

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED		Waterbody ID Code 1653900	Sample ID (YYYYMMDD-CY-FD) 20181121 - 32-01
Sampling Location			Database Key 169214924
SWIMS Station ID 10051227		SWIMS Station Name UNNAMED TRIB TO BURNS CREEK @ STH 162	
Latitude 43.9456511	Longitude -90.9743473	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) BAD AXE - LA CROSSE		Watershed Name LITTLE LA CROSSE RIVER	County LA CROSSE

Sample and Site Descriptors

Sample Collector (Last Name, First) CAMILLE BRUHN	Project Name WEST DISTRICT NC STREAM STRATIFIED SITES 2018
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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 (m ²) 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: Natural Community Stratified Random

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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Water Color ☒ Clear ☐ Turbid ☐ Stained	Estimated Stream Velocity (m/s) ☒ Slow (< 0.15 m/s) ☐ Moderate (0.15 m/s - 0.5 m/s) ☐ Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.25	Average Stream Width of reach (m) 2.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 20	Gravel (ladybug to tennisball): 50
Sand: 30	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____
Embeddedness of Substrate at Sample Site (%) 70		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	N	N	Chlorine	N	N
- Filamentous Algae	N	N	Dissolved Oxygen	N	N
- Planktonic Algae	N	N	Nutrients (P, N...)	PL	PI
Iron Bacteria	PL	PI	Toxics: - Inorganic (Metals)	U	N
Macrophytes	N	PI	- Organic (PCBs, pesticides...)	U	N
Slimes	N	N	Other - Specify:		
Other - Specify:	N	N	Sources of Stream Impacts		
			Bank Erosion	PI	PI
			Point Source - Specify:	N	U
Physical			Pasturing of Livestock	PL	PL
Bank Erosion	PL	PI	Runoff: - Barnyard	PI	PH
Channelization: - Upstream	PL	PH	- Construction	N	PI
- Downstream	N	PI	- Cropland	PH	PH
Hydraulic Scour / Channel Incision	PI	N	- Urban	PL	PI
Impoundment: - Upstream	PI	N	Septic Systems	U	U
- Downstream	PH	PH	Tile Drainage - Organic Soils	U	U
Low Flow	PL	N	- Mineral Soils	U	U
Sedimentation	PH PI	PI	Springs	U	U
Sludge	N	N	Tributary(s)	PL	PI
Thermal	U	N	Wetland	N	N
Turbidity	PI	PI	Other - Specify: Garbage	PI	PI
Other - Specify:	N	N			

Comments

Stream is impacted with garbage (lawn mower, cans, trash).
Small order stream, sample taken above culvert.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Kayla Wilcox	Taxonomist	Estimated Percent of Sample Sorted
Date Processed	9/26/19	Specimens Saved	60%

C1 =
 A3 =
 B2 =
 A2 =
 A1 =
 D2 =
 B3 =
 D3 =
 E1 =
 125

* Jar was broken upon arrival - KAW

[illegible]