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.

Station Summary

Waterbody Name	**Waterbody ID Code**	**Sample ID (YYYYMMDD-CY-FD)**
KINNICKINNIC RIVER	2601800	20201202-48-03

Sampling Location: DOWNSTREAM FROM CTH F BRIDGE 120 M

Database Key: 256826576

SWIMS Station ID	**SWIMS Station Name**
483031	KINNICKINNIC RIVER - CTH F BRIDGE

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

Basin (WMU)	**Watershed Name**	**County**
ST. CROIX	KINNICKINNIC RIVER	PIERCE

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
KURT RASMUSSEN	RESPONSE MONITORING - 319 AREA

Sampling Device

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

Habitat Sampled

- [x] Riffle
- [ ] 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**
1	1	—	1 / 1

Reason For Sampling

- [ ] Least Impacted Reference
- [ ] Baseline
- [x] Impact / Treatment Site
- [ ] Control Site
- [ ] Trend
- [ ] Other: _____

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
2.4	14.0	102.5	8.01	508	>120

Water Color

- [x] Clear
- [ ] Turbid
- [ ] 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)**
	0.8	12

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 30 Gravel (ladybug to tennisball): 50

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 (%)** 0

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

Comments

THIS SAMPLE WAS TAKEN POST EMERGENCY DRAWDOWN OF LAKE LOUISE.

Special Instructions for Laboratory

SAMPLE COLLECTED IN 319 ELIGIBLE WATERSHED.

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Rachael Valeria	Dimick, Jeffrey	7.8 %
Date Processed	**Specimens Saved**	
9/30/21	Subsample archived in BBL until Oct 2024	

D2 A4
Q3 31 Q4 35
Q1 23 Q2 26
Q4 30 Q3
Q2 Q1

(145)

Wisconsin Department of Natural Resources
ABL SampleNum: **20201202-48-03**
Taxonomist: Dimick, Jeffrey

Waterbody: **Kinnickinnic River**
SWIMS Database Key: **256826576**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis tricaudatus	L	xIIII	14	Klch 2016		
Ephemerella	L	x-IIII	21	MCB 2019	dam/mm	N
E. excrucians	L	IIII	42	Klch 2016		
Maccaffertium mediopunctatum	L	II	2	"		
Isoperla	L	II	2	MCB 2019	mm	N
I. signata	L	I	1	Hils 1982		
I. transmarina	L	I	1	"		
Ceratopsyche	L	III	3	Hils 1995	mm	N
C. alhedra	L	IIII	5	Schm Hils 1986		
C. bronta	L	-I	6	"		
C. slossonae	L	III	3	"		
Hydropsyche betteni	L	-II	7	"		
Cheumatopsyche	L	-III	8	MCB 2019		
Atherix variegata	L	II	2	Hils 1995		
Hemerodromia	L	I	1	MCB 2019		
Dicranota	L	I	1	"		
Tipula	L	I	1	"		
Naidinae	A	xIII	14	Kath Brin 1998		
~~Subfam Chironomidae~~	L	~~xIIII JJD~~				
Diamesa	L	IIII	4	Arc et al 2013		
Pagastia	L	III	3	"		
Parametriocnemus	L	II	2	"		
Tvetenia bavarica group	L	I	1	Bode 1983		
Microtendipes pedellus group	L	I	1	Arc et al 2013		
Rheotanytarsus	L	I	1	"		
Eukiefferiella devonica group	L	III	3	"		
Orthocladius	L	I	1	"	mm	N
O. (Orthocladius)	L	I	1	"		
Polypedilum (Uresipedilum) aviceps	L	-II	7	Bolton 2012		