

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

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Instructions: Bold fields must be completed.

Station Summary

Waterbody Name CROOKED CREEK		Waterbody ID Code 1205600	Sample ID (YYYYMMDD-CY-FD) 20161025-22-01
Sampling Location			Database Key 135786444
SWIMS Station ID 10030032		SWIMS Station Name CROOKED CREEK DOWNSTREAM OF STATE HIGHWAY 61	
Latitude 43.087807	Longitude -90.69103	Lat/Long Determination Method (circle) SWIMS SWDV GPS	
Basin (WMU) LOWER WISCONSIN		Watershed Name GREEN RIVER AND CROOKED CREEK	Datum Used if using GPS WGS84 or NAD83
County GRANT			

Sample and Site Descriptors

Sample Collector (Last Name, First) JEAN UNMUTH	Project Name SCR LONG-TERM TREND WADEABLE REFERENCE STREAMS
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Sampling Device

☒ 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) 3.0	Estimated Area Sampled (m²) 3.0	Number of Samples in Composite 1	Replicate No. _____ of _____
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Reason For Sampling

☒ Least Impacted Reference	☐ Baseline	☐ Impact / Treatment Site
☐ Control Site	☐ Trend	☐ Other: _____

Water Temp. (C) 8.2	D.O. (mg/l) 13.5	D.O. (% sat.) 111	pH (su) 7.9	Conductivity (umhos/cm) 626	Transparency (cm) >120
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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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.20	Average Stream Width of reach (m) 1.8
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): 10	Rubble (tennisball to basketball): 20	Gravel (ladybug to tennisball): 40
Sand: 10	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: 20	Coarse Woody Debris: _____	Other ():: _____

Embeddedness of Substrate at Sample Site (%) 10	Canopy Cover at Sample Site (%) 80
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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	PL		Chlorine	N	
- Filamentous Algae	PL		Dissolved Oxygen	N	
- Planktonic Algae	PL		Nutrients (P, N...)	N	
Iron Bacteria	N		Toxics: - Inorganic (Metals)	N	
Macrophytes	N		- Organic (PCBs, pesticides...)		
Slimes	N		Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	PH	PH
			Point Source - Specify:	N	
Physical			Pasturing of Livestock	N	
Bank Erosion	PH	PH	Runoff: - Barnyard	PH	PH
Channelization: - Upstream	PH		- Construction	N	
- Downstream	PH	PH	- Cropland	PH	PH
Hydraulic Scour / Channel Incision	PH	PH	- Urban	N	
Impoundment: - Upstream	N		Septic Systems		
- Downstream	N		Tile Drainage - Organic Soils		
Low Flow	N		- Mineral Soils		
Sedimentation	PH	PH	Springs		
Sludge	N		Tributary(s)		
Thermal	N		Wetland		
Turbidity	PH	PH	Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Cadie Olson	Taxonomist Dimitri Jeffrey	Estimated Percent of Sample Sorted 20%
Date Processed 10/3/17	Specimens Saved Subsample archived in ABL until Dec 2020	

B1: 67
A3: 43

E1: 48
= 158

[illegible]