

Black Creek Canal Complex – MDNR Fisheries Survey

Macomb County

04/13/2015

Gear: Boat electrofishing with 2 netters (Direct current, 60 pulses per second, 3.5 amps)

Effort quantity: 3, 10 minute transects

Conductivity: 370 μ S/cm

Weather: Partly cloudy

Water color: light brown

Wave condition: calm

Effort location: Long channel going from the boat launch towards Jefferson Ave.

Cover: woody material and islands

Vegetation: sparse dead vegetation from previous year, cattails

Depth: 1.5 ft – 4 ft

Temp: 45°F

Start: 14:05, 42.581983, -82.80215

End: 14:15, 42.581767, -82.814133

Species	Number	Size range (inches)
Black Crappie	1	9
Bowfin	1	23
Brook Silverside	4	2-3
Golden Shiner	2	4-5
Largemouth Bass	6	11-18
Northern Pike	1	25
Pumpkinseed	1	6
Spotted Sucker	3	12-15

Effort location: North cut into the marsh

Cover: emergent vegetation

Vegetation: sparse dead vegetation from previous year, cattails

Depth: 1.5 ft – 2.5 ft

Temp: 45°F

Start: 13:15, 42.581983, -82.79555

End: 13:25, 42.567733, -82.79725

Species	Number	Size range (inches)
Black Crappie	2	8-9
Black Bullhead	1	12
Common Carp	13	18-33
Largemouth Bass	3	13-15

Effort location: Northwest portion of the accessible marsh

Cover: emergent vegetation

Vegetation: sparse dead vegetation from previous year, cattails

Depth: 1.5 ft – 2 ft

Temp: 45°F

Start: 13:42, 42.56715, -82.79873

End: 13:52, 42.58321, -82.80118

Species	Number	Size range (inches)
Brook Silverside	1	2
Common Carp	10	18-27
Goldfish	2	9-11
Golden Shiner	1	3
Largemouth Bass	1	15
Northern Pike	1	23



HCMA Black Creek Marsh Restoration

Lake St. Clair Metropark,
Harrison Township, MI

0 125 250 500
Feet



Client: Huron-Clinton Metroparks
 Created by: WAD, July 26, 2016, ASTI Project 9171
 Imagery: USGS High Resolution Orthoimagery (September 18, 2011) 0.3m

Figure 3 - Fishery Sampling Transects