbridge	
SWIMS Station ID 603421	SWIMS Station Name PIGEON RIVER AT MEMORIAL PARK
Latitude 43.8369	Longitude -87.8174
Lat/Long Determination Method (circle) <u>SWIMS</u> SWDV GPS	Datum Used if using GPS <u>WGS84</u> or NAD83
Basin (WMU) SHEBOYGAN	Watershed Name PIGEON RIVER
	County SHEBOYGAN

Sample and Site Descriptors	
Sample Collector (Last Name, First) CRAIG HELKER	Project Name PIGEON RIVER TWA 2022

Sampling Device

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

Habitat Sampled

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

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

Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: Pigeon River TWA

Water Temp. (C) 14.9	D.O. (mg/l) 14.01	D.O. (% sat.) 138.9	pH (su) 8.65	Conductivity (umhos/cm) 579	Transparency (cm) 120
-------------------------	----------------------	------------------------	-----------------	--------------------------------	--------------------------

Water Color <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input checked="" type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
---	---

Measured Velocity 0.62	circle units m/s or f/s	Average Stream Depth of reach (m) .4	Average Stream Width of reach (m) 7.6
---------------------------	----------------------------	---	--

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 30
 Sand: 20 Clay: _____ Silt/Muck: 30 Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 50 Canopy Cover at Sample Site (%) 20

20221005-60-05
 Station # 603421
 Sample 1 of 1
 Pigeon River @ Memorial Park
 WBIC 62300
 Craig Helker
 Pigeon River TWA 2022

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			
- Downstream				- Construction			
Hydraulic Scour / Channel Incision				- Cropland			
Impoundment: - Upstream				- Urban			
- Downstream				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 <i>Reed, Kayla</i>	Taxonomist <i>Dimrick, Jeffrey</i>	Estimated Percent of Sample Sorted 15.7%
Date Processed 2-10-23	Specimens Saved <i>360 267</i> subsample archived in ABL in box	

B2 Q3 - 35 D4 Q4 - 39
Q2 - 16 Q3 - 30
Q1 - Q2 -
Q4 - 42 + 20 + 2 Q1 - 30 + 2

D2 Q3 - 24
D2 Q4 - 27

May 20 2026

Wisconsin Department of Natural Resources

ABL SampleNum: 20221005-60-05

Taxonomist: Dimick, Jeffrey

Waterbody: Pigeon River

SWIMS Database Key: 323972355

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Coenias	L	-1	6	MCB 2019	imm	
Diponata <i>Zygoptera</i>	L	1	1	"	imm	
Hydroptila	L	11	2	"		
Stenelmis curvata	A	1	1	Hils ERM 1992		
Malleochrysa	L	1111	7	Hils 1995		
Parakiefferiella 08302901	P	x11	12	MCB 2019		N
Tanytarsus 08336701	P	111	3	"		N
Antocha	L	1	1	"		
Ecnypidae	A	111	3	Thorp Bog 2016		
Mermithidae	A	1	1	"		
Naidinae	A	-1	6	Kahn Bon 1998		
Tubificinae (with hairs)	A	111	3	"		Y
Tubificinae (without hairs)	A	01	21	"		Y
Hydrobates	A	1111	4	Peck et al 1990		
Lebentia	A	1	1	"		
Cyclopidae	A	11	2	Thorp Bog 2016		
Split A1 Chironomidae	L	B-X-11				
Split A2 Chironomidae	L	B-X-11				
Split A3 Chironomidae	L	B-X-11				
Split A2 Chironomidae	L	B-T-20				
Parakiefferiella	L	x-11	17	Anders et al 2013		
Chironomus	L	x	10	"		
Cladotanytarsus	L	x-1	31	"		
Cryptochironomus	L	1111	6	"		
Dicranotendipes	L	811	45	"		
Microtendipes pedellus group	L	111	5	"		
Paratendipes	L	2011111	28	"		
Conchapelapia	L	1	1	"		
Chironominae 08330000	L	11	2	"	dam	N
Cleopelma	L	11	2	"		
Paratanytarsus species B	L	111	3	Hils unpubl		
Polypedium (Tropidura) halterale group	L	1	1	Bolton 2012		
P-(T) scalperum group	L	8111	33	"		
Stictochironomus	L	801	65	Anders et al 2013		
Tanytarsus	L	111	3	"		