

**Euclid Creek Upstream From Highland Road
October 6, 2009**

**Collection Distance: 0.2 km
Collection Method: Longline Electroshocking
Drainage Area: 21.4 miles²
River Mile: 2.7**

<u>Species</u>	<u>Number</u>	<u>Weight (kg)</u>	<u>Pollution Tolerance</u>	<u>#</u>	<u>DELT Anomalies Description</u>
<i>Catostomus commersonii</i> Common white sucker	117	0.436	Highly Tolerant	0	--
<i>Rhinichthys atratulus</i> Western blacknose dace	441	1.151	Highly Tolerant	0	--
<i>Semotilus atromaculatus</i> Creek chub	403	1.104	Highly Tolerant	0	--
<i>Pimephales promelas</i> Northern fathead minnow	12	0.351	Highly Tolerant	0	--
<i>Pimephales notatus</i> Bluntnose minnow	4	0.018	Highly Tolerant	0	--
<i>Campostoma anomalum</i> Central stoneroller minnow	715	2.854	--	0	--
Totals	<u><u>1692</u></u>	<u><u>5.914</u></u>		<u><u>0</u></u>	

*DELT anomalies were observed on 0.00 % of the fish collected.
 Index of Biotic Integrity (IBI) = 26 (Poor)
 Modified Index of Well-Being (MIwb) 6.9 (Fair)
 Shannon Diversity Index, wt. 1.29
 Shannon Diversity Index, no. 1.361
 N 1073
 B 4.281

**Euclid Creek Upstream From St. Clair Avenue
September 22, 2009**

**Collection Distance: 0.2 km
Collection Method: Longline Electroshocking
Drainage Area: 21.8 miles²
River Mile: 1.65**

<u>Species</u>	<u>Number</u>	<u>Weight (kg)</u>	<u>Pollution Tolerance</u>	<u>#</u>	<u>DELT Anomalies Description</u>
<i>Catostomus commersonii</i> Common white sucker	98	1.920	Highly Tolerant	0	--
<i>Rhinichthys atratulus</i> Western blacknose dace	118	0.385	Highly Tolerant	0	--
<i>Semotilus atromaculatus</i> Creek chub	168	1.260	Highly Tolerant	0	--
<i>Pimephales promelas</i> Northern fathead minnow	3	0.026	Highly Tolerant	0	--
<i>Campostoma anomalum</i> Central stoneroller minnow	267	2.150	--	0	--
Totals	<u><u>654</u></u>	<u><u>5.741</u></u>		<u><u>0</u></u>	

*DELT anomalies were observed on 0.00 % of the fish collected.
 Index of Biotic Integrity (IBI) = 24 (Poor)
 Modified Index of Well-Being (MIwb) 6.2 (Fair)
 Shannon Diversity Index, wt. 1.333
 Shannon Diversity Index, no. 1.273
 N 400.5
 B 3.225

**Euclid Creek Downstream From Lakeshore Blvd.
September 22, 2009**

**Collection Distance: 0.2 km
Collection Method: Longline Electroshocking
Drainage Area: 23 miles²
River Mile: 0.55**

<u>Species</u>	<u>Number</u>	<u>Weight (kg)</u>	<u>Pollution Tolerance</u>	<u>#</u>	<u>DELT Anomalies Description</u>
<i>Oncorhynchus mykiss</i> Rainbow trout	6	11.540	--	0	--
<i>Catostomus commersonii</i> Common white sucker	378	8.328	Highly Tolerant	0	--
<i>Notemigonus crysoleucas</i> Golden shiner	8	0.033	Highly Tolerant	0	--
<i>Rhinichthys atratulus</i> Western blacknose dace	12	0.040	Highly Tolerant	0	--
<i>Semotilus atromaculatus</i> Creek chub	369	6.812	Highly Tolerant	2	Lesion & deformed mouth
<i>Notropis atherinoides</i> Common Emerald shiner	12	0.015	--	0	--
<i>Notropis stramineus</i> Sand shiner	9	0.018	Moderately Intolerant	0	--
<i>Notropis volucellus</i> Mimic Shiner	17	0.034	Common Intolerant	0	--
<i>Pimephales promelas</i> Northern fathead minnow	21	0.087	Highly Tolerant	0	--
<i>Pimephales notatus</i> Bluntnose minnow	30	0.150	Highly Tolerant	0	--
<i>Campostoma anomalum</i> Central stoneroller minnow	142	1.760	--	0	--
<i>Ictalurus natalis</i> Yellow bullhead	7	0.600	Highly Tolerant	0	--
<i>Ictalurus nebulosus</i> Brown bullhead	2	0.251	Highly Tolerant	0	--
<i>Ambloplites rupestris</i> Northern rockbass	1	0.080	--	0	--
<i>Micropterus dolomieu</i> Smallmouth bass	1	0.010	Moderately Intolerant	0	--

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<i>Micropterus salmoides</i> Largemouth bass	6	0.100	--	0	--
<i>Lepomis cyanellus</i> Green sunfish	1	0.020	Highly Tolerant	0	--
<i>Lepomis macrochirus</i> Northern bluegill sunfish	1	0.030	Moderately Tolerant	0	--
<i>Lepomis gibbosus</i> Pumpkinseed sunfish	25	0.585	Moderately Tolerant	0	--
<i>Percina caprodes</i> Northern logperch darter	1	0.010	Moderately Intolerant	0	--
<i>Neogobius melanostomus</i> Round goby	34	0.155	--	0	--
Totals	<u>1083</u>	<u>30.658</u>		<u>2</u>	

*DELT anomalies were observed on 0.18 % of the fish collected.
 Index of Biotic Integrity (IBI) = 28 (Fair)
 Modified Index of Well-Being (MIwb) 6.9 (Fair)
 Shannon Diversity Index, wt. 1.747
 Shannon Diversity Index, no. 1.564
 N 322.5
 B 3.963