

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name KOHLVILLE RIVER		Waterbody ID Code 865400	Sample ID (YYYYMMDD-CY-FD) 20201006-67-01
Sampling Location SOS area		Database Key 250470512	
SWIMS Station ID 10022037	SWIMS Station Name KOHLVILLE RIVER - UPSTREAM OF MIDLAND DRIVE		
Latitude 43.48343	Longitude -88.36165	Lat/Long Determination Method (circle) ☒ SWIMS ☐ SWDV ☐ GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) UPPER ROCK	Watershed Name EAST BRANCH ROCK RIVER	County WASHINGTON	

Sample and Site Descriptors

Sample Collector (Last Name, First) Helker, Craig	Project Name SER 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) 2	Estimated Area Sampled (m ²) 2	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

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

Water Temp. (C) 9.86	D.O. (mg/l) 10.55	D.O. (% sat.) 94.1	pH (su) 7.89	Conductivity (umhos/cm) 1254	Transparency (cm) 4120
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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): 20	Rubble (tennisball to basketball): 50	Gravel (ladybug to tennisball): 30
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Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
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Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____
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Embeddedness of Substrate at Sample Site (%) 60	Canopy Cover at Sample Site (%) 0
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20201006-67-01
Station # 10022037
Sample 1 of 1
Kohlville River - US Midland Drive
WBIC 865400
Craig Helker
LTT Wadeable Reference Stream

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		
- 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	Raatz, Trevor	Taxonomist	Dimick, Jeffrey	Estimated Percent of Sample Sorted	9.38 %
Date Processed	12/7/2021	Specimens Saved	Subsample archived in ABL under 1 Feb 2025		

A4Q4: 27
B1Q3: 20: 47
A4Q1: 24: 71
B1Q2: 20: 91
A4Q3: 28: 119
B1Q1: 27: 146
A4Q2:
B1Q4:

146

Wisconsin Department of Natural Resources

ABL SampleNum: 20201006-67-01

Taxonomist: Dimick, Jeffrey

 Waterbody: Kohlsville River
 SWIMS Database Key: 250470512

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Beetris intercalaris</i>	L	11	2	Kub 2016		
<i>B. flavistriga</i> species complex	L	1111	4	"		
<i>Stenocranus</i>	L	m	3	MCB 2019	imm	
<i>Helicopsyche borealis</i>	L	111	3	Hils 1995		
<i>Hydropsychidae</i>	L	11	2	MCB 2019	imm	N
<i>Cnemidopsycha</i>	L	x111	13	"		
<i>Hydropsyche betteni</i>	L	x111	13	Schmidt 1986		
<i>Nebrapha</i>	L	1	1	MCB 2019		
<i>Optioservus</i>	L	111	3	"	imm	N
<i>O. fastiditus</i> L, 7 A, 10	L, A	x-11	17	Hils Schum 1992		
<i>Stenelmis</i>	L	11	2	MCB 2019		N
<i>S. crenata</i>	A	1111	4	Hils Schum 1992		
<i>Cricotopus (Cricotopus) bicinctus</i> group	P	11	2	Coff et al 1986		N
<i>Thienemannella</i>	P	1	1	MCB 2019		N
<i>Heimerdromia</i>	L	1	1	"		
<i>Parakiefferiella</i>	P	11	2	"		N
<i>Chrysops</i>	L	1	1	"		
<i>Chironomidae</i>	P	1	1	"	dam	N
<i>Bannanus pseudoluminaeus</i>	A	x	10	Hils 1972		
<i>Pseidocia</i>	A	111	3	Thorp Reg 2016	fem	
<i>Lebertia</i>	A	1	1	Peck et al 1990		
<i>Ferrissia rivularis</i>	A	1111	8	Thorp Reg 2016		
<i>Maidinea</i>	A	1	1	Kath Brin 1998		
<i>Spitz Chironomidae</i>	L	B+JID				
<i>Tritonia discoloripes</i> group	L	1	1	Bode 1983		
<i>Microtendipes pedellus</i> group	L	x-	15	And et al 2013		
<i>Rhytanytarsus</i>	L	1111	9	"		
<i>Cricotopus (Cricotopus) bicinctus</i> group	L	x	10	"		
<i>C.(C.) fremulus</i> group	L	-	5	"		
<i>Orthocladius (Orthocladius)</i>	L	11	2	"		
<i>Parakiefferiella</i>	L	1111	4	"		
<i>Pseotocladius</i>	L	1	1	"		
<i>Rheocricotopus</i>	L	1	1	"		
<i>Thienemannella xena</i>	L	1	1	Bolton 2012		
<i>Chironominae</i>	L	1	1	And et al 2013	imm	N
<i>Cladotanytarsus</i>	L	111	3	"		

Taxonomist: Dimick, Jeffrey

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[illegible]