

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name Unnamed Stream	Waterbody ID Code 1400200	Sample ID (YYYYMMDD-CY-FD) 20201102-72-01
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Sampling Location ~5 m upstream Swedish ed culvert	Database Key 250467564
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SWIMS Station ID 10053973	SWIMS Station Name UNNAMED STREAM AT SWEDISH ROAD
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Latitude 44.570135	Longitude -89.885608	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) CENTRAL WISCONSIN	Watershed Name MILL CREEK	County WOOD
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Sample and Site Descriptors

Sample Collector (Last Name, First) TAYLOR HASZ	Project Name MILL CREEK TWA 2020 (319 PROJECT-FUNDED)
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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) 1	Estimated Area Sampled (m²) 1	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)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) .3	Average Stream Width of reach (m) .5
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): 60
 Sand: 20 Clay: _____ Silt/Muck: 20 Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 20 **Canopy Cover at Sample Site (%)** 10

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
Biological			Chemical		
Algae: - Diatoms / Periphyton	PL	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:			Sources of Stream Impacts		
			Bank Erosion	PL	PL
			Point Source - Specify:	N	U
			Pasturing of Livestock	N	PL
Physical			Runoff: - Barnyard	N	PL
Bank Erosion	PL	PL	- Construction	N	U
Channelization: - Upstream	N	PL	- Cropland	PL	PH
- Downstream	N	PL	- Urban	N	PL
Hydraulic Scour / Channel Incision	N	U	Septic Systems	U	U
Impoundment: - Upstream	N	N	Tile Drainage - Organic Soils	U	U
- Downstream	N	N	- Mineral Soils	U	U
Low Flow	N	U	Springs	N	U
Sedimentation	N	U	Tributary(s)	N	U
Sludge	N	U	Wetland	PL	PL
Thermal	N	U	Other - Specify:		
Turbidity	N	U			
Other - Specify:					

Comments *Sampled ~5m upstream Swedish rd culvert. sampled gravel in shallow run/riffle.*

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Reed Kayla</i>	Taxonomist <i>Dimick Jeffray</i>	Estimated Percent of Sample Sorted <i>3.3%</i>
Date Processed <i>5-10-2021</i>	Specimens Saved <i>150 subsample archived in AFL into 1 Jul 2024</i>	

B3 Q4 - 78
A1 Q2 - 72
B3 Q -
A1 Q -

B3
A1
B3
A1

Wisconsin Department of Natural Resources

ABL SampleNum: 20201102-72-01

Taxonomist: Dimick, Jeffrey

Waterbody: Unnamed Creek (1400200)

SWIMS Database Key: 250467564

Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Acerpenna	L	I	1	MCB 2019	dam	
Leptophlebia	L	III	3	"	imm	
Chironomus	L	III	10	"		
Hydropsyche batterii	L	III	8	Schmitts 1986		
Dicrophlebia	L	III	3	MCB 2019		
O. fastidius	L	I	6	"	imm	N
O. fastidius	A	II	2	Hils Schm 1992		
Solenelms	L	III	5	MCB 2019		
Hemerodromia	L	I	5	"		
Simulium vittatum species complex (BUDZ)	L	I	1	Adl et al 2001		
Chrysops	L	III	7	MCB 2019		
Dicranota	L	I	1	"		
Tipula	L	II	2	"		
Percnema	L	I	1	"		
Gammarus pseudolimnoides	A	I	1	Hols 1972		
Caecidotea	A	I	1	Thompson 2016	Imm	
Thidreanae (without hairs)	A	III	3	Kath Ban 1998		
Split A2a Chironomidae	L	IX				
Split A2b Chironomidae	L	III				
Cladotanytarsus	L	III	29	Adl et al 2013		
Meropelopia	L	II	7	"		
Zarembkomyia	L	I	1	"		
Thienemannimyia group	L	I	1	"	mt indet	N
Orthocladius	L	I	1	"	imm	N
Diplocladius	L	I	5	"		
Limnophyes	L	I	1	"		
Parameletia	L	III	8	"		
Chironominae	L	II	2	"	imm	N
Micropsectra	L	III	4	"		
Paratendipes	L	I	1	"		
Polypedilum (Crespedilum) aviceps	L	III	4	Bolton 2012		
Pseudotanytarsus	L	I	5	Adl et al 2013		
Tanytarsus	L	III	43	"		

23 taxa, TVAL = 2.0