

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name KELLY BROOK	Waterbody ID Code 443800	Sample ID (YYYYMMDD-CY-FD) 20181003-43-03
Sampling Location 30m DS		Database Key 168363609
SWIMS Station ID 10015995	SWIMS Station Name KELLY BROOK - KB1 1000 FT DOWNSTREAM FROM CTH K(BEHIND CABIN)	
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS
Basin (WMU) GREEN BAY		County OCONTO
Watershed Name LITTLE RIVER		Datum Used if using GPS WGS84 or NAD83

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 (m ²) 3	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

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

Water Temp. (C) 11.76	D.O. (mg/l) 9.79	D.O. (% sat.) 92.7	pH (su) 8.00	Conductivity (umhos/cm) .536	Transparency (cm) >122
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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) .2	Average Stream Width of reach (m) 8
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Composition of Substrate Sampled (Percent):

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

Sand: 30 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

Aquatic Macrophytes: _____ Leaf Snags: 10 Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) _____ Canopy Cover at Sample Site (%) 80

B1 → START: 3:40 END: 5:30 239 SPECS
 START: _____ END: _____

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	Watershed	Factors that may be influencing Water Resource Integrity	Local	Watershed
Biological			Chemical		
Algae: - Diatoms / Periphyton	N	N	Chlorine	N	U
- Filamentous Algae	N	U	Dissolved Oxygen	N	N
- Planktonic Algae	N	N	Nutrients (P, N...)	U	U
Iron Bacteria	N	N	Toxics: - Inorganic (Metals)	N	N
Macrophytes	N	U	- 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
			Pasturing of Livestock	N	U
Physical			Runoff: - Barnyard	N	U
Bank Erosion	N	U	- Construction	N	N
Channelization: - Upstream	U	N	- Cropland	PL	PL
- Downstream	N	N	- Urban	N	N
Hydraulic Scour / Channel Incision	N	N	Septic Systems	U	U
Impoundment: - Upstream	N	U	Tile Drainage - Organic Soils	U	U
- Downstream	N	N	- Mineral Soils	U	U
Low Flow	N	N	Springs	U	U
Sedimentation	N	N	Tributary(s)	U	U
Sludge	N	N	Wetland	U	U
Thermal	N	N	Other - Specify:		
Turbidity	N	N			
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter JACOB BULITZ	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 7.00%
Date Processed 2/26/2019	Specimens Saved Subsample analyzed in ABC lab 1 May 2022	