

Instructions: **Bold** fields must be completed.

Station Summary

Waterbody Name UNNAMED	Waterbody ID Code 1651000	Sample ID (YYYYMMDD-CY-FD) 20181031-32-07
----------------------------------	-------------------------------------	---

Sampling Location Riffle right under bridge	Database Key 169485280
---	----------------------------------

SWIMS Station ID 10011663	SWIMS Station Name PLEASANT VALLEY (CR. 18-2) STATION 1 BRIDGE ON CTH M
-------------------------------------	---

Latitude 43.881313	Longitude -91.1009	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
------------------------------	------------------------------	---	--

Basin (WMU) BAD AXE - LA CROSSE	Watershed Name LOWER LA CROSSE RIVER	County LA CROSSE
---	--	----------------------------

Sample and Site Descriptors

Sample Collector (Last Name, First) CAMILLE BRUHN	Project Name BOSTWICK CREEK TWA 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

Total Sampling Time (min) 1	Estimated Area Sampled (m²) 1	Number of Samples in Composite 1	Replicate No. 1 of 1
---------------------------------------	--	--	------------------------------------

Reason For Sampling

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

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
------------------------	--------------------	----------------------	----------------	--------------------------------	--------------------------

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)
--	--

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.2	Average Stream Width of reach (m) 1.5
--	---	---

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 40 Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 30
 Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) 30
Canopy Cover at Sample Site (%) 0 - 100% bridge shelter

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

Comments *Sampled riffle areas under bridge. Boulders, & other hard substrate sampled along with a little sand.*

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Abby Adams</i>	Taxonomist <i>Dimock, Jeffrey</i>	Estimated Percent of Sample Sorted <i>27%</i>
Date Processed <i>5-6-2019</i>	Specimens Saved <i>subsample archived in ABC until Jul 2022</i>	

B2 C3 A1 C1 Total
 27 40 27 50 = 144

Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Taeniopteryx	L	III	3	Hils 1995		
Baetis brunneicolor	L	II	15	Kub 2016		
B. tricaudatus	L	I	5	"		
Ephemerella	L	I	1	"		
Brachycentrus occidentalis	L	0 III	23	Hils 1985		
Hydropsyche betteni	L	I	1	Schm Hils 1986		
Coenoneura	L	I	1	And + 3 2013		
Gammarus pseudolimnaeus	A	80 III	93	Hils 1972		
Tubificinae (without hairs)	A	II	2	Klemm 1985		
Lumbraculidae	A	I	1	Thorp Rog 2016	Frag	
Physa	A	II	2	"		