

West Creek Upstream of Broadview Road

8/25/2014

River Mile: 3.65

Collection Method: Longline Electroshocking

Drainage Area: 6.3 miles²

Collection Distance: 0.15 km

Code	Species	Number	Pollution Tolerance	DELT Anomalies #	Description
40-016	<i>Catostomus commersonii</i> Common white sucker	10	Highly Tolerant	0	---
43-011	<i>Rhinichthys atratulus</i> Western blacknose dace	272	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	136	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	166	--	0	---
Totals		<u>584</u>		<u>0</u>	

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

West Creek Downstream of I-480

8/8/2014

River Mile: 2.10

Collection Method: Longline Electroshocking

Drainage Area: 8.0 miles²

Collection Distance: 0.15 km

Code	Species	Number	Pollution Tolerance	DELT Anomalies #	Description
40-016	<i>Catostomus commersonii</i> Common white sucker	15	Highly Tolerant	0	---
43-002	<i>Carassius auratus</i> Goldfish	1	Highly Tolerant	0	---
43-011	<i>Rhinichthys atratulus</i> Western blacknose dace	273	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	250	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	326	--	0	---
Totals		<u>865</u>		<u>0</u>	

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

West Creek Downstream of Lancaster Bridge

8/8/2014

River Mile: 1.65

Collection Method: Longline Electroshocking

Drainage Area: 8.9 miles²

Collection Distance: 0.15 km

Code	Species	Number	Pollution Tolerance	DELT Anomalies #	Description
40-016	<i>Catostomus commersonii</i> Common white sucker	93	Highly Tolerant	0	---
43-002	<i>Carassius auratus</i> Goldfish	2	Highly Tolerant	0	---
43-011	<i>Rhinichthys atratulus</i> Western blacknose dace	775	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	170	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	3414	--	0	---
77-009	<i>Lepomis macrochirus</i> Northern bluegill sunfish	1	Moderately Tolerant	0	---
Totals		<u>4455</u>		<u>0</u>	

*DELT anomalies were observed on 0.00 % of the fish collected.
Index of Biotic Integrity (IBI) = 32 (Fair)

West Creek Downstream of Granger Road

8/7/2014

River Mile: 0.20

Collection Method: Longline Electroshocking

Drainage Area: 13.2 miles²

Collection Distance: 0.15 km

Code	Species	Number	Pollution Tolerance	DELT Anomalies #	Description
40-016	<i>Catostomus commersonii</i> Common white sucker	51	Highly Tolerant	0	---
43-011	<i>Rhinichthys atratulus</i> Western blacknose dace	27	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	72	Highly Tolerant	0	---
43-025	<i>Notropis chrysocephalus</i> Striped shiner	33	--	0	---
43-034	<i>Notropis stramineus</i> Sand shiner	3	Moderately Intolerant	0	---
43-043	<i>Pimephales notatus</i> Bluntnose minnow	1	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	692	--	0	---
47-004	<i>Ictalurus natalis</i> Yellow bullhead	2	Highly Tolerant	0	---
77-004	<i>Micropterus dolomieu</i> Smallmouth bass	2	Moderately Intolerant	0	---
77-006	<i>Micropterus salmoides</i> Largemouth bass	5	--	0	---
77-008	<i>Lepomis cyanellus</i> Green sunfish	6	Highly Tolerant	0	---
77-009	<i>Lepomis macrochirus</i> Northern bluegill sunfish	3	Moderately Tolerant	0	---
Totals		<u>897</u>		<u>0</u>	

*DELT anomalies were observed on 0.00 % of the fish collected.
 Index of Biotic Integrity (IBI) = 36 (Marginally Good)