

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name UNNAMED		Waterbody ID Code 836550	Sample ID (YYYYMMDD-CY-FD) 20171010-11-04
Sampling Location 3 m downstream CTH G		Database Key 151307034	
SWIMS Station ID 10032589		SWIMS Station Name UNNAMED TRIBUTARY TO BEAVER CREEK AT HWY. G	
Latitude 43.50534	Longitude 89.02307	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) UPPER ROCK		Watershed Name BEAVER DAM RIVER	County COLUMBIA

Sample and Site Descriptors	
Sample Collector (Last Name, First) MICHAEL SORGE	Project Name BEAVER CREEK TWA 2017

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. _____ of _____
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Reason For Sampling

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

Water Temp. (C) 13.0	D.O. (mg/l) 11.22	D.O. (% sat.) 106.3	pH (su) 7.76	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)

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

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): _____
 Sand: 30 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: 20 Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____
 Embeddedness of Substrate at Sample Site (%) 50 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				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			
Bank Erosion				Runoff: - Barnyard			
Channelization: - Upstream				- Construction			
- Downstream				- Cropland			
Hydraulic Scour / Channel Incision				- Urban			
Impoundment: - Upstream				Septic Systems			
- Downstream				Tile Drainage - Organic Soils			
Low Flow				- Mineral Soils			
Sedimentation				Springs			
Sludge				Tributary(s)			
Thermal				Wetland			
Turbidity				Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Kayla Wilcox</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>7%</i>
Date Processed <i>4/28/18</i>	Specimens Saved <i>subsample archived in ABL until Jun 2021</i>	

DI = 224

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis brunneicolar</i>	L	III	3	Kubertanz 2016		
<i>B. intercalaris</i>	L	I	1	"		
<i>B. flavistriga</i> species complex	L	II	2	"		
<i>Hydroptila</i>	L	I	1	Hilsenhoff 1995		
<i>Synclita</i>	L	III	3	Solis 2008		
<i>Nemerochroma</i>	L	I	6	Court, Merr. 2008		
<i>Simulium vittatum</i> species complex 08110217	L	Ø-III	3B	Ander et al 2004		
<i>Simulium</i>	L	I	1	"	imm	Y
Mermithidae	A	-IIII	9	Boinar 2016	imm	
Dugesiiidae	A	x-III	1B	Norena et al 2016		
Leptocoid Naididae w/o hair chaetae	A	I	1	Eisews et al 2008		
Ephelcellidae	A	I	1	Daves 1911	dam	
<i>Nelobdella stagnalis</i>	A	II	2	Klemm 1985		
Psychoda	L	I	1	Hilsenhoff 1995		
<i>Conchapelonia</i>	L	III	3	Crab, Epler 2013		
<i>Parakiefferiella</i>	L	I	5	Ander + 3 2013		
<i>Parametriocnemus</i>	L	-II	7	"		
<i>Rheocricotopus unidentatus</i>	L	I	1	Epler 2001		
<i>Thienemannella</i>	L	I	1	Ander + 3 2013	dam	
<i>Orthocladus (Orthocladus)</i>	L	x-III	19	"		
<i>Cricotopus</i>	L	II	2	"		Y
<i>C. (Cricotopus) bimetus</i> group	L	-III	9	"		
<i>Chironominae</i> 08330000	L	I	1	Craston 2013	not indet	N
<i>Cryptochironomus</i>	L	III	3	Epler et al 2013		
<i>Micropsectra</i>	L	B-III	44	"		
<i>Microtendipes pedellus</i> group	L	III	3	"		
<i>Paratendipes</i> sp. A	L	-IIII	9	Hils. unpubl		
<i>Paratendipes</i>	L	x-III	19	Epler et al 2013		
<i>Phaenopsectra</i>	L	I	1	"	imm	
<i>Polypedium</i>	L	I	1	"	not indet	N
<i>P. (Polypedium) illinoense</i> group	L	III	3	Bolton 2012		
<i>P. (Polypedium) flavum</i>	L	III	3	"		
<i>Rheotendipes</i>	L	ØI	31	Epler et al 2013		
<i>Stictochironomus</i>	L	I	5	"		

<3 taxa, TVAL ≤ 2.0