

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name PARSONS CREEK	Waterbody ID Code 136000	Sample ID (YYYYMMDD-CY-FD) 20161028-20-02
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Sampling Location US Hickory Rd	Database Key 133649583
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SWIMS Station ID 203102	SWIMS Station Name PARSONS CREEK UPSTREAM HICKORY RD
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Latitude 43.693287	Longitude -88.471725	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) UPPER FOX	Watershed Name FOND DU LAC RIVER	County FOND DU LAC
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Sample and Site Descriptors

Sample Collector (Last Name, First) DAVID BOLHA	Project Name NER LONG-TERM TREND WADEABLE REFERENCE STREAMS
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Sampling Device

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) 4	Estimated Area Sampled (m²) 2.5	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) 48.3	D.O. (mg/l) 9.59	D.O. (% sat.) 85.0	pH (su) 7.83	Conductivity (umhos/cm) 837.0	Transparency (cm) 81
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Water Color <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) .2	Average Stream Width of reach (m) 4
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Composition of Substrate Sampled (Percent):

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

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Justin Kowalski	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 13%
Date Processed 10/5/17	Specimens Saved Subsample archived in ABC until Dec 2020	

D3 A2 D2
 72 55
 127

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Allocapnia</i>	L	-III	8	Nilsenhoff 1995		
<i>Baetis tricaudatus</i>	L	-II	7	Klubertanz 2016		
<i>Maratopetium vicarium</i>	L	I	2	"		
<i>Glossosoma intermedium</i>	L	-I	6	Wymer-Morse 2000		
<i>Cheumatopsyche</i>	L	XI	11	Nilsenhoff 1995		
<i>Ceratopsyche glossosoma</i>	L	II-I	26	Schm, Hils. 1986		
<i>Lepidostoma</i>	L	I	1	Nilsenhoff 1995		
Limnephilidae	L	I	1	"	imm	
<i>Dolioseserus</i>	L	XI	15	Hils Schm. 1992	imm	N
<i>A. fastiditus</i>	L, A	7, II	9	"		
<i>Stenelmis</i>	L	I	1	"		
<i>Antocha</i>	L	III	4	Nilsenhoff 1995		
<i>Dicranota</i>	L	III	4	"		
<i>Limonia</i>	L	I	1	"		
<i>Gammarus pseudolimnaeus</i>	A	0	20	Hokinger 1972		
<i>Caecidotea intermedia</i>	A	X	10	Williams 1972		
<i>Sperchonopsis</i>	A	II	2	Pluchino 1984		
<i>Tricladida</i>	A	II	2	Kolasa 1991		
Naididae	A	III	4	Brin, Celd. 1991		
<i>Tubificinae w/o capilliform chaetae</i>	A	III	3	Klemm 1985		
<i>Metagynophora</i>	A	I	1	Brin, Celd. 1991		
<i>Eprobdeidae</i>	A	III	3	Davies 1991	dam	N
<i>Microstoma boreobdella microstoma</i>	A	III	3	Klemm 1985		
<i>Chironomidae</i>	L	I	1	Court, Moss. 2008	dam	N
<i>Eukiefferiella</i>	L	I	1	Ander.+3 2013	dam	
<i>Micropsectra</i>	P	I	1	Ferr. et al. 2008		
<i>Parakiefferiella</i>	L	I	1	Ander.+3 2013		
<i>Parametriocnemus</i>	L	III	4	"		
<i>Tretenia bavarica group</i>	L	I	1	Boke 1983		
<i>Orthocladius (Orthocladius)</i>	L	III	3	Ander.+3 2013		
<i>Micropsectra</i>	L	I	1	Epler et al 2013		N
<i>Paratanytarsus sp. B</i>	L	I	1	Nilsenhoff unpubl		
<i>P. longistylus</i>	L	III	3	Epler et al 2013		
<i>Paratendipes</i>	L	III	4	"		
<i>Polyperilum (Polyperilum) laetum group</i>	L	I	1	Bolton 2012		
<i>Rheotanytarsus</i>	L	I	1	Epler et al 2013		