

Instructions: Bold fields must be completed.

Station Summary					
<b>Waterbody Name</b> UNNAMED		<b>Waterbody ID Code</b> 1399200		<b>Sample ID (YYYYMMDD-CY-FD)</b> 20201103-50-02	
<b>Sampling Location</b> ~30m upstream white pine rd				<b>Database Key</b> 250467548	
<b>SWIMS Station ID</b> 503162		<b>SWIMS Station Name</b> MILL CREEK UNNAMED TRIB. TO - WHITE PINE RD.			
<b>Latitude</b> 44.554588	<b>Longitude</b> -89.688488		<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS		<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>Basin (WMU)</b> CENTRAL WISCONSIN		<b>Watershed Name</b> MILL CREEK		<b>County</b> PORTAGE	
Sample and Site Descriptors					
<b>Sample Collector (Last Name, First)</b> TAYLOR HASZ			<b>Project Name</b> MILL CREEK TWA 2020 (319 PROJECT-FUNDED)		
<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> 3	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 3		<b>Number of Samples in Composite</b> 1		<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: TWA	
<b>Water Temp. (C)</b>	<b>D.O. (mg/l)</b>	<b>D.O. (% sat.)</b>	<b>pH (su)</b>	<b>Conductivity (umhos/cm)</b>	<b>Transparency (cm)</b>
<b>Water Color</b>				<b>Estimated Stream Velocity (m/s)</b>	
<input checked="" type="checkbox"/> Clear <input 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> .5		<b>Average Stream Width of reach (m)</b> .75	
<b>Composition of Substrate Sampled (Percent):</b>					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): _____	
Sand: 20		Clay: _____		Silt/Muck: 30	
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: _____	
Embeddedness of Substrate at Sample Site (%)		Canopy Cover at Sample Site (%)		20	
Other ( _____ ): _____		Overhanging Vegetation: 50		Other ( _____ ): _____	

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

Comments: Sampled -30m upstream white pipe rd culvert. Sampled overhanging vegetation due to no riffle habitat. Substrate consisted of sand and silt.

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter Dimick, Jeffrey	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 9.4
Date Processed 06/03/2021	Specimens Saved Subsample archived in ABL until Jul 2024	

B2R3-8 C4R2-21 A4R2-16 A2  
 1-12 3-15 1-20  
 4-5 1-22 3  
 2-9 4-15 4

Pull 2 grids  
 143

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Leptophlebia	L		1	MCB 2019	imm	
Limnephilidae	L	-III	9	"	imm	N
Platycentropus	L	Bo-III	6B	"		
Phryganeidae	L	III	3	"	imm	N
Ptilostomus	L	I	1	"		
Helophorus lineatus	A	"	2	Hils 1995b		
Diptera <u>Brachycera</u>	P	"	2	MCB 2019		Y
Probezzia	L	I	1	Hils 1995		
Simuliidae	L	I	1	MCB 2019	imm	
Pseudolimnophila	L	I	1	"		
Craononyx	A	"	2	Thorp Pgs 2016	Fem	
Gammarus pseudolimnaeus	A	"	2	Hils 1972		
Hyalella azteca	A	I	1	Savcek et al 2015		
Caecidotea communis	A	XI	"	Will 1972		
Gyrodactylus deflexus	A	I	1	Thorp Pgs 2016		
Pisidium	A	III	3	"		
Podocapida	A	I	1	"		
<del>Split Az Chironomidae</del>	<del>L</del>	<del>B-III</del>	<del>10</del>			
Concharetaria	L	"	2	And et al 2013		
Meropetia	L	III	3	"		
Procladius (Holotanyptus)	L	I	1	"		
Zarelimyia	L	I	5	"		
Thienemannimyia group	L	III	4	"	mb-indet/imm	N
Orthocladius	L	I	5	"	imm	N
Diplocladius	L	I	5	"		
Hydrobaenus	L	"	2	"		
Limnophyes	L	III	4	"		
Parametriocnemus	L	-III	8	"		
Microsestra	L	III	3	"		
Paracladopelma	L	I	1	"		
Phaenosestra flavipes	L	I	1	Bolton 2012		
Polypetium	L	I	1	And et al 2013	mb-indet	