

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name JORDAN CREEK	Waterbody ID Code 80200	Sample ID (YYYYMMDD-CY-FD) 20171006-08-01
Sampling Location		Database Key 149675663

SWIMS Station ID 10021275	SWIMS Station Name JORDAN CREEK ALONG TECUMSEH RD. 800 FEET ABOVE CONFL. WITH PINE CR.		
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	
Basin (WMU) MANITOWOC			County CALUMET
Watershed Name SOUTH BRANCH MANITOWOC RIVER		Datum Used if using GPS WGS84 or NAD83	

Sample and Site Descriptors	
Sample Collector (Last Name, First) MARY GANSBERG	Project Name EAST DISTRICT FOLLOW UP MONITORING FOR IMPAIRED

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 (m²) 4x4	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: followup

Water Temp. (C) 15.0	D.O. (mg/l) 9.5	D.O. (% sat.) 94.0	pH (su) 7.8	Conductivity (umhos/cm) 712	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) 6"	Average Stream Width of reach (m) 4.5
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 70 Gravel (ladybug to tennisball): 30
 Sand: _____ 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 (%)** 40

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	Watershed	Factors that may be influencing Water Resource Integrity	Local	Watershed
Biological			Chemical		
Algae: - Diatoms / Periphyton	U		Chlorine		
- Filamentous Algae	P		Dissolved Oxygen		
- Planktonic Algae	U		Nutrients (P, N...)	P	
Iron Bacteria	N		Toxics: - Inorganic (Metals)		
Macrophytes	N		- Organic (PCBs, pesticides...)		
Slimes			Other - Specify:		
Other - Specify: RCF	U		Sources of Stream Impacts		
			Bank Erosion		
			Point Source - Specify:		
			Pasturing of Livestock		
Physical			Runoff: - Barnyard		
Bank Erosion	N		- Construction		
Channelization: - Upstream	N		- Cropland		
- Downstream	N		- Urban		
Hydraulic Scour / Channel Incision			Septic Systems		
Impoundment: - Upstream	N		Tile Drainage - Organic Soils		
- Downstream	U		- 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 <i>David Hoffmann</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>20%</i>
Date Processed <i>11/15/17</i>	Specimens Saved <i>Subsample archived in ABC until Mar 2021</i>	

B2 72
 B3 27
 55+57
 211

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis flavistriga</i> species complex	L	III	3	Kiebertanz 2016		
<i>Chamaetopsycha</i>	L	XIII	13	Hilsenhoff 1995		
<i>Hydropsyche</i>	L	XIII	14	"	imm	N
<i>H. betteri</i>	L	XXX	21	Schm., Id. 15. 1986		
<i>Antroselmis</i>	L	VI	8	Hilb., Schm. 1992	imm	N
<i>A. fastidius</i>	L	III	8	"		
<i>Stenelmis</i>	L	XII	12	"		N
<i>S. crenata</i>	A	III	3	"		
<i>Nemerochromia</i>	L	I	1	Coart., Merr. 2008		
Muscidae	L	I	1	Hilsenhoff 1995		
<i>Anocha</i>	L	I	1	"		
<i>Limonia</i>	L	I	1	"		
Tricladida	A	XII	12	Kobasa 1991		
Turbidoid Naididae w/ capilliform chaetae	A	XX	30	Erasmus et al 2008		
<i>Sphaerium</i>	A	-	5	Burch 1972		
<i>Nilotanytus</i>	L	I	1	Craney, Epler 2013		
Orthocladinae 0B300000	L	I	1	Cranston 2013	mt indet	N
<i>Eukretterella claripennis</i> group	L	I	1	Ander. + 3 2013		
<i>Ev. devonica</i> group	L	-	5	"		
<i>Parametriocnemus</i>	L	I	1	"		
<i>Thienemannella xena</i>	L	I	1	Bolton 2012		
<i>Tuetenia bavaria</i> group	L	III	4	Bode 1983		
<i>Orthocladus</i>	L	III	3	Ander. + 3 2013	imm	N
<i>O. (Orthocladus)</i>	L	III	4	"		
<i>Cricotopus (Cricotopus) bicinctus</i> group	L	I	1	"		
<i>C. (C.) fremulus</i> group	L	XIII	14	"		
<i>C. (C.) trifascia</i> group	L	I	1	"		
<i>Cryptochironomus</i>	L	I	1	Epler et al 2013		
<i>Micronsectra</i>	L	III	8	"		
<i>Paratanytarsus</i> sp. B	L	III	8	Hilsenhoff unpubl		
<i>Paradendipes</i>	L	II	7	Epler et al 2013		
<i>Polypedilum (Polypedilum) illinoense</i> group	L	I	1	Bolton 2012		
<i>P. (Vesipedilum) flavum</i>	L	80-III	69	"		
<i>Zneotanytarsus</i>	L	II	2	Epler et al 2013		
<i>Stictochironomus</i>	L	I	1	"		
<i>Tanytarsus</i>	L	I	1	"		