

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name CROOKED CREEK	Waterbody ID Code 1205600	Sample ID (YYYYMMDD-CY-FD) 20170927-22-01
Sampling Location		Database Key 150534419

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	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER WISCONSIN		Watershed Name GREEN RIVER AND CROOKED CREEK	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

☒ D-Frame 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) 4.0	Estimated Area Sampled (m²) 3.0	Number of Samples in Composite 0	Replicate No. _____ of _____
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Reason For Sampling

☒ Least Impacted Reference	☐ 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)
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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) 3.6
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 60	Gravel (ladybug to tennisball): 30
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Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
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Aquatic Macrophytes: 5	Leaf Snags: 5	Coarse Woody Debris: _____	Other ():: _____
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Embeddedness of Substrate at Sample Site (%) 10	Canopy Cover at Sample Site (%) 50
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Wadeable Macroinvertebrate Field Data Report

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

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Murphy Steinhilber	Taxonomist Dimick Jeffery	Estimated Percent of Sample Sorted 20%
Date Processed 10/9/18	Specimens Saved subsample archived in ABC indol Jan 2022	

A 55 ID 34
2A 44 Total = 133

Wisconsin Department of Natural Resources

ABL SampleNum: 20170927-22-01

Taxonomist: Dimick, Jeffrey

Waterbody: Crooked Creek

SWIMS Database Key: 150534419

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis brunneicollis</i>	L	XIV	15	Klub 2016		
<i>B. trivittatus</i>	L	-	5	"		
<i>Brachycentrus occidentalis</i>	L	III	4	Hils 1985		
<i>Glossosoma intermedium</i>	L	I	1	Wym Moe 2000		
<i>Hydropsychidae</i>	L	II	2	Hils 1985	imm	N
<i>Cheumatopsyche</i>	L	II	2	"		
<i>Ceratopsyche glossanthe</i>	L	II	7	Schm Hils 1986		
<i>Hydroptilidae</i>	P	I	1	Wym Curr 2008		
<i>Oligoneurus festinatus</i> L.2 A.1	L, A	III	3	Hils Schm 1992		
<i>Clinocera</i>	L	I	1	Court Merr 2008		
<i>Simulium tuberosum</i> species complex	L	III	4	Adl et al 2004		
<i>S. vittatum</i> species complex OBUD217	L	I	1	"		
<i>Simulium</i>	P	III	3	"		N
<i>Cricotopus (Cricotopus)</i>	P	II	2	Ferr et al 2008		N
<i>Polypedium</i>	P	I	1	"		
<i>Gammarus pseudolimnensis</i>	A	8x	55	Hils 1972		
<i>Caecidotea intermedia</i>	A	x-IV	17	Will 1972		
<i>Naididae</i>	A	I	1	Brinkfeld 1991		
<i>Dina parva</i>	A	I	1	Klemm 1985		
<i>Physa</i>	A	X	10	Thorp Bog 2016		
split A3 Chironomidae	L	IV				
<i>Tanytarsus</i> OB270000	L	I	1	Cranston 2013	imm	
<i>Eukiefferiella olaripennis</i> group	L	-I	6	Andert 3 2013		
<i>Hydrophorus</i>	L	I	1	"		
<i>Parametriocnemus</i>	L	I	1	"		
<i>Thienemannella</i>	L	I	1	"	2am	
<i>Tretania bavarica</i> group	L	III	3	Bode 1983		
<i>Cricotopus (Cricotopus) biconotus</i> group	L	I	1	Andert 3 2013		
<i>Chironomidae</i> OB330000	L	I	1	Cranston 2013		
<i>Microsectra</i>	L	II	2	Epl et al 2013		
<i>Paratanytarsus longistylus</i>	L	-	5	"		

3 taxa, TUA L & 2.0
10 < (0.1 x 136)

