

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name STONY CREEK		Waterbody ID Code 28700	Sample ID (YYYYMMDD-CY-FD) 20171103-67-01
Sampling Location SOS		Database Key 149356397	
SWIMS Station ID 10008868		SWIMS Station Name STONEY CREEK 3 -(MORaine DR)	
Latitude 43.5279	Longitude 88.1479	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) MILWAUKEE RIVER		Watershed Name NORTH BRANCH MILWAUKEE RIVER	County WASHINGTON

Sample and Site Descriptors

Sample Collector (Last Name, First) CRAIG HELKER	Project Name STONY CREEK BIOLOGICAL COMMUNITY ASSESSMENT
Sampling Device	
<input checked="" type="checkbox"/> D-Frame Kick Net	<input type="checkbox"/> Surber Sampler
<input type="checkbox"/> Ponar	<input type="checkbox"/> Artificial Substrate
<input type="checkbox"/> Eckman	<input type="checkbox"/> Hess Sampler
<input type="checkbox"/> Other:	

Habitat Sampled

<input checked="" type="checkbox"/> Riffle	<input type="checkbox"/> Run	<input type="checkbox"/> Pool
<input type="checkbox"/> Other	<input type="checkbox"/> Shoreline Composite	<input type="checkbox"/> Proportionally-Sampled Habitat
<input type="checkbox"/> Littoral Zone	<input type="checkbox"/> Profundal Zone	<input type="checkbox"/> Wetland

Total Sampling Time (min) 1	Estimated Area Sampled (m ²) 1	Number of Samples in Composite	Replicate No. _____ of _____
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Reason For Sampling

<input type="checkbox"/> Least Impacted Reference	<input type="checkbox"/> Baseline	<input type="checkbox"/> Impact / Treatment Site
<input type="checkbox"/> Control Site	<input type="checkbox"/> Trend	<input checked="" type="checkbox"/> Other: <u>Stony Creek Biological Assessment</u>

Water Temp. (C) 7.2	D.O. (mg/l) 11.15	D.O. (% sat.) 94.3	pH (su) 7.32	Conductivity (umhos/cm) 727.7	Transparency (cm) 4.20
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Water Color <input 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 type="checkbox"/> Fast (>0.5 m/s)
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Measured Velocity 1.4 circle units m/s or f/s	Average Stream Depth of reach (m) .5	Average Stream Width of reach (m) 4.3
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): 60 Gravel (ladybug to tennisball): 30

Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____


Embeddedness of Substrate at Sample Site (%) 10 Canopy Cover at Sample Site (%) 90

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

Comments

sample poorly preserved 

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Sam Lamarche	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 7%
Date Processed 12/6/18	Specimens Saved Subsample archived in IBL until Jan 2022	

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