

WPC-01

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name WILSON PARK CREEK	Waterbody ID Code 15200	Sample ID (YYYYMMDD-CY-FD) 20201029-41-40
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Sampling Location US - (East) of S. 20th Street	Database Key 251837265
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SWIMS Station ID 10037932	SWIMS Station Name WILSON PARK CREEK EAST OF 20TH ST.
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Latitude 42.9721920	Longitude -87.9385270	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) MILWAUKEE RIVER	Watershed Name KINNICKINNIC RIVER	County MILWAUKEE
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Sample and Site Descriptors

Sample Collector (Last Name, First) CRAIG HELKER <i>Subr. Recel</i>	Project Name MILWAUKEE RIVER BASIN AQUATIC MACROINVERTEBRATA
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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) 1min	Estimated Area Sampled (m²) 1m ²	Number of Samples in Composite 1	Replicate No. <u>1</u> of <u>1</u>
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: _____

Water Temp. (C) 8.13	D.O. (mg/l) 10.4	D.O. (% sat.) 88.8	pH (su) 6.8	Conductivity (umhos/cm) 1346	Transparency (cm) 120
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity _____ circle units m/s or f/s	Average Stream Depth of reach (m) 0.2m	Average Stream Width of reach (m) 5m
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 40 Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 40
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: 10 Coarse Woody Debris: _____ Other (_____): _____

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

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:			
				Pasturing of Livestock			
Physical				Runoff: - Barnyard			
Bank Erosion				- Construction			
Channelization: - Upstream				- Cropland			
- Downstream				- Urban			
Hydraulic Scour / Channel Incision				Septic Systems			
Impoundment: - Upstream				Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow				Springs			
Sedimentation				Tributary(s)			
Sludge				Wetland			
Thermal				Other - Specify:			
Turbidity							
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Kabel Dunn	Taxonomist Jimiek Jeffrey	Estimated Percent of Sample Sorted 100%
Date Processed 2/11/2021	Specimens Saved Subsample archived in ABC until Feb 2021	

C3 E3 B2 C2 E1 } 25
 A3 E2 B1 D2 } 23
 A1 B3 C1 D1 D3 } 41
 A2 } 10
 (122)

Wisconsin Department of Natural Resources

ABL SampleNum: 20201029-41-40

Taxonomist: Dimick, Jeffrey

Waterbody: Wilson Park Creek

SWIMS Database Key: 251837265

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Chaumatopsyche</i>	L	ii	2	Merrilum B 2019		
<i>Bezzia/Palponymia</i>	L	i	1	Hills 1985		
<i>Hemerodromia</i>	L	iiii	4	Merrilum B 2019		
Muscidae	L	i	1	"		
<i>Simulium vittatum</i> species complex 08110217	L	i	1	Adl et al 2004		
<i>Gammarus pseudolimnaeus</i>	A	δ iii	34	Hills 1972		
<i>Caecidotea intermedia</i>	A	B iii	43	Will 1972		
Speronetiidae	A	i	1	Peck et al 1990		
Collembola	A	i	1	Merrilum B 2019		
Dugesidae	A	i	1	Thorp Reg 2016		
Naidinae	A	i	1	Kahn Ben 1998		
Tubificinae (with hairs)	A	♂ x-iii	58	"		Y
Tubificinae (without hairs)	A	i	6	"		Y
Eprobdeidae	A	iii	3	Thorp Reg 2016		Y
<i>Dina perla</i>	A	i	1	Klemm 1985		
split A2 Chironomidae	L	♂ x-iii				
<i>Concha pelopia</i> 08210700	L	-i	6	Adl et al 2013		
<i>Thienemannimyia</i> group	L	0	20	"	imm	N
<i>Cricotopus</i>	L	i	1	"	mt indet	N
<i>C. (Cricotopus) bicinctus</i> group	L	iiii	4	"		
<i>Orthocladius (Orthocladius)</i>	L	ii	2	"		
<i>Paratanytarsus</i>	L	ii	2	"	mt indet	N
<i>P. species B</i>	L	ii	2	Hills unpublished		

<3 taxa, TOTAL=20