

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name UNNAMED	Waterbody ID Code 71400	Sample ID (YYYYMMDD-CY-FD) 20170920-36-03
Sampling Location		Database Key 149675969

SWIMS Station ID 10028943	SWIMS Station Name UNNAMED TRIBATHILLCREST RD		
Latitude 44.196493	Longitude -87.814456	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) MANTOWOC	Watershed Name BRANCH RIVER	County MANTOWOC	

Sample and Site Descriptors	
Sample Collector (Last Name, First) JOSHUA BENES	Project Name EAST DISTRICT FOLLOW UP MONITORING FOR IMPAIRMENT

Sampling Device DECISIONS 2017

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) 3	Estimated Area Sampled (m²)	Number of Samples in Composite	Replicate No. 1 of 1
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Reason For Sampling

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

Water Temp. (C) 19.90	D.O. (mg/l) 10.99	D.O. (% sat.) 121.0	pH (su) 8.31	Conductivity (umhos/cm) 591	Transparency (cm)
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input 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) 0.07	Average Stream Width of reach (m) 2.5
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 70 Gravel (ladybug to tennisball): 20
 Sand: 10 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 (%) 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				Chlorine			
- Filamentous Algae		U		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			
Physical				Runoff: - Barnyard			
Bank Erosion				- Construction			
Channelization: - Upstream				- Cropland			
- Downstream				- Urban			
Hydraulic Scour / Channel Incision				Septic Systems			
Impoundment: - Upstream				Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow		U		Springs			
Sedimentation				Tributary(s)			
Sludge				Wetland			
Thermal				Other - Specify:			
Turbidity							
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 11/3/17	Specimens Saved Subsample archived in dSL until Mar 2021	

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Allopannia	L	I	1	Nilsenhoff 1995		
Baetis 10	L	I	1	Kluberhanz 2016	dam	N
B. flavistriga group species complex	L	-II	7	"		
Stenacron	L	I	1	"	imm	
Hydropsychidae	L	-I	6	Nilsenhoff 1995	imm	N
Cheumatopsyche	L	III	69	"		
Hydropsyche betteni	L	X	10	Schm. & Is. 1986		
Ceratopsyche alhedra	L	-I	6	"		
C. slosserae	L	XIII	13	"		
Chimarra	L	-	5	Nilsenhoff 1995	imm	N
Ch. aterrima	L	-	5	Nilsenhoff 1982		
Psychomyia flavida	L	II	2	Nilsenhoff 1995		
Optiosevus	L	X	15	Nils., Schm. 1992	imm	N
O. fastiditus L, 6 A.1	LA	-II	7	"		
Stenelmis	L	IIII	4	"		N
S. crenata	A	I	1	"		
Ectopsia lechi/nervosa	L	I	1	"		
Nemerodromia	L	III	3	Cand. Kerr 2008		
Ephydriidae	L	II	2			
Atherix variegata	L	II	2	Nilsenhoff 1995		
Simulium jenningsi species group	L	I	1	Ader et al 2004	imm	N
S. fibroplatum	L	I	1	"		
Antocha	L	-	5	Nilsenhoff 1995		
Dicranota	L	-	5	"		
Togata	L	-III	8	"		
Orthocladinae 0830001 C. (Cricatopus)?	P	I	1	Ferr. et al. 2008	dam	N
Chironominae 0830001 Polypedilum?	P	I	1	"	dam	N
Tvetenia	P	I	1	"		
Gammarus pseudolimnaeus	A	II	2	Holsinger 1972		
Caecidotea intermedia	A	X	10	Williams 1972		
Trochidiformes	A	I	1	Thorp,ovich 2016	imm	
Tubificoid Naididae w/o capilliferum chaetae	A	III	3	Ersous et al 2008		
Miltamypus	L	I	1	Cran, Epler 2013		
Theremanniella Theremanniella group	L	I	1	"	imm	
Brillia	L	I	1	Ander. + 3 2013	mt index	
Corynoneura	L	II	2	"		

