

**Chippewa Creek, Bramblewood Branch**  
**7/26/2017**  
**River Mile: 0.10**  
**Collection Method: Longline Electrofishing**  
**Drainage Area: 2.3 miles<sup>2</sup>**  
**Collection Distance: 0.15 km**

<b>Code</b>	<b>Species</b>	<b>Number</b>	<b>Pollution Tolerance</b>	<b>DELT Anomalies #</b>	<b>Description</b>
43-011	<i>Rhinichthys atratulus</i> Western blacknose dace	135	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	40	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	13	--	0	---
Totals		<u>188</u>		<u>0</u>	

\*DELT anomalies were observed on 0.00 % of the fish collected.  
 Index of Biotic Integrity (IBI) = 26 (Poor)

**Chippewa Creek, Bramblewood Branch**  
**8/29/2017**  
**River Mile: 0.10**  
**Collection Method: Longline Electrofishing**  
**Drainage Area: 2.3 miles<sup>2</sup>**  
**Collection Distance: 0.15 km**

<b>Code</b>	<b>Species</b>	<b>Number</b>	<b>Pollution Tolerance</b>	<b>DELT Anomalies #</b>	<b>Description</b>
43-011	<i>Rhinichthys atratulus</i> Western blacknose dace	248	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	37	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	11	--	0	---
80-022	<i>Etheostoma caeruleum</i> Rainbow darter	3	Moderately Intolerant	0	---
Totals		<u>299</u>		<u>0</u>	

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

**Chippewa Creek Downstream of Ford**  
**7/26/2017**  
**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	6	Moderately Intolerant	0	---
40-016	<i>Catostomus commersonii</i> Common white sucker	36	Highly Tolerant	0	---
43-002	<i>Carassius auratus</i> Goldfish	1	Highly Tolerant	0	---
43-011	<i>Rhinichthys atratulus</i> Western blacknose dace	4	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	25	Highly Tolerant	0	---
43-026	<i>Notropis cornutus</i> Common shiner	36	--	0	---
43-034	<i>Notropis stramineus</i> Sand shiner	5	Moderately Intolerant	0	---
43-039	<i>Ericymba buccata</i> Silverjaw minnow	9	--	0	---
43-042	<i>Pimephales promelas</i> Northern fathead minnow	3	Highly Tolerant	0	---
43-043	<i>Pimephales notatus</i> Bluntnose minnow	9	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	71	--	0	---
47-004	<i>Ictalurus natalis</i> Yellow bullhead	4	Highly Tolerant	0	---
77-008	<i>Lepomis cyanellus</i> Green sunfish	28	Highly Tolerant	0	---
77-009	<i>Lepomis macrochirus</i> Northern bluegill sunfish	14	Moderately Tolerant	0	---
77-013	<i>Lepomis gibbosus</i> Pumpkinseed sunfish	10	Moderately Tolerant	0	---

**Chippewa Creek Downstream of Ford**

**7/26/2017**

**River Mile: 0.60**

80-014	<i>Etheostoma nigrum</i> Johnny darter	24	--	0	---
80-022	<i>Etheostoma caeruleum</i> Rainbow darter	37	Moderately Intolerant	0	---
80-024	<i>Etheostoma flabellare</i> Barred Fantail darter	13	--	0	---
43-017	<i>Clinostomus elongatus</i> Redside Dace	2	Intolerant	0	---
	Totals	<u>337</u>		<u>0</u>	

*DELT anomalies were observed on	0.00	% of the fish collected.
Index of Biotic Integrity (IBI) =	48	(Very Good)

**Chippewa Creek Downstream of Ford**  
**8/29/2017**  
**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	15	Moderately Intolerant	0	---
40-016	<i>Catostomus commersonii</i> Common white sucker	85	Highly Tolerant	0	---
43-002	<i>Carassius auratus</i> Goldfish	2	Highly Tolerant	0	---
43-011	<i>Rhinichthys atratulus</i> Western blacknose dace	12	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	52	Highly Tolerant	0	---
43-026	<i>Notropis cornutus</i> Common shiner	145	--	0	---
43-034	<i>Notropis stramineus</i> Sand shiner	10	Moderately Intolerant	0	---
43-039	<i>Ericymba buccata</i> Silverjaw minnow	36	--	0	---
43-043	<i>Pimephales notatus</i> Bluntnose minnow	126	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	312	--	0	---
47-004	<i>Ictalurus natalis</i> Yellow bullhead	10	Highly Tolerant	0	---
77-006	<i>Micropterus salmoides</i> Largemouth bass	7	--	0	---
77-008	<i>Lepomis cyanellus</i> Green sunfish	15	Highly Tolerant	0	---
77-009	<i>Lepomis macrochirus</i> Northern bluegill sunfish	19	Moderately Tolerant	0	---
77-013	<i>Lepomis gibbosus</i> Pumpkinseed sunfish	8	Moderately Tolerant	0	---

**Chippewa Creek Downstream of Ford**

**8/29/2017**

**River Mile: 0.60**

80-014	<i>Etheostoma nigrum</i> Johnny darter	38	--	0	---
80-022	<i>Etheostoma caeruleum</i> Rainbow darter	35	Moderately Intolerant	0	---
80-024	<i>Etheostoma flabellare</i> Barred Fantail darter	14	--	0	---
43-017	<i>Clinostomus elongatus</i> Redside Dace	1	Intolerant	0	---
	Totals	<u>942</u>		<u>0</u>	

*DELT anomalies were observed on	0.00	% of the fish collected.
Index of Biotic Integrity (IBI) =	46	(Very Good)