

Instructions: **Bold** fields must be completed.

Station Summary		
Waterbody Name HULBURT CREEK	Waterbody ID Code 1298500	Sample ID (YYYYMMDD-CY-FD) 2017-0920-57-02
Sampling Location		Database Key 150519200

SWIMS Station ID 10034326	SWIMS Station Name HULBURT CREEK 115M DS OF BIRCHWOOD RD		
Latitude 43.63674	Longitude -89.836586	Lat/Long Determination Method (circle) SWIMS SWDV GPS	
Datum Used if using GPS WGS84 or NAD83		Basin (WMU) LOWER WISCONSIN	Watershed Name DELL CREEK
		County SAUK	

Sample and Site Descriptors	
Sample Collector (Last Name, First) JEAN UNMUTH	Project Name DELL CREEK BMP EVALUATION 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) 4.0	Estimated Area Sampled (m²) 3.0	Number of Samples in Composite 0	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)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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Water Color	Estimated Stream Velocity (m/s)
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<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)

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.30	Average Stream Width of reach (m) 2.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): _____
 Sand: 10 Clay: _____ Silt/Muck: 10 Overhanging Vegetation: 40
 Aquatic Macrophytes: _____ Leaf Snags: 30 Coarse Woody Debris: 10 Other (_____): _____

Embeddedness of Substrate at Sample Site (%) _____ **Canopy Cover at Sample Site (%)** 30

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Justin Kowalski	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 20%
Date Processed 4/8/17	Specimens Saved Subsample archived in ABC until Jul 2021	

Q2 C2 A3 C1 E2
 58 55 48

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Perlodidae	L	1	1	Hilsenhoff 1995	imm	N
Chironella clio	L	1	1	"		
Baetis brunneicolar	L	-III	9	Kubertanz 2016		
Maccaffertium <u>(vitum/vicarium)</u>	L	IIII	4	"	imm	
Paraleptophlebia praepedita	L	X	15	"		
Aeshna interrupta	L	1	1	Need et al. 2000		
Coenagrion maculata	L	1	1	"		
Brachycentrus occidentalis	L	B	45	Hilsenhoff 1995		
Hydropsyche	L	1	1	"	imm	
Lepidostoma	L	-IIII	9	"		
Limnephilus	L	1	1	"		
Platycentropus	L	1	1	"		
Ptilostomis	L	II	2	"		
Hydatophylax argus	L	1	1	"		
Helichus striatus	A	1	1	Hls. Schm. 1992		
Simulium	P	II	2	Ader et al 2004		
Chasyrus	L	IIII	4	Hilsenhoff 1995		
Hydrobivus melaneus	A	II	2	Hilsenhoff 1995		
Tipula	L	II	2	Hilsenhoff 1995		
Limnephys	P	1	1	Fer. et al 2008		
Thienemanniella	P	1	1	"		N
Polypedium	P	1	1	"		N
Gammarus pseudolimnaeus	A	X	2	Nelinger 1972		
Caecidotea racovitzai racovitzai	A	X-III	18	Williams 1972		
Entomebryonophora	A	1	1	Christ. Srid. 2008		
gill A3 Chironomidae	L	-IIII				
Tanyptera	L	IIII	4	Cranston 2013	imm	N
Gonchapelonia	L	II	2	Cran. Epler 2013		
Zavelimyia	L	1	1	"		
Thienemanniella group	L	-1	6	"	imm	Y
Brillia	L	III	3	Ander + S 2013	mt. indet imm	N
B. flavifrons	L	II	2	Epler 2001		
Coenagrion	L	1	1	Ander + S 2013		
Diplocladius	L	III	3	"		
Limnephys	L	II	2	"		N
Parametriocnemus	L	1	1	"		

