

Doan Brook Downstream of St. Clair Avenue

6/15/2011

River Mile: 0.75

Collection Method: Longline Electroshocking

Drainage Area: 9.1 miles²

Collection Distance: 0.15 km

<u>Species</u>	<u>Number</u>	<u>Pollution Tolerance</u>	<u>#</u>	<u>DELT Anomalies Description</u>
<i>Carassius auratus</i> Goldfish	8	Highly Tolerant	4	Multiple
<i>Semotilus atromaculatus</i> Creek chub	4	Highly Tolerant	0	--
<i>Ictalurus natalis</i> Yellow bullhead	9	Highly Tolerant	2	Eroded barbels
<i>Ictalurus nebulosus</i> Brown bullhead	4	Highly Tolerant	4	roded barbels & lesior
<i>Lepomis cyanellus</i> Green sunfish	8	Highly Tolerant	0	--
<i>Lepomis macrochirus</i> Northern bluegill sunfish	29	Moderately Tolerant	0	--
<i>Lepomis gibbosus</i> Pumpkinseed sunfish	12	Moderately Tolerant	0	--
<i>HYBRID</i> Bluegill X Pumpkinseed	2	--	0	
<i>HYBRID</i> Green SF X Pumpkinseed	1	--	0	
Totals	<u>77</u>		<u>10</u>	

*DELT anomalies were observed on 13.0 of the fish collected.
Index of Biotic Integrity (IBI) = 26 (Poor)

Doan Brook Downstream of St. Clair Avenue

8/1/2011

River Mile: 0.75

Collection Method: Longline Electroshocking

Drainage Area: 9.1 miles²

Collection Distance: 0.15 km

<u>Species</u>	<u>Number</u>	<u>Pollution Tolerance</u>	<u>#</u>	<u>DELT Anomalies Description</u>
<i>Carassius auratus</i> Goldfish	15	Highly Tolerant	10	Lesions
<i>Semotilus atromaculatus</i> Creek chub	23	Highly Tolerant	0	--
<i>Ictalurus natalis</i> Yellow bullhead	9	Highly Tolerant	2	Eroded barbel & fin
<i>Ictalurus nebulosus</i> Brown bullhead	3	Highly Tolerant	1	Lesion
<i>Lepomis cyanellus</i> Green sunfish	16	Highly Tolerant	0	--
<i>Lepomis macrochirus</i> Northern bluegill sunfish	4	Moderately Tolerant	1	Lesion
<i>Lepomis gibbosus</i> Pumpkinseed sunfish	11	Moderately Tolerant	0	--
Totals	<u>81</u>		<u>14</u>	

*DELT anomalies were observed on 17.3 of the fish collected.
Index of Biotic Integrity (IBI) = 20 (Poor)