

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

Page 1 of 2

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name KOHLVILLE RIVER	Waterbody ID Code 865400	Sample ID (YYYYMMDD-CY-FD) 20211027-65-01
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Sampling Location

SOS	Database Key 288762609
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SWIMS Station ID
10022037

SWIMS Station Name
KOHLVILLE RIVER - UPSTREAM OF MIDLAND DRIVE

Latitude

43.4834

Longitude

-88.3616

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)

Heller, Craig

Project Name

SER LONG-TERM TREND WADEABLE REFERENCE STREAM

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)

3

Estimated Area Sampled (m²)

3m²

Number of Samples in Composite

1

Replicate No. _____ of _____

Reason for Sampling

☐ Least Impacted Reference	☐ Baseline	☐ Impact / Treatment Site
☐ Control Site	☐ Trend 7.64	☐ Other: _____

Water Temp. (C)

5.66

D.O. (mg/l)

11.38

D.O. (% sat.)

91.6

pH (su)

7.64

Conductivity (umhos/cm)

773.2 (70.5) 494.7

Transparency (cm)

+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

0.9

circle units

m/s or f/s

Average Stream Depth of reach (m)

0.4 m

Average Stream Width of reach (m)

5 m

Composition of Substrate Sampled (Percent):

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

30

Canopy Cover at Sample Site (%)

40%

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:		
			Pasturing of Livestock		
Physical			Runoff: - Barnyard		
Bank Erosion			- Construction		
Channelization: - Upstream			- Cropland		
- Downstream			- Urban		
Hydraulic Scour / Channel Incision			Septic Systems		
Impoundment: - Upstream			Tile Drainage - Organic Soils		
- Downstream			- Mineral Soils		
Low Flow			Springs		
Sedimentation			Tributary(s)		
Sludge			Wetland		
Thermal			Other - Specify:		
Turbidity					
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Undlin, Dylan</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>Rep 1: 7.8% / Rep 2: 7.8%</i>
Date Processed <i>Rep 1: 11/9/22</i>	Specimens Saved <i>Rep 1: 137 / Rep 2: 148</i>	<i>subsamples archived in ABL Ltr 1</i>

Rep 1
B1
Q2 → 28
Q3 → 29
Q1 → 14
Q4 →

D3
Q3 → 40
Q4 → 26
Q2 →
Q1 →
Total = 137

Rep 2
D3
Q2 → 32
Q1 → 30
Q4 → 24
Q3 →

A4
Q1 → 22
Q4 → 40
Q3 →
Q2 →
Total = 148

MAR 2026

Wisconsin Department of Natural Resources

ABL SampleNum: 20211027-65-01

Taxonomist: Dimick, Jeffrey

 Waterbody: Kohlsville River
 SWIMS Database Key: 288762609

Page 1 of 2

Taxa	Life Stage	Organism Count			Taxonomic Reference	Condition	Unique Taxon
		Rep 1	Rep 2	Rep 3			
Stenocranus	L	0	2		MCB 2019	imm	
Taeniopteryx	L	0	1		"	imm	
Ceratopsyche brenta	L	1	1		Schmitt 1986		
Chamatopsyche	L	13	8		MCB 2019		
Hydropsyche betteri	L	2	2		Schmitt 1986		
Neophylax	L	1	0		MCB 2019	imm	
Oribiapha	L	0	1		"		
Macronychus glabratus	L	0	1		Hils 1995		
Optoservus	L	16	19		MCB 2019	imm	N
O. fastidius R1 L2 A, 6 R2 L5 A, 5	L/A	8	10		Hils Schmitt 1992		
Stenelmis	L	2	3		MCB 2019		N
S. crenata	A	1	1		Hils Schmitt 1992		
Diptera 08000200 Brachycera	P	1	0		MCB 2019		Y
Chironomidae 08250002	P	0	1		"	dam	N
Cricotopus (Cricotopus) 08307501	P	1	0		Wieder 1986		
Hemerosomina	L	2	0				
Simulium vittatum species complex 08116217	L	0	1		Adler et al 2004		
Antocha	L	1	1		MCB 2019		
Gammarus pseudolimnaeus	A	3	3		Hils 1972		
Caecidotea	A	1	0		Thorp Reg 2016	fem	
Ferrissia rivularis	A	1	1		"		
Hydrobiidae NOT P. antipodorum	A	2	0		Burn 1972		
Pisidium	A	1	0		Thorp Reg 2016		
Naiclinea	A	4	4		Kath Brim 1998		
Tubificinae (without hairs)	A	1	1		"		
Lebertia	A	1	0		Reck et al 1990		
Split A2 Chironomidae	L	30	43	110			
Orthocladinae 08300000	L	0	5		Adler et al 2013	mt indet / dam	N
Brillia	L	2	0		"	imm	
Cricotopus	L	1	1		"		Y
C. (Cricotopus) bicinctus group	L	0	2		"		
Parakiefferiella	L	4	3		"		
Thienemannella	L	1	0		"	dam	
Tweedia hawaiiensis group	L	3	0		Bode 1983		
Chironominae 08330000	L	1	0		Adler et al 2013	mt indet	Y
Chironomus	L	4	6		"		
Cladotanytarsus	L	9	15		"		
Cryptochironomus	L	0	1		"		
Micropsectra	L	4	3		"		

Taxonomist: Dimick, Jeffrey

Page 2 of 2[illegible]