SIC-01

State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 53707-7291
dnr.wi.gov

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

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

20201014-60-24

Station Summary

Waterbody Name	Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD)
SILVER CREEK	29900	~~20201014-60-2-SIC-01~~

Sampling Location	Database Key
US Co. Amanda Road	251163141

SWIMS Station ID	SWIMS Station Name
603299	SILVER CREEK AT STH 144 WAYSIDE BI

Latitude	Longitude	Lat/Long Determination Method (circle)	Datum Used if using GPS
43.5566	-88.0368	SWIMS SWDV GPS	WGS84 or NAD83

Basin (WMU)	Watershed Name	County
MILWAUKEE RIVER	NORTH BRANCH MILWAUKEE RIVER	SHEBOYGAN

Sample and Site Descriptors

Sample Collector (Last Name, First)	Project Name
Watterson, Arthur	MILWAUKEE RIVER BASIN AQUATIC MACROINVERTEBRAT

Sampling Device

- [x] D-Frame Kick Net
- [ ] Surber Sampler
- [ ] Eckman
- [ ] Ponar
- [ ] Artificial Substrate
- [ ] Hess Sampler
- [ ] Other: _____

Habitat Sampled

- [x] Riffle
- [x] Run
- [ ] Pool
- [ ] Other
- [ ] Shoreline Composite
- [ ] Proportionally-Sampled Habitat
- [ ] Littoral Zone
- [ ] Profundal Zone
- [ ] Wetland

Total Sampling Time (min)	Estimated Area Sampled (m^2)	Number of Samples in Composite	Replicate No. ____ of ____
6	1		

Reason For Sampling

- [ ] Least Impacted Reference
- [ ] Baseline
- [ ] Impact / Treatment Site
- [ ] Control Site
- [ ] Trend
- [x] Other: Milw. River Supply

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
10.46	11.04	99.1	7.32	1009	~75

Water Color

- [ ] Clear
- [ ] Turbid
- [x] Stained

Estimated Stream Velocity (m/s)

- [ ] Slow (< 0.15 m/s)
- [x] Moderate (0.15 m/s - 0.5 m/s)
- [ ] 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)
	.6	4

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 5 Rubble (tennisball to basketball): 15 Gravel (ladybug to tennisball): 60

Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 20 **Canopy Cover at Sample Site (%)** 80

TDS 647.6

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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
Biological		
Algae: - Diatoms / Periphyton		
- Filamentous Algae		
- Planktonic Algae		
Iron Bacteria		
Macrophytes		
Slimes		
Other - Specify:		
Physical		
Bank Erosion		
Channelization: - Upstream		
- Downstream		
Hydraulic Scour / Channel Incision		
Impoundment: - Upstream		
- Downstream		
Low Flow		
Sedimentation		
Sludge		
Thermal		
Turbidity		
Other - Specify:		

Factors that may be influencing Water Resource Integrity	Local	Water-shed
Chemical		
Chlorine		
Dissolved Oxygen		
Nutrients (P, N...)		
Toxics: - Inorganic (Metals)		
- Organic (PCBs, pesticides...)		
Other - Specify:		
Sources of Stream Impacts		
Bank Erosion		
Point Source - Specify:		
Pasturing of Livestock		
Runoff: - Barnyard		
- Construction		
- Cropland		
- Urban		
Septic Systems		
Tile Drainage - Organic Soils		
- Mineral Soils		
Springs		
Tributary(s)		
Wetland		
Other - Specify:		

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Logan Cutler	Dimick, Jeffrey	13.3%
Date Processed	**Specimens Saved**	
2/2/2021	136 S.bsample archived in ABL until Feb 2024	

52 C3Q1,3 | 16 A1Q1,2 | 17 C3Q2 | 21 A1Q3 | 18 C3Q4 | 12 A1Q4

Wisconsin Department of Natural Resources
ABL SampleNum: **20201014-60-24**
Taxonomist: Dimick, Jeffrey

Waterbody: **Silver Creek**
SWIMS Database Key: **251163141**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis	L	1	1	MerrCummB 2019	dam	N
B. brunneicolor	L	1	1	Klub 2016		
B. intercalaris	L	II	2	"		
B. flavistriga species complex	L	1	1	"		
Leuctra	L	-III	8	MerrCummB 2019		
Stenacron	L	1	1	"	imm	
Ceratopsyche	L	1	1	Hils 1995	imm	N
C. bronta	L	-	5	SchmHils 1986		
Cheumatopsyche	L	III	3	MerrCummB 2019		
Hydropsyche	L	1	1	Hils 1995	imm	N
H. betteni	L	X-III	18	SchmHils 1986		
Psychomyia flavida	L	1	1	Hils 1995		
Optioservus	L	IIII	5	MerrCummB 2019	imm	N
O. fastiditus	L	-1	6	HilsSchm 1992		
Stenelmis	L	0	20	MerrCummB 2019		
S. crenata	A	1	1	HilsSchm 1992		
Simulium (S venust Sc)	P	-1	6	Adler et al 2004		
S. fibrinflatum	L	1	1	"		
S. jenningsi species group	L	X-III	18	"	imm	N
S. venustum species complex	L	1	1	"		
Antocha	L	1	1	MerrCummB 2019		
Dicranota	L	1	1	"		
Gammarus pseudolimnaeus	A	♂1	31	Hols 1972		
Caecidotea intermedia	A	-1	6	Will 1972		
Enchytraeidae	A	1	1	ThorpRos 2016		
Tubificinae (without hairs)	A	1	1	KathBrin [illegible]		
~~Split A2 Chironomidae~~	~~L~~	~~II-JJ)~~				
Lopescladius	L	1	1	Ruetal 2013		
Micropsectra	L	1	1	"		
Polypedilum (Uresipedilum) flavum	L	1	1	Bolton 2012		