

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name ROCK CREEK	Waterbody ID Code 1750800	Sample ID (YYYYMMDD-CY-FD) 20201119-10-03
------------------------------	------------------------------	--

Sampling Location 100m up of Bridge crossing at first Riffle.	Database Key 254030025
--	---------------------------

SWIMS Station ID 10030170	SWIMS Station Name ROCK CREEK AT OWEN AVE AND ROCK CREEK RD
------------------------------	--

Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
----------	-----------	--	---

Basin (WMU) BLACK RIVER	Watershed Name CAWLEY AND ROCK CREEKS	County CLARK
----------------------------	--	-----------------

Sample and Site Descriptors

Sample Collector (Last Name, First) KURT RASMUSSEN, ANDREW J SCHNEYEI	Project Name WCR 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) 1	Estimated Area Sampled (m ²) 1	Number of Samples in Composite 1	Replicate No. 1 of 1
--------------------------------	---	-------------------------------------	----------------------

Reason For Sampling

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

Water Temp. (C) 2.47	D.O. (mg/l) 12.92	D.O. (% sat.) 94.7	pH (su) 7.17	Conductivity (umhos/cm) 235	Transparency (cm)
-------------------------	----------------------	-----------------------	-----------------	--------------------------------	-------------------

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 circle units m/s or f/s	Average Stream Depth of reach (m) 0.5 m	Average Stream Width of reach (m) 3.5
---	--	--

Composition of Substrate Sampled (Percent):

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

Sand: 20	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
----------	-------------	------------------	-------------------------------

Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____
----------------------------	-------------------	----------------------------	------------------

Embeddedness of Substrate at Sample Site (%) 20	Canopy Cover at Sample Site (%) 0
---	-----------------------------------

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Raatz, Trevor	Taxonomist	Dimick, Jeffrey	Estimated Percent of Sample Sorted	9.4%
Date Processed	1/25/2022	Specimens Saved	Subsample archived in MBL until Mar 2025		

A4Q4:28
C2Q2:29:57
A4Q1:23:80
C2Q1:23:103

A4Q2:16:119
C2Q3:18:137
A4Q3
C2Q4

137

11:40 -
1:30
2:00 -
2:40
1:50
1:40
2:30

Wisconsin Department of Natural Resources

ABL SampleNum: 20201119-10-03

Taxonomist: Dimick, Jeffrey

Waterbody: Rock Creek

SWIMS Database Key: 254030025

Page 1 of 2

Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Coenis	L	1	1	MCB 2019	imm	
Maccaffertium mediopunctatum	L	1	1	Kich 2016		
M. vicarium	L	1	1	"		
Leptophlebiidae	L	1	1	MCB 2019	dam	
Allocaenia	L	xiii	14	MCB 2019		
Isoperla signata	L	1	1	Hils 1982		
Ceratopsyche bronta	L	-1	6	Schm Hils 1986		
C. macosa bifida form	L	11	2	"		
Cheumatopsyche	L	-iii	9	MCB 2019		
Hydroptilidae	L	1	1	"	dam	N
Hydroptila	L	1	1	"		
Chimarra obscura	L	-	5	Hils 1982		
Psychomyia flavida	L	11	2	Hils 1985		
Otioservus	L	-1	6	MCB 2019	imm	N
O. fastiditus L, 6 A, 1	L/A	-11	7	Hils Schm 1992		
Stenelmis	L	xviii	15	MCB 2019		N
S. crenata	A	11	3	Hils Schm 1992		
Diptera Brachyera	P	1	1	MCB 2019		-1
Hemerodromia	L	111	4	"		
Prosimulium	L	1	1	"	imm	
Antocha	L	1	1	"		
Dugesidae	A	11	2	Thompson 2016		
Pisidium	A	1	1	"		
Naidinae	A	111	3	Kath Brin 1996		
Speroneuridae	A	1	1	Reck et al 1990		
Split A2 Chironomidae	L	xviii	25			
Parametopneustes	L	111	4	And et al 2013		
Ceratomyxus	L	x1	11	"		
Microtendys pedellus group	L	111	4	"		
Rheotanytarsus	L	11	2	"		
Thienemannimyia group	L	11	2	"	not ident	
cardioladus obscurus	L	1	1	Epler 2001		
Diplocladius	L	1	1	And et al 2013		
varioladus (varioladus) crassicornis/cf. rectus nervis	L	1	1	Bohner 2012		
Orthocladius (Orthocladius)	L	0	20	And et al 2013		
Paratanytarsus species B	L	1	1	Hils unpubl		

Taxonomist: Dimick, Jeffrey

Page 2 of 2

[illegible]