

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name NORTH BRANCH LITTLE RIVER	Waterbody ID Code 442800	Sample ID (YYYYMMDD-CY-FD) 20181003-43-04
--	------------------------------------	---

Sampling Location 30 m US	Database Key 168363629
-------------------------------------	----------------------------------

SWIMS Station ID 10051353	SWIMS Station Name NORTH BRANCH LITTLE RIVER 20M US CTY HWY B
-------------------------------------	---

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

Basin (WMU) GREEN BAY	Watershed Name LITTLE RIVER	County OCONTO
---------------------------------	---------------------------------------	-------------------------

Sample and Site Descriptors

Sample Collector (Last Name, First) ANDREW HUDAK	Project Name LITTLE RIVER TWA ASSESSMENT 2018
--	---

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) 3	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) 12.76	D.O. (mg/l) 10.30	D.O. (% sat.) 99.7	pH (su) 8.21	Conductivity (umhos/cm) 670	Transparency (cm) >122
---------------------------------	-----------------------------	------------------------------	------------------------	---------------------------------------	----------------------------------

Water Color

Clear
 Turbid
 Stained

Estimated Stream Velocity (m/s)

Slow (< 0.15 m/s)
 Moderate (0.15 m/s - 0.5 m/s)
 Fast (> 0.5 m/s)

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

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 30 Gravel (ladybug to tennisball): 40
 Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 10
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____

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

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	N	N	Chlorine	N	N
- Filamentous Algae	N	N	Dissolved Oxygen	N	N
- Planktonic Algae	N	N	Nutrients (P, N...)	U	U
Iron Bacteria	N	N	Toxics: - Inorganic (Metals)	N	N
Macrophytes	N	N	- Organic (PCBs, pesticides...)	U	U
Slimes	N	N	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	N	N
			Point Source - Specify:	N	N
Physical			Pasturing of Livestock	N	U
Bank Erosion	N	N	Runoff: - Barnyard	U	U
Channelization: - Upstream	U	U	- Construction	N	U
- Downstream	U	U	- Cropland	PL	PL
Hydraulic Scour / Channel Incision	N	N	- Urban	U	U
Impoundment: - Upstream	U	N	Septic Systems	U	U
- Downstream	U	N	Tile Drainage - Organic Soils	U	U
Low Flow	N	N	- Mineral Soils	U	U
Sedimentation	N	N	Springs	U	U
Sludge	N	N	Tributary(s)	U	U
Thermal	N	N	Wetland	U	U
Turbidity	N	N	Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Kiersten Czarnecki	Taxonomist Dimitry Jeffrey	Estimated Percent of Sample Sorted 77%
Date Processed 2/27/2019	Specimens Saved Subsample archived in ABC until May 2022	

CI=301