

Instructions: Bold fields must be completed.

Station Summary						
Waterbody Name JAMBO CREEK			Waterbody ID Code 84300		Sample ID (YYYYMMDD-CY-FD) 20180925-36-13	
Sampling Location Jambo Creek Road					Database Key 168775446	
SWIMS Station ID 363275		SWIMS Station Name JAMBO CREEK - RD 10 YDS DOWNSTREAM				
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 MANITOWOC	
Sample and Site Descriptors						
Sample Collector (Last Name, First) MARY GANSBERG				Project Name NE LAKESHORE TMDL SUPPLEMENTAL MONITORING		
Sampling Device						
<input checked="" type="checkbox"/> D-Frame Kick Net <input type="checkbox"/> Surber Sampler <input type="checkbox"/> Eckman <input type="checkbox"/> Ponar <input type="checkbox"/> Artificial Substrate <input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____						
Habitat Sampled						
<input checked="" type="checkbox"/> Riffle <input type="checkbox"/> Run <input type="checkbox"/> Pool <input type="checkbox"/> Other <input type="checkbox"/> Shoreline Composite <input type="checkbox"/> Proportionally-Sampled Habitat <input type="checkbox"/> Littoral Zone <input type="checkbox"/> Profundal Zone <input type="checkbox"/> Wetland						
Total Sampling Time (min) 5		Estimated Area Sampled (m²) 9.0		Number of Samples in Composite 1		Replicate No. _____ of _____
Reason For Sampling						
<input type="checkbox"/> Least Impacted Reference <input type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input type="checkbox"/> Trend <input checked="" type="checkbox"/> Other: TMDL						
Water Temp. (C) 15.9	D.O. (mg/l) 7.9	D.O. (% sat.) 80.2	pH (su) 7.8	Conductivity (umhos/cm) 678		Transparency (cm)
Water Color				Estimated Stream Velocity (m/s)		
<input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained				<input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" 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) 0.2		Average Stream Width of reach (m) 6		
Composition of Substrate Sampled (Percent):						
Bedrock: _____		Boulders (basketball or larger): 10		Rubble (tennisball to basketball): 60		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 (%) 80		

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			
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				Springs			
Sedimentation				Tributary(s)			
Sludge				Wetland			
Thermal				Other - Specify:			
Turbidity							
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Kayla Wilcox	Dimick Jeffrey	7%
Date Processed	Specimens Saved	
6/3/18	127	

EI = 127 Subsample archived in ABL until Aug 2022

Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Isoperla signata</i>	L	I	1	Hils 1982		
<i>Taeniopteryx</i>	L	I	1	Hils 1985	imm	
<i>Baetis flavistriga</i> species complex	L	I	1	Klub 2016		
<i>Diphetera hayeni</i>	L	I	1	"		
<i>Leucocysta</i>	L	III	4	"		
<i>Maccaffertium vicarium</i>	L	III	3	"		
<i>Cheumatopsyche</i>	L	III	4	Hils 1985		
<i>Hydropsyche</i>	L	II	2	"	imm	N
<i>H. betteni</i>	L	XVI	12	Schmidt Hils 1986		
<i>Ceratopsyche albedra</i>	L	I	1	"		
<i>C. sparsoides</i> slossonae	L	III	3	"		
<i>Chimarra</i>	L	II	2	Hils 1985	imm	N
<i>Ch. aterrima</i>	L	III	3	Hils 1982		
<i>Psychomyia flavida</i>	L	I	1	Hils 1985		
<i>Optiosevus</i>	L	X-III	18	Hils Schum 1992	imm	N
<i>O. fastiditus</i> L, 3 A, 1	L, A	III	4	"		
<i>Stenelmis</i>	L	I	1	"		
<i>Atherix variegata</i>	L	-I	6	Hils 1985		
<i>Hemerodromia</i>	L	II	2	Court Neir 2008		
Simuliidae	L	I	1	"	imm	
<i>Limonia</i>	L	I	1	Hils 1985		
<i>Parametriocnemus</i>	P	I	1	Ferst et al 2008		
<i>Paratanytarsus</i>	P	I	1	"		N
<i>Gammarus pseudolimnaeus</i>	A	I	1	Hils 1972		
Naididae	A	-III	8	Braunfeld 1981		
Split A2 Chironomidae	L	B-III				
<i>Corynoneura</i>	L	I	1	And + 3 2013		
<i>Parametriocnemus</i>	L	III	4	"		N
<i>Tvetenia bavarica</i> group	L	II	7	Bode 1983		
<i>Nilotanytus</i>	L	II	2	Cran Epl 2013		
<i>Thienemannimyia</i> group	L	III	4	"	imm	
Orthocladinae 0B30000	L	III	4	Cranston 2013		
<i>Eukiefferiella claripennis</i> group	L	I	1	And + 3 2013		
<i>Eu. devonica</i> group	L	II	2	"		
<i>Rhyacotopus robacki</i>	L	I	1	Epler 2001		
<i>Thienemanniella</i>	L	II	2	And + 3 2013	dam/imm	N

