

Instructions: **Bold** fields must be completed.

Station Summary

Waterbody Name CROOKED CREEK	Waterbody ID Code 1205600	Sample ID (YYYYMMDD-CY-FD) 20211026-22-01
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Sampling Location ~25 m downstream of STH 61	Database Key 292570205
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SWIMS Station ID 10030032	SWIMS Station Name CROOKED CREEK DOWNSTREAM OF STATE HIGHWAY 61
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Latitude 43.08794	Longitude -90.69153	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS <u>WGS84</u> or NAD83
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Basin (WMU) LOWER WISCONSIN	Watershed Name GREEN RIVER AND CROOKED CREEK	County GRANT
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Sample and Site Descriptors

Sample Collector (Last Name, First) KIMBERLY KUBER	Project Name SCR LONG-TERM TREND WADEABLE REFERENCE STREAM
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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) 1	Estimated Area Sampled (m²) 1	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) 8.9	D.O. (mg/l) 12.01	D.O. (% sat.) 103.8	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)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 60
Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____

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

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

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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	Factors that may be influencing Water Resource Integrity	Local	Watershed
Biological			Chemical		
Algae: - Diatoms / Periphyton			Chlorine		
- Filamentous Algae			Dissolved Oxygen		
- Planktonic Algae			Nutrients (P, N...)		
Iron Bacteria			Toxics: - Inorganic (Metals)		
Macrophytes			- Organic (PCBs, pesticides...)		
Slimes			Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion		
			Point Source - Specify:		
Physical			Pasturing of Livestock		
Bank Erosion			Runoff: - Barnyard		
Channelization: - Upstream			- Construction		
- Downstream			- Cropland		
Hydraulic Scour / Channel Incision			- Urban		
Impoundment: - Upstream			Septic Systems		
- Downstream			Tile Drainage - Organic Soils		
Low Flow			- Mineral Soils		
Sedimentation			Springs		
Sludge			Tributary(s)		
Thermal			Wetland		
Turbidity			Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Undlin, Dylan</i>	Taxonomist <i>Drumick, Jeffrey</i>	Estimated Percent of Sample Sorted Rep1: 6.25% / Rep2: 6.25%
Date Processed <i>10/30/22</i>	Specimens Saved Rep1: 127 / Rep2: 143	Subsamples archived in ABC until Jan 2024

B2
 q1 → 25
 q3 → 26
 q2 →
 q4 →
 D4
 q3 → 26
 q2 → 50
 q4 →
 q1 →
 Total: 127
 Rep2: C3
 q4 → 35
 q1 → 26
 q2 →
 q3 →
 A1
 q4 → 42
 q2 → 40
 q3 →
 q1 →
 Total: 143

Wisconsin Department of Natural Resources

ABL SampleNum: 20211026-22-01

Taxonomist: Dimick, Jeffrey

Waterbody: Crooked Creek
SWIMS Database Key: 292570205

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Taxa	Life Stage	Organism Count			Taxonomic Reference	Condition	Unique Taxon
		Rep 1	Rep 2	Rep 3			
Baetidae	L	0	2		MCB 2019	dam/imm	N
Baetis brunneicolar	L	0	1		Kleb 2016		
B. tricaudatus	L	6	10		"		
Brachycentrus occidentalis	L	5	0		Hils 1985		
Clossosoma	L	2	5		MCB 2019	imm	N
C. intermedium	L	5	3		WymMar 2000		
Hydropsychidae	L	0	3		MCB 2019	dam/imm	N
Ceratopsyche	L	3	1		Hils 1985	imm	N
C. slosserae	L	6	7		Schm Hils 1986		
C. sparna	L	6	1		"		
Chematopsyche	L	5	4		MCB 2019		
Hydropsyche	L	1	2		Hils 1985	imm	N
H. betteni	L	3	1		Schm Hils 1986		
Hesperophylax designatus	L	0	1		Hils 1985		
Optioservus	L	11	10		MCB 2019	imm	N
O-fastiditus 21 L3 A1 22 L2 A1	L4	4	3		Hils Schm 1992		
Diamesa	P	0	1		MCB 2019		
Cricotopus (Cricotopus)	P	1	0		Wieder 1986		
Paratanytarsus	P	0	1		MCB 2019		N
Dicranota	L	0	1		"		
Gammarus pseudolimnaeus	A	11	10		Hils 1972		
Caecidotea	A	3	3		Thorp Reg 2016	dam/imm	
Physa	A	3	0		"		
Naidinae	A	0	1		Kahn Boin 1998		
Tubificinae (without hairs)	A	1	0		"		
Nyctobates	A	0	2		Peck et al 1990		
Speleonidae	A	2	10		"		
Split A2a Chironomidae	L	50	50	10			
Split A2b Chironomidae	L	0	23	10			
Corethralia	L	1	2		Ander et al 2013		
Thienemannimyia group	L	1	1		"	imm	N
Pacastix	L	11	6		"		
Orthocladinae	L	4	13		"	imm	N
Eukiefferella claryensis group	L	0	1		"		
Nanocladius (Nanocladius)	L	0	1		"		
Orthocladus (Orthocladus)	L	0	2		"		
Chironominae	L	3	3		"	imm	N
Micropeckia	L	1	0		"		
Paratanytarsus longistylus	L	27	33		"		

Taxonomist: Dimick, Jeffrey

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[illegible]