

West Creek Upstream of Ridgewood Drive

6/22/2015

River Mile: 5.30

Collection Method: Longline Electrofishing

Drainage Area: 3.8 miles²

Collection Distance: 0.15 km

Code	Species	Number	Pollution Tolerance	DELT Anomalies #	Description
43-011	<i>Rhinichthys atratulus</i> Western blacknose dace	126	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	118	Highly Tolerant	0	---
43-042	<i>Pimephales promelas</i> Northern fathead minnow	7	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	176	--	0	---
47-004	<i>Ictalurus natalis</i> Yellow bullhead	1	Highly Tolerant	0	---
Totals		<u>428</u>		<u>0</u>	

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

West Creek Upstream of Broadview Road

6/22/2015

River Mile: 3.65

Collection Method: Longline Electrofishing

Drainage Area: 6.6 miles²

Collection Distance: 0.15 km

Code	Species	Number	Pollution Tolerance	DELT Anomalies #	Description
40-016	<i>Catostomus commersonii</i> Common white sucker	16	Highly Tolerant	0	---
43-011	<i>Rhinichthys atratulus</i> Western blacknose dace	40	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	195	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	382	--	0	---
Totals		<u>633</u>		<u>0</u>	

*DELT anomalies were observed on 0.00 % of the fish collected.
Index of Biotic Integrity (IBI) = 30 (Fair)

West Creek Downstream of I-480
7/2/2015
River Mile: 2.10
Collection Method: Longline Electrofishing
Drainage Area: 8.7 miles²
Collection Distance: 0.15 km

Code	Species	Number	Pollution Tolerance	DELT Anomalies #	Description
43-011	<i>Rhinichthys atratulus</i> Western blacknose dace	189	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	123	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	266	--	0	---
Totals		<u>578</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 Drive

7/7/2015

River Mile: 1.60

Collection Method: Longline Electrofishing

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	8	Highly Tolerant	0	---
43-011	<i>Rhinichthys atratulus</i> Western blacknose dace	608	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	144	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	1454	--	0	---
Totals		<u>2214</u>		<u>0</u>	

*DELT anomalies were observed on 0.00 % of the fish collected.
Index of Biotic Integrity (IBI) = 30 (Fair)

West Creek Downstream of Granger Road

7/22/2015

River Mile: 0.20

Collection Method: Longline Electrofishing

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	186	Highly Tolerant	0	---
43-002	<i>Carassius auratus</i> Goldfish	1	Highly Tolerant	0	---
43-011	<i>Rhinichthys atratulus</i> Western blacknose dace	10	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	28	Highly Tolerant	0	---
43-025	<i>Notropis chrysocephalus</i> Striped shiner	16	--	0	---
43-032	<i>Cyprinella spiloptera</i> Spotfin shiner	2	--	0	---
43-034	<i>Notropis stramineus</i> Sand shiner	25	Moderately Intolerant	0	---
43-043	<i>Pimephales notatus</i> Bluntnose minnow	6	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	678	--	0	---
77-006	<i>Micropterus salmoides</i> Largemouth bass	3	--	0	---
77-008	<i>Lepomis cyanellus</i> Green sunfish	17	Highly Tolerant	0	---
77-009	<i>Lepomis macrochirus</i> Northern bluegill sunfish	10	Moderately Tolerant	0	---
77-013	<i>Lepomis gibbosus</i> Pumpkinseed sunfish	1	Moderately Tolerant	0	---
Totals		<u>983</u>		<u>0</u>	

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

West Creek Downstream of Granger Road

9/3/2015

River Mile: 0.20

Collection Method: Longline Electrofishing

Drainage Area: 13.2 miles²

Collection Distance: 0.15 km

Code	Species	Number	Pollution Tolerance	DELT Anomalies #	Description
20-003	<i>Dorosoma cepedianum</i> Eastern gizzard shad	2	--	0	---
40-016	<i>Catostomus commersonii</i> Common white sucker	26	Highly Tolerant	0	---
43-011	<i>Rhinichthys atratulus</i> Western blacknose dace	29	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	8	Highly Tolerant	0	---
43-025	<i>Notropis chrysocephalus</i> Striped shiner	7	--	0	---
43-034	<i>Notropis stramineus</i> Sand shiner	22	Moderately Intolerant	0	---
43-042	<i>Pimephales promelas</i> Northern fathead minnow	2	Highly Tolerant	0	---
43-043	<i>Pimephales notatus</i> Bluntnose minnow	13	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	284	--	0	---
47-004	<i>Ictalurus natalis</i> Yellow bullhead	1	Highly Tolerant	0	---
77-008	<i>Lepomis cyanellus</i> Green sunfish	5	Highly Tolerant	0	---
77-009	<i>Lepomis macrochirus</i> Northern bluegill sunfish	1	Moderately Tolerant	0	---
80-015	<i>Etheostoma blenniodes</i> Greenside darter	5	Moderately Intolerant	0	---
80-024	<i>Etheostoma flabellare</i> Barred Fantail darter	1	--	0	---
	Totals	<u>406</u>		<u>0</u>	

*DELT anomalies were observed on 0.00 % of the fish collected.
Index of Biotic Integrity (IBI) = 40 (Good)

West Creek - Unnamed Tributary 4

7/23/2015

River Mile: 0.20

Collection Method: Longline Electrofishing

Drainage Area: 1.6 miles²

Collection Distance: 0.15 km

Code	Species	Number	Pollution Tolerance	DELT Anomalies #	Description
43-011	<i>Rhinichthys atratulus</i> Western blacknose dace	7	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	58	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	11	--	0	---
Totals		<u>76</u>		<u>0</u>	

*DELT anomalies were observed on 0.00 % of the fish collected.
Index of Biotic Integrity (IBI) = 22 (Poor)