

Sample in 2 jars

Instructions: Bold fields must be completed.

Station Summary					
<b>Waterbody Name</b> UNNAMED			<b>Waterbody ID Code</b> 247900		<b>Sample ID (YYYYMMDD-CY-FD)</b> 20181101-70-02
<b>Sampling Location</b>				<b>Database Key</b> 168360444	
<b>SWIMS Station ID</b> 10049901		<b>SWIMS Station Name</b> UN TRIB (WBIC 247900) TO PINE RIVER AT COUNTY H			
<b>Latitude</b> 44.1463	<b>Longitude</b> -88.95308		<b>Lat/Long Determination Method (circle)</b> <u>SWIMS</u> SWDV GPS		<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>Basin (WMU)</b> WOLF RIVER		<b>Watershed Name</b> PINE AND WILLOW RIVERS		<b>County</b> WAUSHARA	
Sample and Site Descriptors					
<b>Sample Collector (Last Name, First)</b> DAVID BOLHA			<b>Project Name</b> PINE RIVER 319 PROJECT-FUNDED TWA 2018		
<b>Sampling Device</b>					
<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: _____	
<b>Habitat Sampled</b>					
<input type="checkbox"/> Riffle		<input checked="" 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	
<b>Total Sampling Time (min)</b> 4	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 2.5		<b>Number of Samples in Composite</b> 2		<b>Replicate No.</b> 1 <b>of</b> 1
<b>Reason For Sampling</b>					
<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: Targeted Watershed Assessment	
<b>Water Temp. (C)</b> 7.1	<b>D.O. (mg/l)</b> 9.2	<b>D.O. (% sat.)</b> 77.8	<b>pH (su)</b> 7.3	<b>Conductivity (umhos/cm)</b> 455.7	<b>Transparency (cm)</b> 42
<b>Water Color</b>			<b>Estimated Stream Velocity (m/s)</b>		
<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained			<input checked="" type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)		
<b>Measured Velocity</b> circle units m/s or f/s		<b>Average Stream Depth of reach (m)</b> 0.4		<b>Average Stream Width of reach (m)</b> 6	
<b>Composition of Substrate Sampled (Percent):</b>					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): _____	
Sand: _____		Clay: _____		Silt/Muck: _____	
Aquatic Macrophytes: 60		Leaf Snags: _____		Coarse Woody Debris: _____	
Other (_____): _____		Overhanging Vegetation: 40		Other (_____): _____	
<b>Embeddedness of Substrate at Sample Site (%)</b> _____			<b>Canopy Cover at Sample Site (%)</b> 0		

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

Comments

Special Instructions for Laboratory

Sample in 2 jars

**For Lab Use Only**

Sample Sorter Abby Adams	Taxonomist Dimitri Jeffrey	Estimated Percent of Sample Sorted 20%
Date Processed 3-15-2019	Specimens Saved Subsample archived in ABL until May 2022	

A2 C3 E1 D3 B2 ES  
 38 43 63

total = 144

37 bags for