

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name PARSONS CREEK		Waterbody ID Code 136000	Sample ID (YYYYMMDD-CY-FD) 20171004-20-01
Sampling Location		Database Key 149253195	
SWIMS Station ID 203102		SWIMS Station Name PARSONS CREEK UPSTREAM HICKORY RD	
Latitude 43.693287	Longitude -88.471725	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) UPPER FOX		Watershed Name FOND DU LAC RIVER	County FOND DU LAC

Sample and Site Descriptors	
Sample Collector (Last Name, First) DAVID BOLHA	Project Name NER LONG-TERM TREND WADEABLE REFERENCE STREAMS

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) 1.0	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) 14.4°C 58.0°F	D.O. (mg/l) 8.5	D.O. (% sat.) 82.3	pH (su) 7.9	Conductivity (umhos/cm) 741.8	Transparency (cm) 44
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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)

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.3	Average Stream Width of reach (m) 4.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 80 Gravel (ladybug to tennisball): 20
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 10 Canopy Cover at Sample Site (%) 60

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		PH	PH	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		PL	PL
Channelization: - Upstream		N	PH	- Construction		N	N
- Downstream		N	PL	- Cropland		PL	PL
Hydraulic Scour / Channel Incision		N	PL	- Urban		N	N
Impoundment: - Upstream		N	N	Septic Systems		N	N
- Downstream		N	N	Tile Drainage - Organic Soils		N	N
Low Flow		N	PH	- Mineral Soils		N	PL
Sedimentation		PH	PH	Springs		PL	PL
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 Czarnacki, Kiersten	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 13
Date Processed 10/26/2018	Specimens Saved Subsample archived in ABL until Jan 2022	

DZ = 84
 B1 = 80 > 164

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Perlodidae	L	1	1	Hils 1995	imm	
Baetis brunneicolor	L	x-	15	Klub 2016		
B. tricaudatus	L	-	5	"		
B. flavistriga species complex	L	"	2	"		
Pentageniidae	L	1	1	"	imm	
Glossosoma intermedium	L	1	1	Wym Mar 2000		
Hydropsychidae	L	x11	12	Hils 1995	imm	N
Cnemidopsycha	L	x	10	"		
Ceratopsycha slossonae	L	x-	15	Schm Hils 1986		
Pycnopsycha	L	1	1	Hils 1995		
Orthotrochus	L	III	5	Hils Schm 1992	imm	N
O. fastidivus L.3 A.1	L, A	III	4	"		
Stenelmis crenata	A	"	2	"		
Simulium tuberosum species complex	L	1	1	Adl et al 2004		
S. libaniflatum	L	1	1	"		
S. jenningsi species group	L	"	7	"	imm	N
Simulium	P	1	1	"		N
Diura	L	"	2	Hils 1995		
Tvetenia	P	-1	6	Fer et al 2008		N
Gammaeus pseudolimnaeus	A	0	25	Hils 1972		
Caecidotea intermedia	A	x11	12	Will 1972		
Lebertia	A	"	3	Pluch 1984		
Sperchonopsis	A	1	1	"		
Naidinae	A	1	1	Birnfeld 1991		
Tubificinae (without hairs)	A	1	1	Klamm 1985		
Dina parva	A	III	3	"		
Pisidium	A	1	1	Burck 1972		
split 13 Chironomidae	L	+100				
Orthotrichinae 08300000	L	1	1	Cranston 2013	imm	N
Eukiefferiella	L	"	2	Andert 3 2013	int indet	N
E. claripennis group	L	"	2	"		
Tvetenia bavarica group	L	0-	25	Bode 1983		
Rhytanytarsus	L	1	1	EpI et al 2013		