

Instructions: Bold fields must be completed.

Station Summary						
Waterbody Name TOKEN CREEK			Waterbody ID Code 806600		Sample ID (YYYYMMDD-CY-FD) 20190930-13-02	
Sampling Location 10m upstream Token Creek Park Road					Database Key 212666163	
SWIMS Station ID 10011992		SWIMS Station Name TOKEN CREEK - UPSTREAM OF COUNTY PARK				
Latitude 43.18615	Longitude -89.32021	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>			Datum Used if using GPS <u>WGS84</u> or NAD83	
Basin (WMU) LOWER ROCK		Watershed Name YAHARA RIVER AND LAKE MENDOTA			County DANE	
Sample and Site Descriptors						
Sample Collector (Last Name, First) AMRHEIN, JAMES				Project Name NEVIN HATCHERY ADAPTIVE MANAGEMENT MONITORING		
Sampling Device						
<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: _____
Habitat Sampled						
<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		
Total Sampling Time (min) 1	Estimated Area Sampled (m²) 1		Number of Samples in Composite 1		Replicate No. _____ of _____	
Reason For Sampling						
<input type="checkbox"/> Least Impacted Reference		<input checked="" type="checkbox"/> Baseline		<input type="checkbox"/> Impact / Treatment Site		
<input type="checkbox"/> Control Site		<input type="checkbox"/> Trend		<input type="checkbox"/> Other: _____		
Water Temp. (C) 14.5	D.O. (mg/l) 8.59	D.O. (% sat.) 84.3	pH (su) 7.77	Conductivity (umhos/cm) 644		Transparency (cm)
Water Color				Estimated Stream Velocity (m/s)		
<input type="checkbox"/> Clear		<input checked="" type="checkbox"/> Turbid <i>slightly</i>		<input type="checkbox"/> Slow (< 0.15 m/s)		<input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s)
		<input type="checkbox"/> Stained		<input type="checkbox"/> Fast (> 0.5 m/s)		
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m)		Average Stream Width of reach (m)		
Composition of Substrate Sampled (Percent):						
Bedrock: _____		Boulders (basketball or larger): <u>30</u>		Rubble (tennisball to basketball): _____		Gravel (ladybug to tennisball): _____
Sand: _____		Clay: _____		Silt/Muck: _____		Overhanging Vegetation: _____
Aquatic Macrophytes: _____		Leaf Snags: <u>40</u>		Coarse Woody Debris: <u>30</u>		Other (____): _____
Embeddedness of Substrate at Sample Site (%) <u>N/A</u>				Canopy Cover at Sample Site (%) <u>40</u>		

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Eric Naas</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>27%</i>
Date Processed <i>07/24/2020</i>	Specimens Saved <i>Subsample archived in ABC until Oct 2023</i>	

*01 B2 C2 D3
 57 27 33 57 = 174*

Wisconsin Department of Natural Resources

ABL SampleNum: 20190930-13-02

Taxonomist: Dimick, Jeffrey

Waterbody: Token Creek
SWIMS Database Key: 212666163

1/25
3/8

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis	L		2	Merrittum B 2019	dam	N
B. brunneicolor	L	8x	58	Klub 2016		
B. flavistriga species complex	L	-	6	"		
Stenocran	L		2	Merrittum B 2019	imm	
Boyeria vinosa	L		1	Tennessen 2019		
Brachycentrus numerosus	L		4	Hils 1985		
B. occidentalis	L		3	"		
Hydropsychidae	L		2	Merrittum B 2019	imm	N
Ceratopsyche slossonae	L	x-	35	Schmitt 1986		
Cheumatopsyche	L	x	10	Merrittum B 2019		
Hydropsyche betteni	L	v	2	Schmitt 1986		
Dubiraphia	L		2	Merrittum B 2019		
Hemerodromia	L		3	"		
Neoplasta	L		2	"		
Simulium tiberosum species complex	L		2	Alder et al 2004		
S. vittatum species complex 08110217	L		5	"		
Antocha	L		4	Merrittum B 2019		
Tipula	L		2	"		
Cricotopus (Cricotopus)	P		1	Wieder 1986		
Parametriocnemus	P		1	Merrittum B 2019		
Microsectra	P		1	"		
Gammarus pseudolimnacus	A	x	4	Hils 1972		
Caecidotea	A	-	7	Thorp Reg 2016	Penfimm	
Physa	A		2	"		
Naidinae	A		3	Brin Geld 1991		
Split A2 Chironomidae	L	x 				
Billia	L		2	And et al 2013	imm	N
B. flavifrons	L		1	Epler 2001		
Tvetenia bavarica group	L		4	Bode 1983		
Cryptochironomus	L		1	And et al 2013		
Parakiefferiella	L		2	"		
Microsectra	L	-	8	"		N

3 taxa, TVAL ≤ 20
8 L (0.1 x 163)