

Instructions: Bold fields must be completed.

Station Summary						
Waterbody Name UNNAMED			Waterbody ID Code 147700		Sample ID (YYYYMMDD-CY-FD) 20201020-20-03	
Sampling Location					Database Key 251842578	
SWIMS Station ID 10041509		SWIMS Station Name UNNAMED TRIB TO SILVER CREEK AT COUNTY KK (WBIC 147700)				
Latitude	Longitude		Lat/Long Determination Method (circle) SWIMS SWDV GPS			Datum Used if using GPS WGS84 or NAD83
Basin (WMU) UPPER FOX			Watershed Name BIG GREEN LAKE		County FOND DU LAC	
Sample and Site Descriptors						
Sample Collector (Last Name, First) DAVID BOLHA				Project Name 319 PROJECT-SILVER AND DAKIN CREEK TWA 2020		
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) 2 2	Estimated Area Sampled (m ²) 1.5		Number of Samples in Composite 1		Replicate No. _____ of _____	
Reason For Sampling						
<input type="checkbox"/> Least Impacted Reference <input type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input type="checkbox"/> Trend <input checked="" type="checkbox"/> Other: TWA						
Water Temp. (C) 7.1	D.O. (mg/l) 12.2	D.O. (% sat.) 102.7	pH (su) 7.7	Conductivity (umhos/cm) 657.5		Transparency (cm) 60
Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained			Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" 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) 2.0		
Composition of Substrate Sampled (Percent):						
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): _____		Gravel (ladybug to tennisball): 20
Sand: _____		Clay: 30		Silt/Muck: 10		Overhanging Vegetation: 40
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: _____		Other (_____): _____
Embeddedness of Substrate at Sample Site (%) 0				Canopy Cover at Sample Site (%) 0		

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

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Jovanna Ericsson</i>	Taxonomist <i>Dimock, Jeffrey</i>	Estimated Percent of Sample Sorted <i>15%</i>
Date Processed <i>4/14/21</i>	Specimens Saved <i>Subsample archived in ABC (into 1 May 2023)</i>	<i>2023 2021</i>

1:30pm
 Goal: 125
 (VVA: 95)

E1		A2		C1		S	
4	2	3	1	3	1	2	4
25	17	15	19	19	9	14	9
				36		+7 from QC	
Total: 166							

(147700)

Wisconsin Department of Natural Resources

ABL SampleNum: 20201020-20-03

Taxonomist: Dimick, Jeffrey

Waterbody: Unnamed Tributary to Silver Creek

SWIMS Database Key: 251842578

Page 1 of 2

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis brunneicolor</i>	L	1	1	Kleb 2016		
<i>Calopteryx maculata</i>	L	1	1	West May 2006		
Coenagrionidae <i>Coenagrion / P. fallax</i>	L	11	2	Merrillum B 2019	imm	
Chenematopsyche	L	111	3	"		
<i>Hydropsyche betteri</i>	L	1	1	Schmidt's 1986		
<i>Hydropsyche</i>	L	1111	9	Merrillum B 2019		
<i>Platycentropus</i>	L	1	1	"		
<i>Lipocessus affinis</i>	A	11	2	Hils 1994		
Diptera 08000200 <i>Brachycera</i>	P	11	2	Merrillum B 2019		
<i>Cricotopus (Cricotopus)</i>	P	11	2	Wieder 1986		N
<i>Hemerodromia</i>	L	1	5	Merrillum B 2019		
<i>Simulium vittatum</i> species complex 0810217	L	1	5	Adl et al 2004		
<i>Nyalia azteca</i>	A	x111	18	Soucek et al 2015		
<i>Lebertia</i>	A	1	1	Peck et al 1990		
<i>Amya</i>	A	111	3	Thompson 2016		
<i>Pisidium</i>	A	111	3	"		
<i>Helobdella echoensis</i>	A	1	1	Saglam et al 2018		
<i>H. ercensis</i>	A	1	1	"		
<i>Simulium venustum</i> species complex	L	1	1	Adl et al 2004		
Maldinae	A	x111	13	Kath Brim 1998		
Tubificinae (with hairs)	A	111	7	"		
Tubificinae (without hairs)	A	1	5	"		
Split Aza Chironomidae	L	8x111				
Split Azb Chironomidae	L	8x111				
Split Azc Chironomidae	L	2x111				
<i>Cryptochironomus</i>	L	1	1	And et al 2013		
<i>Conchaelopira</i>	L	1	5	"		
<i>Thienemannimyia</i> group	L	x	10	"	imm	N
<i>Cricotopus</i>	L	1	1	"		Y
<i>C. (Cricotopus) bicinctus</i> group	L	111	7	"		
<i>Hydrobaenus</i>	L	11	2	"		
<i>Orthocladius (Orthocladius)</i>	L	11	2	"		
<i>Thienemannella</i>	L	1	1	"	dam	N
<i>T. xena</i>	L	11	2	Bolton 2012		
Chironominae	L	1	1	And et al 2013	mit indet	N
<i>Dicentropus</i>	L	11	6	"		
<i>Micropsectra</i>	L	1111	4	"		

23 taxa, TVAL ≤ 2.0

