

Chippewa Creek, Bramblewood Branch

7/26/2018

River Mile: 0.10

Collection Method: Longline Electrofishing

Drainage Area: 2.3 miles<sup>2</sup>

Collection Distance: 0.15 km

Code	Species	Number	Pollution Tolerance	DELT Anomalies	
				#	Description
43-011	<i>Rhinichthys atratulus</i> Blacknose dace	130	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	159	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	23	--	0	---
	Totals	<u>312</u>		<u>0</u>	

\*DELT anomalies were observed on 0.00 % of the fish collected.  
Index of Biotic Integrity (IBI) = 24 (Poor)

# Chippewa Creek Bramblewood Branch

10/1/2018

River Mile: 0.10

Collection Method: Longline Electrofishing

Drainage Area: 2.3 miles<sup>2</sup>

Collection Distance: 0.15 km

Code	Species	Number	Pollution Tolerance	DELT	
				#	Description
43-011	<i>Rhinichthys atratulus</i> Blacknose dace	87	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	177	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	63	--	0	---
80-022	<i>Etheostoma caeruleum</i> Rainbow darter	1	Moderately Intolerant	0	---
Totals		<u>328</u>		<u>0</u>	

\*DELT anomalies were observed on 0.00 % of the fish collected.  
Index of Biotic Integrity (IBI) = 28 (Fair)

**Chippewa Creek, Ford over creek on Chippewa Drive**

**7/26/2018**

**River Mile: 0.60**

**Collection Method: Longline Electrofishing**

**Drainage Area: 17.4 miles<sup>2</sup>**

**Collection Distance: 0.15 km**

<b>Code</b>	<b>Species</b>	<b>Number</b>	<b>Pollution Tolerance</b>	<b>#</b>	<b>DELT Anomalies Description</b>
40-015	<i>Hypentelium nigricans</i> Northern hog sucker	9	Moderately Intolerant	0	---
40-016	<i>Catostomus commersonii</i> Common white sucker	78	Highly Tolerant	0	---
43-002	<i>Carassius auratus</i> Goldfish	1	Highly Tolerant	0	---
43-011	<i>Rhinichthys atratulus</i> Blacknose dace	24	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	21	Highly Tolerant	0	---
43-025	<i>Notropis chrysocephalus</i> Striped shiner	111	--	0	---
43-034	<i>Notropis stramineus</i> Sand shiner	14	Moderately Intolerant	0	---
43-039	<i>Ericymba buccata</i> Silverjaw minnow	12	--	0	---
43-042	<i>Pimephales promelas</i> Northern fathead minnow	2	Highly Tolerant	0	---
43-043	<i>Pimephales notatus</i> Bluntnose minnow	56	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	148	--	0	---
47-004	<i>Ictalurus natalis</i> Yellow bullhead	3	Highly Tolerant	0	---
77-006	<i>Micropterus salmoides</i> Largemouth bass	2	--	0	---
77-007	<i>Lepomis gulosus</i> Warmouth sunfish	1	--	0	---
77-008	<i>Lepomis cyanellus</i> Green sunfish	13	Highly Tolerant	0	---

# Chippewa Creek, Ford over creek on Chippewa Drive

7/26/2018

River Mile: 0.60

77-009	<i>Lepomis macrochirus</i> Northern bluegill sunfish	8	Moderately Tolerant	0	---
77-013	<i>Lepomis gibbosus</i> Pumpkinseed sunfish	7	Moderately Tolerant	0	---
77-016	<i>HYBRID</i> Green SF X Pumpkinseed	1	--	0	---
80-014	<i>Etheostoma nigrum</i> Johnny darter	21	--	0	---
80-022	<i>Etheostoma caeruleum</i> Rainbow darter	41	Moderately Intolerant	0	---
80-024	<i>Etheostoma flabellare</i> Barred Fantail darter	12	--	0	---
Totals		<u>585</u>		<u>0</u>	

\*DELT anomalies were observed on 0.00 % of the fish collected.  
Index of Biotic Integrity (IBI) = 44 (Good)