

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name MIDDLE INLET	Waterbody ID Code 526000	Sample ID (YYYYMMDD-CY-FD) 20161017-38-06
---------------------------------------	------------------------------------	---

Sampling Location	Database Key 133649778
--------------------------	----------------------------------

SWIMS Station ID 10031081	SWIMS Station Name MIDDLE INLET MOONSHINE/CAMP 5 RD UPSTREAM
-------------------------------------	--

Latitude 45.324028	Longitude -88.041855	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
------------------------------	--------------------------------	---	--

Basin (WMU) GREEN BAY	Watershed Name MIDDLE INLET AND LAKE NOQUEBAY	County MARINETTE
---------------------------------	---	----------------------------

Sample and Site Descriptors

Sample Collector (Last Name, First) ANDREW HUDAK	Project Name LAKE NOQUEBAY TWA [SECTION 319] 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) 5	Estimated Area Sampled (m²) 4	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: TWA

Water Temp. (C) 11	D.O. (mg/l) 10.4	D.O. (%sat.) 94.5	pH (su) 7.9	Conductivity (umhos/cm) 339	Transparency (cm) 122
------------------------------	----------------------------	-----------------------------	-----------------------	---------------------------------------	---------------------------------

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 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) 0.3	Average Stream Width of reach (m) 6
-------------------------------	----------------------------	---	---

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): 30 Gravel (ladybug to tennisball): 30
 Sand: 30 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____
 Embeddedness of Substrate at Sample Site (%) 30 Canopy Cover at Sample Site (%) 20

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	Mekayla Gironholm	Taxonomist Dimick, Jeffrey
Date Processed	11/13/16	Estimated Percent of Sample Sorted 13 %
		Specimens Saved Subsample archived in ABL until Feb 2020

O1: 78
 C2: 58
 142