

Instructions: Bold fields must be completed.

201910246001
06
JD

Station Summary

Waterbody Name
DITCH #5 / N. Branch Ten Mile

Waterbody ID Code
1384600

Sample ID (YYYYMMDD-CY-FD)
Macroinvertebrate
201910246001

Sampling Location

5 M west of Taft Rd.

Database Key
210950231 287759254

SWIMS Station ID
10009200

SWIMS Station Name
DITCH 5 / N BRANCH 10 MILE CREEK - TAFT RD (SITE 14)

Latitude
44.30224

Longitude
-89.549904

Lat/Long Determination Method (circle)
SWIMS SWDV GPS

Datum Used if using GPS
WGS84 or NAD83

Basin (WMU)
CENTRAL WISCONSIN

Watershed Name
SEVENMILE AND TENMILE CREEKS

County
PORTAGE

Sample and Site Descriptors

Sample Collector (Last Name, First)
MICHAEL MILLER

Project Name
CENTRAL SANDS INFLUENCE OF PESTICIDES ON MACROIN

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)
5

Estimated Area Sampled (m²)
1.5

Number of Samples in Composite
1

Replicate No. _____ of _____

Reason For Sampling

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

Water Temp. (C)
7.9

D.O. (mg/l)
7.76

D.O. (% sat.)
63.5

pH (su)
7.64

Conductivity (umhos/cm)
333.9

Transparency (cm)
122 +

Water Color
☒ Clear ☐ Turbid ☐ Stained

Estimated Stream Velocity (m/s)
☐ Slow (< 0.15 m/s) ☒ Moderate (0.15 m/s - 0.5 m/s) ☐ Fast (> 0.5 m/s)

Measured Velocity
circle units
m/s or f/s

Average Stream Depth of reach (m)
.8

Average Stream Width of reach (m)
3.5

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 10% Gravel (ladybug to tennisball): _____

Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 90%

Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____

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

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	N	
			Point Source - Specify:		
Physical			Pasturing of Livestock		
Bank Erosion	N		Runoff: - Barnyard		
Channelization: - Upstream	P		- Construction		
- Downstream	P		- Cropland	P	
Hydraulic Scour / Channel Incision	N		- Urban		
Impoundment: - Upstream	N		Septic Systems		
- Downstream	N		Tile Drainage - Organic Soils		
Low Flow	N		- Mineral Soils		
Sedimentation	N		Springs		
Sludge	N		Tributary(s)		
Thermal	N		Wetland		
Turbidity	N		Other - Specify:		
Other - Specify:					

Comments

A9. drainage ditch
fine silt under veg.
almost no organisms present

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Katherine McClure	Taxonomist Derrick Jeffrey	Estimated Percent of Sample Sorted 100.0%
Date Processed 3/15/23	Specimens Saved Subsample archived in ABC until Apr 2026	

B393:0 C191:2 A494:4 C292:1 B494:3 C393:1
B394:0 C192:0 A493:2 C293:1 B491:3 C394:1
B391:1 C193:1 A491:1 C294:1 B492:3 C391:1
B392:0 C194:1 A492:1 C291:1 B493:1 C392:1

(99)

Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Curculionidae	A	I	1	McB 2019		
Diptera 0800200 <i>Brachycephala</i>	P	I	2	"		Y
Thienemannella 08304701	P	I	1	"		Y JD
Microsestra 08333601	P	I	1	"		N
Tanytarsus 08336701	P	III	3	"		
Simulium <i>(Swift)</i>	P	I	1	"		N
<i>S. vittatum</i> species complex 08140217	L	B-III	48	Ader et al 2014		
Gammarus pseudolimnensis	A	-III	9	Holsinger 1972		
Hyalella azteca	A	I	1	Soucek et al 2015		
Hydridae	A	II	2	Thorp & Rogers 2016		
Dugesiidae	A	III	3	"		
Physa	A	-	5	"		
Enchytraeidae	A	II	2	"		
Megastili = Metagynophora	A	I	1	"		
Naididae	A	X-II	17	Kath Brin 1989		
Tubificinae (with hairs)	A	I	1	"		Y
Tubificinae (without hairs)	A	0	25	"		Y
Hydrobates	A	-III	8	Peck et al 1990		
Coheria	A	I	1	Peck et al 1990		
Cyclopidae	A	III	3	Thorp & Rogers 2016		
Podocopa	A	X-	35	"		
Split A-Z Chironomidae	L	X-III JD				
Corynozoa	L	II	2	Ader et al 2013		
Tanyptodinae 08270000	L	I	1	"	mt indef	Y
Conchapelapia	L	-III	9	"		
Procladius (Holotanyptus)	L	I	1	"		
Cricotopus (Cricotopus) bicinctus group	L	III	4	"		
Orthocladius (Orthocladius)	L	I	1	"		Y
O-(O-) oliveri	L	I	1	Bolton 2012		
Dicrotendipes	L	II	2	Ader et al 2013		
Microsestra	L	X-III	18	"		

< 3 taxa, TVALS 2.0