

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name UNNAMED		Waterbody ID Code 62600	Sample ID (YYYYMMDD-CY-FD) 20221005-60-03
Sampling Location Riffle @ start of station		Database Key 323972378	
SWIMS Station ID 10016378		SWIMS Station Name UNNAMED TRIB/JETZER LK. OUT. - UPSTREAM OF CONFLUENCE WITH FISHER C	
Latitude 43.8261	Longitude -87.8342	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) 4	Estimated Area Sampled (m²) 4	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) 12.3	D.O. (mg/l) 10.21	D.O. (% sat.) 95.3	pH (su) 8.33	Conductivity (umhos/cm) 630	Transparency (cm) +120
--------------------------------	-----------------------------	------------------------------	------------------------	---------------------------------------	----------------------------------

Water Color

Clear Turbid Stained

Estimated Stream Velocity (m/s)

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

Measured Velocity .4	circle units m/s or <u>f/s</u>	Average Stream Depth of reach (m) .2	Average Stream Width of reach (m) 4.5
--------------------------------	-----------------------------------	--	---

Composition of Substrate Sampled (Percent):

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

Embeddedness of Substrate at Sample Site (%) 60 **Canopy Cover at Sample Site (%)** 80

20221005-60-03
 Station # 10016378
 Sample 1 of 1
 Un Trib /Jetzer KJ Outlet US of Fisher
 WBIC 62600
 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			
				Point Source - Specify:			
Physical				Pasturing of Livestock			
Bank Erosion				Runoff: - Barnyard			
Channelization: - Upstream				- Construction			
- Downstream				- Cropland			
Hydraulic Scour / Channel Incision				- Urban			
Impoundment: - Upstream				Septic Systems			
- Downstream				Tile Drainage - Organic Soils			
Low Flow				- Mineral Soils			
Sedimentation				Springs			
Sludge				Tributary(s)			
Thermal				Wetland			
Turbidity				Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Undlin, Dylan</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>43.75%</i>
Date Processed <i>2/10/23</i>	Specimens Saved <i>Subsample 329 archived in ABL unit 1 May 2026</i>	

C4 (31) *A9* (41) *B3* *C2* *A1* *D3* *B2* *D1*
92 → 11
91 → 8
93 → 12
94 → 21
38 102
(140)
(117)

Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis	L	-1	6	MCB 2019	chem/imm	N
B. brunneicolor	L	011	22	Klob 2016		
B. flavistriga species complex	L	1111	4	"		
Stenonema	L	1111	4	MCB 2019	imm	
Alloagania	L	11111	13	"		
Microvela americana	A	1	1	Hils 1986		
Chironomus tentans	L	88x-1	96	MCB 2019		
Hydropsyche betteni	L	-1	6	Schmidt's KIBB		
Chironomus tentans	L	1	1	Hils 1982		
Helichus striatus	A	1	1	Hilsch 1992		
Dolopseps	L	88-11	87	MCB 2019	imm	N
D. fastidius L. 26 A. 3	LA	0-111	29	Hilsch 1992		
Stenelmis	L	1111	6	MCB 2019		N
S. crenata	A	1	1	Hilsch 1992		
Tanyptera 0827001 small taxon	P	1	1	MCB 2019		Y
Corynoneura 08300805	P	1111	4	"		N
Parakiefferiella 08302901	P	1	1	"		N
Parametrocnemus 08303002	P	11	2	"		N
Tweedia 083041803	P	111	3	"		N
Nemeroptera	L	1	1	"		
Simulium jenningsi species group	L	1	1	Haber et al 2004	imm	
Tipula	L	111	3	MCB 2019		
Craconyx	A	x111	13	Thorp 2016	Fem	
Gammarus pseudolimnoides	A	1111	9	Holsinger 1972		
Coelocera	A	1	1	Thorp 2016		
Ferrissia nivalis	A	1	1	"		
Physa	A	11	2	"		
Naididae	A	x	10	Kath Binn 1999		
Chironomidae (without hairs)	A	1	1	"		
Lebertia	A	1	1	Peck et al 1990		
Oreocetes rusticus	A	11	2	Hobbs, Jass 1988		
Antocha	L	1	1	MCB 2019		
Spilost. Chironomidae	L	x1-300				
Corynoneura	L	-11	7	Ander et al 2013		
Parakiefferiella	L	11	2	"		
Parametrocnemus	L	111	5	"		

