

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name KROK CREEK		Waterbody ID Code 86700	Sample ID (YYYYMMDD-CY-FD) 20171010-31-06
Sampling Location			Database Key 149675616
SWIMS Station ID 10008203	SWIMS Station Name KROK CREEK - HWY 29		
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) TWIN - DOOR - KEWAUNEE		Watershed Name EAST TWIN RIVER	County KEWAUNEE

Sample and Site Descriptors

Sample Collector (Last Name, First) MARY GANSBERG	Project Name EAST TWIN RIVER TWA 2017
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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) 5	Estimated Area Sampled (m²) 7	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: TWA

Water Temp. (C) 12.0	D.O. (mg/l) 9.5	D.O. (% sat.) 86.6	pH (su) 8.0	Conductivity (umhos/cm) 708	Transparency (cm)
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Water Color <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input checked="" type="checkbox"/> Slow (< 0.15 m/s) <input 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) 0.4	Average Stream Width of reach (m) 8
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 70 Gravel (ladybug to tennisball): _____
 Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: 20 Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 50 **Canopy Cover at Sample Site (%)** 90

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>Macaula Graider</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>7%</i>
Date Processed <i>10/23/17</i>	Specimens Saved <i>Subsample archived in ABL until Dec 2020</i>	

A3-125

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Stenacron interpunctatum</i>	L	III	3	Kubertanz 2016		
<i>Leptophlebia cupida</i>	L	XIII	14	"		
<i>Calopteryx</i>	L	I	1	West, May 1996 imm		
<i>ChesimatoPsyche</i>	L	I	1	Hilsenhoff 1995		
<i>Hydropsyche</i>	L	II	2	"	imm	N
<i>H. betteni</i>	L	II	2	Schm. Hils 1986		
Lepidoptera	L	I	1	Conn. Daly 2008	det?	
Neoplasia	L	II	2	Court, Mess 2008		
Ephydriidae	P	I	1	Mess, Webb 2008		
<i>Gammarus pseudolimnaeus</i>	A	II	2	Holsinger 1972		
Naidinae	A	II	7	Born, Gelb 1991		
Tubificinae w/o capilliform caetae	A	II	2	Klemm 1985		
Split A3 Chironomidae	L	II-III				
<i>Dithocladinae</i> 0830001	P	I	1	Ferr. et al. 2008	dam	SD X N
<i>Corynoneura</i>	P	I	1	"		
<i>Thienemannella</i>	P	I	1	"		
<i>Coachytopia</i>	L	I	1	Conn. Epler 2013		
<i>Thienemannimyia</i> group	L	I	1	"	imm	N
<i>Dithocladinae</i> 0830000	L	I	1	Cranshaw 2013	imm	N
<i>Brillia</i>	L	III	3	Ander. + 3 2013	mt indet/ imm	
<i>Corynoneura</i>	L	I	1	"		N
<i>Parakiefferella</i>	L	I	1	"		
<i>Dithocladius</i> (<i>Orthocladius</i>)	L	I	5	"		
<i>Cricotopus/Orthocladius</i>	L	I	1	Ferr. et al 2008	mt indet	N
<i>Chironominae</i> 0833000	L	-I	6	Cranshaw 2013	mt indet/ imm	N
<i>Ciaodotanytarsus</i>	L	II	7	Epler et al 2013		
<i>Cryptochironomus</i>	L	III	3	"		
<i>Microsectra</i>	L	8-1	46	"		
<i>Microtendipes pedellus</i> group	L	I	1	"		
<i>Paratanytarsus</i>	L	II	2	"	mt indet/ dam	N
<i>P. sp. A</i>	L	III	3	Hilsenhoff unpubl		
<i>P. longistilus</i>	L	II	7	Epler et al 2013		
<i>Paratendipes</i>	L	I	1	"		
<i>Polypedium</i> (<i>Urespedillum</i>)	L	II	2	"	mt indet	N
<i>P. (U.) aviceps</i>	L	II	7	Bolton 2012		
<i>Rhatanytarsus</i>	L	-III	9	Epler et al 2013		

Epler et al 2013

