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)**
KURT CREEK	1736700	20181022-72-01

Sampling Location	**Database Key**
Downstream of Hwy 54 bridge	169405420

SWIMS Station ID	**SWIMS Station Name**
10011759	KURT CREEK - KURT CREEK HIGHWAY 54 STATION 1

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
44.3516085	-90.25268386	SWIMS SWDV GPS	WGS84 or NAD83

Basin (WMU)	**Watershed Name**	**County**
BLACK RIVER	EAST FORK BLACK RIVER	WOOD

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
TAYLOR HASZ	WEST DISTRICT NC STREAM STRATIFIED SITES 2018

Sampling Device

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

Habitat Sampled

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

Total Sampling Time (min)	**Estimated Area Sampled (m^2)**	**Number of Samples in Composite**	**Replicate No.** / **of**
3	3	1	1 / 1

Reason For Sampling

- [ ] Least Impacted Reference
- [ ] Baseline
- [ ] Impact / Treatment Site
- [ ] Control Site
- [ ] Trend
- [X] Other: NCSR

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

Water Color

- [ ] Clear
- [ ] Turbid
- [X] Stained

Estimated Stream Velocity (m/s)

- [X] Slow (< 0.15 m/s)
- [ ] 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)**

Composition of Substrate Sampled (Percent):

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

Sand: _____ Clay: _____ Silt/Muck: 30 Overhanging Vegetation: _____

Aquatic Macrophytes: 60 Leaf Snags: 10 Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) n/a **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	Watershed
Biological		
Algae: - Diatoms / Periphyton	N	U
- Filamentous Algae	N	U
- Planktonic Algae	N	U
Iron Bacteria	U	U
Macrophytes	PL	U
Slimes	N	U
Other - Specify:		
Physical		
Bank Erosion	N	U
Channelization: - Upstream	U	N
- Downstream	PH	PL
Hydraulic Scour / Channel Incision	U	U
Impoundment: - Upstream	U	N
- Downstream	U	N
Low Flow	N	N
Sedimentation	PL	U
Sludge	N	U
Thermal	U	U
Turbidity	N	U
Other - Specify:		

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

Comments
This section of very channelized stream runs adjacent to Highway 54. Very difficult to find suitable area for sample. Mostly sampled overhanging vegetation.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Kaylawilcox	Dimick, Jeffrey	100%
Date Processed	**Specimens Saved**	
8/22/19	86	

A2= 27 C1= 19 C2 rest of- Subsample archived in ABL until Oct 2022
B1= D3= D2 =) A/I 44 86
A1= B2 E1 C3

Wisconsin Department of Natural Resources
ABL SampleNum: **20181022-72-01**
Taxonomist: Dimick, Jeffrey

Waterbody: **Kurt Creek**
SWIMS Database Key: **169405420**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Caenis diminuta	L	ll	2	Klub 2016		
Coenagrionidae	L	l	1	WestMay 1996	imm	
Libellula	L	1	1	Neel et al 2000	imm	
Oxyethira	L	l	1	Hils 1995		
redeem SJD ~~Langessa nomophilalis~~ langessa nomophilalis	L	l	1	Solis 2008		
Tropisternus glaber	A	-1	6	Hils 1995c		
Tipula	L	l	1	Hils 1995		
Serromyia	L	l	1	"		
Caecidotea racovitzai racovitzai	A	llll	4	Will 1972		
Chironomidae 08230002	P	l	1	Merr webb 2008	dam	N
Tricladida	A	l	1	Thorp Cov 1991		
Belostoma flumineum	A	ll	2	Hils 1984a		
Hesperocorixa atopodonta	A	o-llll	29	"		
H. michiganensis	A	lll	3	"		
Sigara compressoidea	A	ll	2	"		
S. douglasensis	A	l	1	"		
S. signata	A	l	1	"		
Notonecta lunata	A	l	1	"		
Ranatra fusca	A	l	1	"		
Daphnidae	A	l	1	Thorp Rog 2016		
Entomobryidae	A	l	1	Christ Snid 2008		
Enchytraeidae	A	ll	2	Thorp Rog 2016		
Naidinae (2 taxa)	A	o	20	Brin Gel 1991		Y
Ripistes parasita	A	8x	50	Klemm 1985		
Stylaria lacustris	A	l	1	"		
Tubificinae (without hairs)	A	xll	12	"		Y
Tubificinae (with hairs)	A	llll	4	"		Y
Lumbriculus	A	l	1	Thorp Rog 2016		
Erpobdellidae	A	l	1	Klemm 1985	dam	
Fossaria	A	l	1	Brown 1991		
Campeloma decisum	A	-1	6	Herman 2014		
Pisidium	A	-ll	7	Mackie 2007		
~~Split A3 Chironomidae~~	~~L~~	~~1 Jir~~				
Natarsia species A Roback	L	l	1	Epler 2001		
Limnophyes	L	lll	3	And et al 2013		
Chironominae 08330000	L	ll	2	Cranston 2013	imm	N
Cladopelma	L	l	1	Epl et al 2013		

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Dicrotendipes	L	II	2	Epler et al 2013		
Endochironomus nigricans	L	IIII	4	Bolton 2012		
Parachironomus	L	I	1	Epler et al 2013		
Paratanytarsus sp B	L	III	3	Hils unpubl		
Polypedilum	L	IIII	4	Epler et al 2013	damaged	N
P. (Pentapedilum) tritum	L	I	1	Bolton 2012		
P. (Polypedilum) illinoense group	L	I	1	"		
P. (P.) laetum group	L	I	1	"		