

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNDERWOOD CREEK	Waterbody ID Code 16700	Sample ID (YYYYMMDD-CY-FD) 20171012-41-01
Sampling Location		Database Key 149364561

SWIMS Station ID 10037398	SWIMS Station Name UNDERWOOD CREEK 2M DS OF CONCRETE E OF HWY 100 OVERPASS
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Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) MILWAUKEE RIVER	Watershed Name MENOMONEE RIVER	County MILWAUKEE
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Sample and Site Descriptors

Sample Collector (Last Name, First) CRAIG HELKER	Project Name MENOMONEE 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)	Estimated Area Sampled (m²)	Number of Samples in Composite	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C) 14.67	D.O. (mg/l) 11.57	D.O. (% sat.) 114.1	pH (su) 8.14	Conductivity (umhos/cm) 1346	Transparency (cm) 100
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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)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

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

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

Kayla Wilcox B2=56 E3=17 HBI: 27%
 5/8/18 E1=13 Dimick, Leffrey
 C3=39 Subsample archived in ABC until Sept 2021

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis brunneicolar	L	I	1	Klun 2016		
Cheumatopsyche	L	I	1	Hils 1995		
Stenelmis	L	II	2	Hils Schm 1992		
Nemerodromia	L	XII	12	Count Mar 2008		
Muscidae	L	II	2	"		
Simulium vittatum species complex ⁰⁸¹¹⁰²¹⁷	L	I	1	Ader et al 2004		N
Simulium	P	-	5	"		
Polypedilum	P	I	1	Ferr et al 2008		N
Caecidotea	A	-II	7	Will 1972	Imm/imm	
Dugesiiidae	A	III	3	Thorp Lov 2016		
Tubificoid Naididae w/o hairs	A	I	1	Erse et al 2008		
Helobdella stagnalis species complex	A	I	1	Saglam et al 2008		
Physa	A	X-III	19	Thorp Lov 2016		
Sphaerium	A	I	1	Burch 1972		
Spit A3 Chironomidae	L	-II-III				
Thienemannimyia group	L	III	4	Cran Epl 2013	imm	
Chironomus	L	I	1	Epl et al 2013		
Cryptochironomus	L	I	1	"		
Dicrotendipes	L	-III	9	"		
Microtendipes pedellus group	L	-I	6	"		
Paratanytarsus	L	0-II	27	"	mt indet	N
P. sp. B	L	0-II	22	Hils unpubl		
Paratendipes	L	III	3	Epl et al 2013		
Amnospetra obediens	L	I	1	Bolton 2012		
Polypedilum (Tripodura) scalanum group	L	I	1	"		
P. (Uresipedilum) aviceps	L	I	1	"		
P. (U.) flavum	L	II	2	"		
Stictochironomus	L	-I	6	Epl et al 2013		
Tanytarsus	L	II	2	"		

<3 taxa, TVAL ≤ 2.0