

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNT to LK Michigan (Ken Evers)		Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD) 20190930-05-03
Sampling Location 20 m DS Crossing		Database Key 218829983	
SWIMS Station ID 10053240		SWIMS Station Name UNT TO LAKE MICHIGAN 20M DS HURLBUT ROAD	
Latitude 44.5541933	Longitude -88.0432032	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU)		Watershed Name	County Brown

Sample and Site Descriptors

Sample Collector (Last Name, First) ANDREW HUDAK	Project Name FOX RIVER AOC- NON-WADEABLE MACROINVERTEBRATE
---	---

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) 6	Estimated Area Sampled (m ²) 10	Number of Samples in Composite 1	Replicate No. 1 of 1
--------------------------------	--	-------------------------------------	----------------------

Reason For Sampling

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

Water Temp. (C) 16.01	D.O. (mg/l) 2.3	D.O. (% sat.) 23.2	pH (su) 6.8	Conductivity (umhos/cm) 677	Transparency (cm)
--------------------------	--------------------	-----------------------	----------------	--------------------------------	-------------------

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) 1.25	Average Stream Width of reach (m) 14
---	---	---

Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): _____
Sand: 20	Clay: _____	Silt/Muck: 40	Overhanging Vegetation: 10
Aquatic Macrophytes: 10	Leaf Snags: 20	Coarse Woody Debris: _____	Other (____): _____

Embeddedness of Substrate at Sample Site (%) 100	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	U	U	Chlorine	U	U
- Filamentous Algae	U	U	Dissolved Oxygen	U	U
- Planktonic Algae	U	U	Nutrients (P, N...)	U	U
Iron Bacteria	U	U	Toxics: - Inorganic (Metals)	U	U
Macrophytes	U	U	- Organic (PCBs, pesticides...)	U	U
Slimes	U	U	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	N	N
			Point Source - Specify:	N	N
Physical			Pasturing of Livestock	N	N
Bank Erosion	N	N	Runoff: - Barnyard	N	N
Channelization: - Upstream	PH	PH	- Construction	U	U
- Downstream	PH	PH	- Cropland	N	N
Hydraulic Scour / Channel Incision	N	N	- Urban	PH	PH
Impoundment: - Upstream	N	N	Septic Systems	N	N
- Downstream	N	N	Tile Drainage - Organic Soils	N	N
Low Flow	PH	PH	- Mineral Soils	N	N
Sedimentation	N	N	Springs	N	N
Sludge	U	U	Tributary(s)	U	U
Thermal	U	U	Wetland	U	U
Turbidity	U	U	Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Eric Noos	Taxonomist Dimick, Jeffery	Estimated Percent of Sample Sorted 20%
Date Processed 7/11/2020	Specimens Saved subsample archived in ABL until Sept 2023	

B2 E3 B1
50 30 45 = 125

[illegible]