

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name <b>KELLY BROOK</b>		Waterbody ID Code 443800		Sample ID (YYYYMMDD-CY-FD) 20180927-43-07	
Sampling Location 30 m DS Belgian Rd				Database Key 168363613	
SWIMS Station ID 10009352		SWIMS Station Name KELLY BROOK 45M UPSTREAM FROM BELGIAN RD			
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					
<input checked="" type="checkbox"/> D-Frame Kick Net		<input type="checkbox"/> Surber Sampler		<input type="checkbox"/> Eckman	
<input type="checkbox"/> Ponar		<input type="checkbox"/> Artificial Substrate		<input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____	
Habitat Sampled					
<input checked="" type="checkbox"/> Riffle		<input type="checkbox"/> Run		<input type="checkbox"/> Pool	
<input type="checkbox"/> Other		<input type="checkbox"/> Shoreline Composite		<input type="checkbox"/> Proportionally-Sampled Habitat	
<input type="checkbox"/> Littoral Zone		<input type="checkbox"/> Profundal Zone		<input type="checkbox"/> Wetland	
Total Sampling Time (min) 3	Estimated Area Sampled (m <sup>2</sup> ) 6	Number of Samples in Composite 1		Replicate No. 1 of 1	
Reason For Sampling					
<input type="checkbox"/> Least Impacted Reference		<input type="checkbox"/> Baseline		<input type="checkbox"/> Impact / Treatment Site	
<input type="checkbox"/> Control Site		<input type="checkbox"/> Trend		<input checked="" type="checkbox"/> Other: TWA	
Water Temp. (C) 13.1	D.O. (mg/l) 10.8	D.O. (% sat.) 103.1	pH (su) 8.45	Conductivity (umhos/cm) 443.9	Transparency (cm) 7122
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) 4		Average Stream Width of reach (m) 8	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): 30	
Sand: 30		Clay: _____		Gravel (ladybug to tennisball): 30	
Aquatic Macrophytes: _____		Silt/Muck: _____		Overhanging Vegetation: _____	
Leaf Snags: 10		Coarse Woody Debris: _____		Other ( ): _____	
Embeddedness of Substrate at Sample Site (%) 30			Canopy Cover at Sample Site (%) 60		

**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
<b>Biological</b>			<b>Chemical</b>				
Algae: - Diatoms / Periphyton		U	U	Chlorine		N	N
- Filamentous Algae		U	U	Dissolved Oxygen		N	N
- Planktonic Algae		N	N	Nutrients (P, N...)		PL	PL
Iron Bacteria		N	N	Toxics: - Inorganic (Metals)		N	N
Macrophytes		U	U	- Organic (PCBs, pesticides...)		U	U
Slimes		N	N	Other - Specify:			
Other - Specify:				<b>Sources of Stream Impacts</b>			
			Bank Erosion			N	N
			Point Source - Specify:			N	N
<b>Physical</b>			Pasturing of Livestock			U	U
Bank Erosion		N	N	Runoff: - Barnyard		U	U
Channelization: - Upstream		N	N	- Construction		N	N
- Downstream		N	N	- Cropland		U	U
Hydraulic Scour / Channel Incision		N	N	- Urban		N	N
Impoundment: - Upstream		N	N	Septic Systems		U	N
- Downstream		N	N	Tile Drainage - Organic Soils		U	U
Low Flow		N	N	- Mineral Soils		U	PL
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 <i>M. B. B.</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>7</i>
Date Processed <i>2/15/19</i>	Specimens Saved <i>subsample archived in ABLinkol May 2022</i>	

