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	20161020-63-04

Sampling Location	**Database Key**
	135787056

SWIMS Station ID	**SWIMS Station Name**
10030275	WEST FORK KICKAPOO RIVER 125 YDS DOWNSTREAM OF CTH P

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
43.657238	-90.78372	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

- [✓] 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**	
6.0	9.0	1	**Replicate No.** ____ **of** ____

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)**
12.9	~~13.2~~ 12.3	~~122~~	8.5		>120

Water Color

- [✓] 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~~ 0.3	~~20~~ 11.0

Composition of Substrate Sampled (Percent):

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

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

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

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

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter: Justin Kowalski	Taxonomist: Dimick, Jeffrey	Estimated Percent of Sample Sorted: 7%
Date Processed: 3/15/19	Specimens Saved: 5 sample archived in ABL until Aug 2020	

E1
B5