



Euclid Creek Upstream of St. Clair Ave Bridge
6/27/2024
River Mile: 1.65
Collection Method: Longline Electrofishing
Drainage Area: 21.8 square miles
0.20 km
IBI Type: Wading

Code	Species	No.	Weight (kg)	Pollution Tolerance	#	DELT Anomalies Description
25-002	<i>Oncorhynchus mykiss</i> Rainbow trout	1	0.0160	--	0	--
40-016	<i>Catostomus commersonii</i> Common white sucker	13	0.1750	Tolerant	0	--
43-011	<i>Rhinichthys atratulus</i> Blacknose dace	326	1.85	Tolerant	0	--
43-013	<i>Semotilus atromaculatus</i> Creek chub	36	0.24	Tolerant	0	--
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	173	0.5140	--	0	--
77-008	<i>Lepomis cyanellus</i> Green sunfish	1	0.0210	Tolerant	0	--
Totals		550	2.8160		0	

*DELT anomalies were observed on = 0 % of the fish collected

Index of Biotic Integrity (IBI) = 26 (Poor)

Modified Index of Well-Being (MIwb) = 4.6 (Poor)

Shannon Diversity Index, no. 0.96

Shannon Diversity Index, wt. 1.03

N = 259.50

B = 0.77



Euclid Creek Upstream of St. Clair Ave Bridge
8/21/2024
River Mile: 1.65
Collection Method: Longline Electrofishing
Drainage Area: 21.8 square miles
0.20 km
IBI Type: Wading

Code	Species	No.	Weight (kg)	Pollution Tolerance	#	DELT Anomalies Description
40-016	<i>Catostomus commersonii</i> Common white sucker	34	0.4640	Tolerant	0	--
43-011	<i>Rhinichthys atratulus</i> Blacknose dace	426	1.16	Tolerant	0	--
43-013	<i>Semotilus atromaculatus</i> Creek chub	95	0.50	Tolerant	0	--
43-042	<i>Pimephales promelas</i> Northern fathead minnow	2	0.0050	Tolerant	0	--
43-043	<i>Pimephales notatus</i> Bluntnose minnow	40	0.0840	Tolerant	0	--
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	180	1	--	0	--
77-009	<i>Lepomis macrochirus</i> Bluegill sunfish	1	0.0040	Moderately Tolerant	0	--
Totals		778	3.2170		0	

*DELT anomalies were observed on = 0 % of the fish collected

Index of Biotic Integrity (IBI) = 26 (Poor)

Modified Index of Well-Being (MIwb) = 5.7 (Poor)

Shannon Diversity Index, no. 1.24

Shannon Diversity Index, wt. 1.41

N = 271.50

B = 1.51



Euclid Creek Downstream of Lake Shore Blvd
7/5/2024
River Mile: 0.55
Collection Method: Longline Electrofishing
Drainage Area: 23.1 square miles
0.20 km
IBI Type: Wading

Code	Species	No.	Weight (kg)	Pollution Tolerance	#	DELT Anomalies Description
25-002	<i>Oncorhynchus mykiss</i> Rainbow trout	1	0.34	--	0	--
40-005	<i>Carpionodes cyprinus</i> Central quillback carpsucker	24	0.0280	--	0	--
40-016	<i>Catostomus commersonii</i> Common white sucker	116	0.94	Tolerant	0	--
43-002	<i>Carassius auratus</i> Goldfish	13	1.08	Tolerant	0	--
43-013	<i>Semotilus atromaculatus</i> Creek chub	121	0.6990	Tolerant	0	--
43-020	<i>Notropis atherinoides</i> Common emerald shiner	36	0.0680	--	0	--
43-035	<i>Notropis volucellus</i> Mimic shiner	3	0.0070	Intolerant	0	--
43-043	<i>Pimephales notatus</i> Bluntnose minnow	32	0.1280	Tolerant	0	--
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	34	0.1360	--	0	--
47-004	<i>Ictalurus natalis</i> Yellow bullhead	37	5.8970	Tolerant	0	--
47-005	<i>Ictalurus nebulosus</i> Brown bullhead	5	1.1020	Tolerant	0	--
77-003	<i>Ambloplites rupestris</i> Northern rockbass	5	0.32	--	0	--
77-006	<i>Micropterus salmoides</i> Largemouth bass	23	0.3730	--	0	--
77-008	<i>Lepomis cyanellus</i> Green sunfish	4	0.06	Tolerant	0	--
77-009	<i>Lepomis macrochirus</i> Bluegill sunfish	9	0.0960	Moderately Tolerant	0	--
77-013	<i>Lepomis gibbosus</i> Pumpkinseed sunfish	34	0.57	Moderately Tolerant	0	--
80-002	<i>Sander vitreus</i> Walleye	1	0.03	--	0	--



Euclid Creek Downstream of Lake Shore Blvd
7/5/2024
River Mile: 0.55
Collection Method: Longline Electrofishing
Drainage Area: 23.1 square miles
0.20 km
IBI Type: Wading

80-003	<i>Perca flavescens</i> Yellow perch	1	0.01	--	0	--
80-011	<i>Percina caprodes</i> Northern logperch darter	4	0.0320	Moderately Intolerant	0	--
87-001	<i>Neogobius melanostomus</i> Round goby	61	0.1830	--	0	--
Totals		564	12.0990		0	

