

Instructions: Bold fields must be completed.

<b>Station Summary</b>		
<b>Waterbody Name</b> UNNAMED	<b>Waterbody ID Code</b> 2883500	<b>Sample ID (YYYYMMDD-CY-FD)</b> 2018-11-01-04-01

<b>Sampling Location</b> 3.5m US S. Pratt Rd	<b>Database Key</b> 168634606
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<b>SWIMS Station ID</b> 10051149	<b>SWIMS Station Name</b> UNNAMED STREAM AT SOUTH PRATT RD
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<b>Latitude</b> 46.81816	<b>Longitude</b> -91.01104	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	<b>Datum Used if using GPS</b> WGS84 or NAD83
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<b>Basin (WMU)</b> LAKE SUPERIOR	<b>Watershed Name</b> BAYFIELD PENINSULA NORTHWEST	<b>County</b> BAYFIELD
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<b>Sample and Site Descriptors</b>	
<b>Sample Collector (Last Name, First)</b> CRAIG ROESLER	<b>Project Name</b> NORTH DISTRICT NC STREAM STRATIFIED SITES 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

<b>Total Sampling Time (min)</b> 1	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1.5	<b>Number of Samples in Composite</b> 3-203 Kicks	<b>Replicate No.</b> 1 <b>of</b> 1
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**Reason For Sampling**

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

<b>Water Temp. (C)</b> 3.9	<b>D.O. (mg/l)</b> 11.1	<b>D.O. (% sat.)</b> 92.1	<b>pH (su)</b> 8.03	<b>Conductivity (umhos/cm)</b> 55.8	<b>Transparency (cm)</b> 39
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<b>Water Color</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <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)
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<b>Measured Velocity</b> X circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> .3	<b>Average Stream Width of reach (m)</b> 1.
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**Composition of Substrate Sampled (Percent):**

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

**Embeddedness of Substrate at Sample Site (%)** 30     
 **Canopy Cover at Sample Site (%)** 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				Chlorine			
- Filamentous Algae				Dissolved Oxygen			
- Planktonic Algae				Nutrients (P, N...)			
Iron Bacteria				Toxics: - Inorganic (Metals)			
Macrophytes				- Organic (PCBs, pesticides...)			
Slimes				Other - Specify:			
Other - Specify:				<b>Sources of Stream Impacts</b>			
				Bank Erosion			
				Point Source - Specify:			
<b>Physical</b>				Pasturing of Livestock			
Bank Erosion		PL		Runoff: - Barnyard			
Channelization: - Upstream			PL	- Construction			
- Downstream				- Cropland			
Hydraulic Scour / Channel Incision		PL		- Urban			
Impoundment: - Upstream		U		Septic Systems			
- Downstream		N		Tile Drainage - Organic Soils			
Low Flow				- Mineral Soils			
Sedimentation		PL		Springs			
Sludge				Tributary(s)			
Thermal				Wetland			
Turbidity				Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter <i>Jovanna Ericdeson</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>20%</i>
Date Processed <i>8/30/2019</i>	Specimens Saved <i>Subsample archived in ASL until Nov 2022</i>	

E3 | C2 | B2  
 51 | 58 | 59  
 Total:  
 168

Wisconsin Department of Natural Resources

ABL SampleNum: 20181101-04-01

Taxonomist: Dimick, Jeffrey

Waterbody: Unnamed Stream  
SWIMS Database Key: 168634606

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Ephemeroptera <i>Psepheninae</i>	L	I	1	Cran Daly 2008	dam	N
Caenis latipennis	L	x III	13	Kleb 2016		
Leptophlebia	L	85-III	79	"	imm	
Siphloplecton basale	L	I	1	"		
Limnephilidae	L	II	2	Hils 1985	imm	N
Platycentropus	L	I	1	"	imm	N
P. amicus	L	I	1	Wigg 1986		
Dibriophila	L	III	23	Hils Schm 1992		N
D. quadrinata	A	II	2	"		
Probezzia	L	I	1	Hils 1985		
Chrysops	L	II	2	"		
Limnephila	L	I	1	"		
Ayaella wellborni	A	III	3	Sawyer et al 2015		
Sigara douglasensis	A	I	1	Hils 1984		
Lumbriculus	A	II	2	Thompson 2016		
Laevapex fuscus	A	I	1	"		
Helisoma anceps JD	A	I	1	"		
<del>Split A3 Chironomidae</del>	L	II-III				
Conchapelonia 08270700	L	I	1	Cran Epl 2013		
Procladius	L	II	2	"	imm	N
P. (Hobbtanyus)	L	I	1	"		
Telmatopelopia	L	II	2	"		
Orthocladiinae 08300000	L	I	1	Cranston 2013	mt indet	N
Orthocladius (Symposiocladius) lignicola	L	L	1	Bolton 2012		
Parakrefferiella	L	II	2	And + S 2013		
Parametriocnemus	L	I	1	"		
Chironominae 08330000	L	II	2	Cranston 2013	mt indet	N
Cladotanytarsus	L	I	1	Epl et al 2013		
Dicrotendipes	L	III	3	"		
Glyptotendipes	L	I	1	"		
Paratendipes	L	I	1	"		
Stictochironomus	L	III	4	"		
Tanytarsus	L	x-III	19	"		