

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name <u>Unnamed Tribut to Bear Creek</u>		Waterbody ID Code <u>5018109</u>	Sample ID (YYYYMMDD-CY-FD) <u>20201008-72-02</u>
Sampling Location <u>5m upstream 2nd Avenue Culvert</u>			Database Key 250467584
SWIMS Station ID 10053977		SWIMS Station Name UNNAMED AT 2ND AVENUE NORTH	
Latitude <u>44.508854</u>	Longitude <u>-89.767267</u>	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) CENTRAL WISCONSIN		Watershed Name MILL CREEK	County WOOD

Sample and Site Descriptors	
Sample Collector (Last Name, First) TAYLOR HASZ	Project Name MILL CREEK TWA 2020 (319 PROJECT-FUNDED)

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) <u>10</u>	Estimated Area Sampled (m ²) <u>2</u>	Number of Samples in Composite <u>1</u>	Replicate No. <u>1</u> of <u>1</u>
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Reason For Sampling

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

Water Temp. (C) <u>8.52</u>	D.O. (mg/l) <u>8.48</u>	D.O. (% sat.) <u>72.7</u>	pH (su) <u>7.66</u>	Conductivity (umhos/cm) <u>453</u>	Transparency (cm)
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Water Color <input type="checkbox"/> Clear <input checked="" 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) <u>1</u>	Average Stream Width of reach (m) <u>1.5</u>
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): 10
 Sand: _____ Clay: _____ Silt/Muck: 20 Overhanging Vegetation: 60
 Aquatic Macrophytes: _____ Leaf Snags: 10 Coarse Woody Debris: _____ Other (_____): _____
 Embeddedness of Substrate at Sample Site (%) 60 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	Watershed	Factors that may be influencing Water Resource Integrity	Local	Watershed
Biological			Chemical		
Algae: - Diatoms / Periphyton	N	U	Chlorine	N	U
- Filamentous Algae	PL	U	Dissolved Oxygen	N	U
- Planktonic Algae	N	U	Nutrients (P, N...)	PL	U
Iron Bacteria	N	N	Toxics: - Inorganic (Metals)	U	U
Macrophytes	PL	N	- Organic (PCBs, pesticides...)	U	U
Slimes	N	N	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	PL	PH
			Point Source - Specify:	N	U
Physical			Pasturing of Livestock	N	PL
Bank Erosion	PL	PH	Runoff: - Barnyard	N	PL
Channelization: - Upstream	PL	PL	- Construction	N	U
- Downstream	PL	PL	- Cropland	PH	PH
Hydraulic Scour / Channel Incision	N	U	- Urban	N	U
Impoundment: - Upstream	N	N	Septic Systems	U	U
- Downstream	N	N	Tile Drainage - Organic Soils	U	U
Low Flow	PL	PL	- Mineral Soils	U	U
Sedimentation	PL	PH	Springs	N	U
Sludge	N	U	Tributary(s)	N	U
Thermal	N	U	Wetland	N	U
Turbidity	PL	U	Other - Specify:		
Other - Specify:					

Comments: Sampled ~ 5 m upstream 2nd Ave Culvert. Sampled overhanging veg and small packet of gravel. Sampling hindered by low flow, no suitable habitat, poor substrate type.

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Dunn, Isabel	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 18.3%
Date Processed 5/13/2021	Specimens Saved Subsample archived in ABC (info) Jul 2024	

5:00-
10:45
2:00-
4:15

D3 B2 A2 B1 E1
 Q2-15 Q4-14 Q17-29
 Q17 Q17 Q2-42 Q3-8
 Q3-17 Q3-8
 Q4-88

(125)

