

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED	Waterbody ID Code 23300	Sample ID (YYYYMMDD-CY-FD) 20191010-67-04
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Sampling Location ds Jackson Drive	Database Key 220742799
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SWIMS Station ID 673270	SWIMS Station Name CEDAR CREEK TRIBUTARY - NEAR JACKSON WI <i>Fardon's Creek</i>
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Latitude 43.340	Longitude -88.1617	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS <u>WGS84</u> or NAD83
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Basin (WMU) MILWAUKEE RIVER	Watershed Name CEDAR CREEK	County WASHINGTON
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Sample and Site Descriptors

Sample Collector (Last Name, First) CRAIG HELKER	Project Name MILWAUKEE RIVER BASIN AQUATIC MACROINVERTEBRA
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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) 1	Estimated Area Sampled (m²) 1	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: _____

Water Temp. (C) 12.81	D.O. (mg/l) 10.15	D.O. (% sat.) 98.1	pH (su) -	Conductivity (umhos/cm) 797.9	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 type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity 2.8 circle units m/s or f/s	Average Stream Depth of reach (m) .3	Average Stream Width of reach (m) 4
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 60 Gravel (ladybug to tennisball): 40
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 0
Canopy Cover at Sample Site (%) 30

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			Factors that may be influencing Water Resource Integrity		
Local	Water-shed		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

2A = 59 3B = 68

3C = 62

Total = 189

For Lab Use Only

Sample Sorter Murphy Stehler	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 20%
Date Processed 3/12/2020	Specimens Saved Subsample archived in ABC under 1 Aug 2023	

