

Sample in 2 jars

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED		Waterbody ID Code 3000057	Sample ID (YYYYMMDD-CY-FD) 20181002-08-25
Sampling Location			Database Key 168775510
SWIMS Station ID 10030632		SWIMS Station Name UNNAMED TRIB. TO S. BR. OF THE MANITOWOC R. AT COURT RD.	
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) MANITOWOC		Watershed Name SOUTH BRANCH MANITOWOC RIVER	County CALUMET

Sample and Site Descriptors

Sample Collector (Last Name, First) MARY GANSBERG	Project Name NE LAKESHORE TMDL SUPPLEMENTAL MONITORING
---	--

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) 3	Estimated Area Sampled (m²) 0.7	Number of Samples in Composite 2	Replicate No. _____ of _____
---------------------------------------	--	--	--

Reason For Sampling

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

Water Temp. (C) 11.8	D.O. (mg/l) 5.0	D.O. (% sat.) 46.0	pH (su) 7.6	Conductivity (umhos/cm) 843	Transparency (cm)
--------------------------------	---------------------------	------------------------------	-----------------------	---------------------------------------	--------------------------

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 checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
---	--

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.5	Average Stream Width of reach (m) 6
--	---	---

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 10
 Sand: _____ Clay: _____ Silt/Muck: 30 Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 20 **Canopy Cover at Sample Site (%)** 0

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

Sample in 2 jars

For Lab Use Only		
Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Kayla Wilcox	Dimick, Jeffrey	13%
Date Processed	Specimens Saved	
6/11/19	218	

D3=103
 C3=115

218

Subsample archived in ABZ until Aug 2022

