

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name ROCK CREEK	Waterbody ID Code 1750800	Sample ID (YYYYMMDD-CY-FD) 20190924-10-01
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Sampling Location US bridge ~95m	Database Key 207086198
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SWIMS Station ID 10030170	SWIMS Station Name ROCK CREEK AT OWEN AVE AND ROCK CREEK RD
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Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) BLACK RIVER	Watershed Name CAWLEY AND ROCK CREEKS	County CLARK
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Sample and Site Descriptors

Sample Collector (Last Name, First) MYCAL RALEIGH	Project Name WCR 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) 3	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) 18.3	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) 0.3	Average Stream Width of reach (m) 7
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): 25	Rubble (tennisball to basketball): 45	Gravel (ladybug to tennisball): 20
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Sand: 10	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 (%) 10	Canopy Cover at Sample Site (%) 0
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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	U	Chlorine	U	U
- Filamentous Algae	N	U	Dissolved Oxygen	U	U
- Planktonic Algae	N	U	Nutrients (P, N...)	U	U
Iron Bacteria	N	U	Toxics: - Inorganic (Metals)	U	U
Macrophytes	N	U	- Organic (PCBs, pesticides...)	U	U
Slimes	N	U	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	PL	U
			Point Source - Specify:		
Physical			Pasturing of Livestock	N	U
Bank Erosion	PL	U	Runoff: - Barnyard	N	U
Channelization: - Upstream	N	N	- Construction	PL	U
- Downstream	N	N	- Cropland	PL	U
Hydraulic Scour / Channel Incision	N	U	- Urban	N	U
Impoundment: - Upstream	N	N	Septic Systems	U	U
- Downstream	N	N	Tile Drainage - Organic Soils	U	U
Low Flow	N	U	- Mineral Soils	U	U
Sedimentation	N	U	Springs	U	U
Sludge	N	U	Tributary(s)	U	U
Thermal	N	U	Wetland	U	U
Turbidity	N	U	Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter NODS, Eric	Taxonomist Dimick, Jeffray	Estimated Percent of Sample Sorted 15%
Date Processed 16-21-2010	Specimens Saved Subsample archived in ABC until Dec 2023	

E2 053 0124
410 67 16 = 129

Wisconsin Department of Natural Resources

ABL SampleNum: 20190924-10-01

Taxonomist: Dimick, Jeffrey

Waterbody: Rock Creek

SWIMS Database Key: 207086198

Page 1 of 2

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Acentrella parvula</i>	L	1	1	Kleb 2016		
<i>Acerpenna</i>	L	11	2	MerrLummB 2019	dam	N
<i>A. pygmaea</i>	L	x11	12	Kleb 2016		
<i>Baetis intercalaris</i>	L	1111	4	"		
<i>B. flavistriga</i> species complex	L	11	7	"		
<i>Maccaffertium macropunctatum</i>	L	x111	8	"		
<i>M. vicarium</i>	L	11	2	"		
<i>Leptaphlebia</i>	L	11	2	MerrLummB 2019	imm	
<i>Isonychia</i>	L	1	1	"	imm	
<i>Paracapsia angelata</i>	L	1	1	Hitch 1974		
<i>Toenipoteryx</i>	L	111	3	MerrLummB 2019	imm	
<i>Ceratopsyche</i>	L	11	2	Hils 1995	imm	N
<i>C. bronta</i>	L	1	6	Schm Hils 1986		
<i>Cheumatopsyche</i>	L	011	22	MerrLummB 2019		
<i>Hydropsyche betteni</i>	L	11	2	Schm Hils 1986		
<i>Philopotamidae</i>	L	11	2	MerrLummB 2019	imm	N
<i>Chimarra obscura</i>	L	11	7	Hils 1982		
<i>Optroservus</i>	L	11	2	MerrLummB 2019	imm	N
<i>O. fastidiosus</i>	L	111	3	Hils Schm 1992		
<i>Stenelmis</i>	L	1	7	MerrLummB 2019		
<i>Orthocladinae</i> 08300001 <i>(Tuckaree?)</i>	P	1	1	"	dam	N
<i>Simulium</i>	L	1	1	"	imm	N
<i>S. fibroclatum</i>	L	1	1	Adl et al 2004		
<i>S. jenningsi</i> species group	L	11	7	"	imm	N
<i>Dicranota</i>	L	1	1	MerrLummB 2019		
<i>Nematoma</i>	L	1	1	"		
<i>Lebertia</i>	A	1	1	Peck et al 1990		
<i>Naidinae</i>	A	1	1	Kath Brin 1998		
<i>Tubificinae</i> (without hairs)	A	11	2	"		
<i>Hemerodromia</i>	L	1	1	MerrLummB 2019		
<i>Spinthar Chironomidae</i>	L	01111111				
<i>Corynoneura</i>	L	1	1	And et al 2013		
<i>Parametriocnemus</i>	L	1	1	"		
<i>Chironomidae</i> 08250000	L	11	2	MerrLummB 2019	not indet	N
<i>Cricotopus</i> (<i>Cricotopus</i>) <i>bicinctus</i> group	L	1	1	And et al 2013		
<i>Thienemannella similis</i>	L	1	1	Bolton 2012		
<i>T. xena</i>	L	1	1	"		

Taxonomist: Dimick, Jeffrey

Page 2 of 2

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