

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name Battle Creek	Waterbody ID Code 848 300	Sample ID (YYYYMMDD-CY-FD) 20161025-68-01
---------------------------------------	-------------------------------------	---

Sampling Location 10m DS of Delafield Rd. Bridge	Database Key 137220912
--	----------------------------------

SWIMS Station ID 10047015	SWIMS Station Name BATTLE CREEK US DELAFIELD RD.
-------------------------------------	--

Latitude 43.0609985	Longitude -88.5343268	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS WGS84 or <u>NAD83</u>
-------------------------------	---------------------------------	--	---

Basin (WMU) UPPER ROCK	Watershed Name OCONOMOWOC RIVER	County WAUKESHA
----------------------------------	---	---------------------------

Sample and Site Descriptors

Sample Collector (Last Name, First) DYLAN OLSON	Project Name SOUTH DISTRICT NC STREAM STRATIFIED SITES 2016
---	---

Sampling Device

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) 4min	Estimated Area Sampled (m²) 2m ²	Number of Samples in Composite 1	Replicate No. 1 of 1
--	--	--	------------------------------------

Reason For Sampling

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

Water Temp. (C) 7.6	D.O. (mg/l) 9.4	D.O. (% sat.) 81.0	pH (su) 7.7	Conductivity (umhos/cm) 780.9	Transparency (cm) 120+
-------------------------------	---------------------------	------------------------------	-----------------------	---	----------------------------------

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)
--	--

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 20m	Average Stream Width of reach (m) 6m
--	---	--

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 70

Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

Aquatic Macrophytes: _____ Leaf Snags: 20 Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) 0 Canopy Cover at Sample Site (%) 40

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 Andrew Kuhlmann	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 20%
Date Processed 4/6/17	Specimens Saved Subsample archived in ABL until Sept 2020	

C3-62
 D3-102
 A1-158