*DELT anomalies were observed on = 0 % of the fish collected

Index of Biotic Integrity (IBI) = 34 (Marginally Good)

Modified Index of Well-Being (MIwb) = 7.5 (Marginally Good)

Shannon Diversity Index, no. 2.39

Shannon Diversity Index, wt. 1.91

N = 261

B = 2.51



Euclid Creek Downstream of Lake Shore Blvd
8/21/2024
River Mile: 0.55
Collection Method: Longline Electrofishing
Drainage Area: 23.1 square miles
0.20 km
IBI Type: Wading

Code	Species	No.	Weight (kg)	Pollution Tolerance	#	DELT Anomalies Description
25-001	<i>Salmo trutta</i> Brown trout	1	1.8140	--	0	--
25-002	<i>Oncorhynchus mykiss</i> Rainbow trout	1	2.2680	--	0	--
40-005	<i>Carpoides cyprinus</i> Central quillback carpsucker	1	0.0030	--	0	--
40-016	<i>Catostomus commersonii</i> Common white sucker	153	0.8170	Tolerant	0	--
43-001	<i>Cyprinus carpio</i> Common carp	1	0.0080	Tolerant	0	--
43-013	<i>Semotilus atromaculatus</i> Creek chub	76	0.7820	Tolerant	0	--
43-034	<i>Notropis stramineus</i> Sand shiner	5	0.0110	Moderately Intolerant	0	--
43-035	<i>Notropis volucellus</i> Mimic shiner	4	0.0050	Intolerant	0	--
43-039	<i>Ericymba buccata</i> Silverjaw minnow	2	0.0040	--	0	--
43-042	<i>Pimephales promelas</i> Northern fathead minnow	1	0.0040	Tolerant	0	--
43-043	<i>Pimephales notatus</i> Bluntnose minnow	61	0.2080	Tolerant	0	--
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	67	0.4250	--	0	--
47-004	<i>Ictalurus natalis</i> Yellow bullhead	2	0.0210	Tolerant	0	--
47-005	<i>Ictalurus nebulosus</i> Brown bullhead	12	2.04	Tolerant	0	--
77-003	<i>Ambloplites rupestris</i> Northern rockbass	1	0.0620	--	0	--
77-004	<i>Micropterus dolomieu</i> Smallmouth bass	4	0.0580	Moderately Intolerant	0	--
77-006	<i>Micropterus salmoides</i> Largemouth bass	19	0.2420	--	2	Lesions



Euclid Creek Downstream of Lake Shore Blvd
8/21/2024
River Mile: 0.55
Collection Method: Longline Electrofishing
Drainage Area: 23.1 square miles
0.20 km
IBI Type: Wading

77-008	<i>Lepomis cyanellus</i> Green sunfish	2	0.10	Tolerant	0	--
77-009	<i>Lepomis macrochirus</i> Bluegill sunfish	15	0.02	Moderately Tolerant	0	--
77-013	<i>Lepomis gibbosus</i> Pumpkinseed sunfish	42	0.8040	Moderately Tolerant	0	--
77-999	<i>HYBRID</i> HYBRID X Sunfish	1	0.0080	--	0	--
80-011	<i>Percina caprodes</i> Northern logperch darter	11	0.1080	Moderately Intolerant	0	--
87-001	<i>Neogobius melanostomus</i> Round goby	30	0.1030	--	0	--
Totals		512	9.9150		2	

*DELT anomalies were observed on = 0.3 % of the fish collected

Index of Biotic Integrity (IBI) = 30 (Fair)

Modified Index of Well-Being (MIwb) = 7.6 (Marginally Good)

Shannon Diversity Index, no. 2.20

Shannon Diversity Index, wt. 2.15

N = 256.50

B = 2.61



Euclid Creek East Branch Tributary at RM 1.55 Upstream of Mayfair Lake

6/20/2024

River Mile: 1.00

Collection Method: Longline Electrofishing

Drainage Area: 0.88 square miles

0.15 km

IBI Type: Headwaters

Code	Species	No.	Pollution Tolerance	DELT Anomalies	
				#	Description
43-013	<i>Semotilus atromaculatus</i> Creek chub	55	Tolerant	0	--
77-008	<i>Lepomis cyanellus</i> Green sunfish	5	Tolerant	0	--
Totals		60		0	

*DELT anomalies were observed on = 0 % of the fish collected

Index of Biotic Integrity (IBI) = 20 (Poor)



Euclid Creek East Branch Tributary at RM 1.55 Upstream of Mayfair Lake

8/21/2024

River Mile: 1.00

Collection Method: Longline Electrofishing

Drainage Area: 0.88 square miles
0.15 km

IBI Type: Headwaters

Code	Species	No.	Pollution Tolerance	DELT Anomalies	
				#	Description
43-013	<i>Semotilus atromaculatus</i> Creek chub	37	Tolerant	0	--
77-008	<i>Lepomis cyanellus</i> Green sunfish	46	Tolerant	0	--
Totals		83		0	

*DELT anomalies were observed on = 0 % of the fish collected

Index of Biotic Integrity (IBI) = 24 (Poor)