State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 53707-7291
dnr.w i.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)
WEST FORK KICKAPOO RIVER	1187900	20161020-63-03

Sampling Location	Database Key
	135787052

SWIMS Station ID	SWIMS Station Name
10013771	WEST FORK KICKAPOO RIVER - CTH Y (NEAR S AND AVALANCHE RD)

Latitude	Longitude	Lat/Long Determination Method (circle)	Datum Used if using GPS
43.602234	-90.77856	SWIMS SWDV GPS	WGS84 or NAD83

Basin (WMU)	Watershed Name	County
LOWER WISCONSIN	WEST FORK KICKAPOO RIVER	VERNON

Sample and Site Descriptors

Sample Collector (Last Name, First)	Project Name
JOHN DELANEY	KICKAPOO AND LITTLE WILLOW RIVER MACROINVERTEB

Sampling Device

- [X] 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 ____
6.0	9.0	1	

Reason For Sampling

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

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
12.0	13.2	122	8.4		>120

Water Color

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

Estimated Stream Velocity (m/s)

- [ ] 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)
	0.4	2.0

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): ~~30~~ 20 Gravel (ladybug to tennisball): ~~50~~ 40

Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

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

Embeddedness of Substrate at Sample Site (%) 10 **Canopy Cover at Sample Site (%)** 0

B3: 29 C1: 28
A2: 27 D2: 54 (138)

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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	N	
- Filamentous Algae	N	
- Planktonic Algae	N	
Iron Bacteria	PL	
Macrophytes	PL	
Slimes	N	
Other - Specify:	N	
Physical		
Bank Erosion	PH	PH
Channelization: - Upstream	N	N
- Dow nstream	N	N
Hydraulic Scour / Channel Incision		PL
Impoundment: - Upstream	N	N
- Dow nstream	N	N
Low Flow	N	N
Sedimentation	N	PL
Sludge	N	
Thermal	N	
Turbidity	N	
Other - Specify:		

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

Comments: Recent 10-14" rainfall scoured streambed and may have reduced macroinvertebrates

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter: Kayla Wilcox	Taxonomist: Dimick, Jeffrey	Estimated Percent of Sample Sorted: 27
Date Processed: 3/15/17	Specimens Saved: Subsample archived in ABL until Aug 2020	

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