

LC-01

State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 53707-7291
dnr.wi.gov

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14) Page 1 of 2

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name LINCOLN CREEK	Waterbody ID Code 19400	Sample ID (YYYYMMDD-CY-FD) 20201029-41-01
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Sampling Location @ pedestrian bridge	Database Key 253999638
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SWIMS Station ID 10043574	SWIMS Station Name LINCOLN CREEK AT MEAUX PARK
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Latitude 43.11157	Longitude -87.94236	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) MILWAUKEE RIVER	Watershed Name MILWAUKEE RIVER SOUTH	County MILWAUKEE
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Sample and Site Descriptors

Sample Collector (Last Name, First) Hallgren, Craig	Project Name MILWAUKEE RIVER BASIN AQUATIC MACROINVERTEBRATE
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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) 2	Estimated Area Sampled (m ²) 2	Number of Samples in Composite	Replicate No. _____ of _____
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Reason for Sampling

☐ Least Impacted Reference	☐ Baseline	☐ Impact / Treatment Site
☐ Control Site	☐ Trend	☒ Other: Milwaukee River Monitoring

Water Temp. (C) 8.29	D.O. (mg/l) 9.43	D.O. (% sat.) 82.0	pH (su)	Conductivity (umhos/cm) 1947	Transparency (cm) 100
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Water Color	Estimated Stream Velocity (m/s)
☒ Clear ☐ Turbid ☐ Stained	☐ Slow (< 0.15 m/s) ☐ Moderate (0.15 m/s - 0.5 m/s) ☒ Fast (> 0.5 m/s)

Measured Velocity 2.1	circle units m/s or f/s (f/s)	Average Stream Depth of reach (m) 0.3	Average Stream Width of reach (m) 18
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 40	Gravel (ladybug to tennisball): 40
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Sand: 20	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
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Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____
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Embeddedness of Substrate at Sample Site (%) 30	Canopy Cover at Sample Site (%) 70
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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 <i>Coash, Natalie</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>15%</i>
Date Processed <i>2/5/21</i>	Specimens Saved <i>Subsample archived in ABL until February 2024</i>	

B2:4 - 13

D1:4 + B2:1 - 17

D1:2 - 18

B2:2 + D1:3 + D1:1 - 50

B2:3 - 15

D3:4 - 19

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Taxonomist: Dimick, Jeffrey

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Polypedium (Polypodium) illinoense group