

**Doan Brook-North Branch Upstream of Lee Road
09/17/07**

**Collection Distance: 0.15 km
Collection Method: Longline Electroshocking
Drainage Area: 1.2 miles²
River Mile: 6.70**

<u>Species</u>	<u>Number</u>	<u>Weight (kg)</u>	<u>Pollution Tolerance</u>	<u>#</u>	<u>DELT Anomalies Description</u>
<i>Semotilus atromaculatus</i> Creek chub	77	0.720	Highly Tolerant	0	--
<i>Lepomis cyanellus</i> Green sunfish	98	0.260	Highly Tolerant	0	--
Totals	<u>175</u>	<u>0.980</u>		<u>0</u>	

*DELT anomalies were observed or
Index of Biotic Integrity (IBI) = 0.0 of the fish collected.
12 (Very Poor)

**Doan Brook-South Branch Upstream of Attleboro Road
09/17/07**

**Collection Distance: 0.15 km
Collection Method: Longline Electroshocking
Drainage Area: 0.9 miles²
River Mile: 1.40**

<u>Species</u>	<u>Number</u>	<u>Weight (kg)</u>	<u>Pollution Tolerance</u>	<u>#</u>	<u>DELT Anomalies Description</u>
<i>Lepomis cyanellus</i> Green sunfish	640	2.055	Highly Tolerant	1	Lesion
Totals	<u>640</u>	<u>2.055</u>		<u>1</u>	

*DELT anomalies were observed or
Index of Biotic Integrity (IBI) = 0.2 of the fish collected.
12 (Very Poor)

**Doan Brook Downstream of St. Clair Avenue
09/18/07**

**Collection Distance: 0.15 km
Collection Method: Longline Electroshocking
Drainage Area: 9.1 miles²
River Mile: 0.75**

<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	11	0.682	Highly Tolerant	0	--
<i>Carassius auratus</i> Goldfish	7	1.100	Highly Tolerant	2	Body and fin lesion
<i>Ictalurus natalis</i> Yellow bullhead	2	0.135	Highly Tolerant	0	--
<i>Lepomis cyanellus</i> Green sunfish	9	0.194	Highly Tolerant	0	--
<i>Lepomis macrochirus</i> Northern bluegill sunfish	17	0.135	Moderately Tolerant	0	--
<i>Lepomis gibbosus</i> Pumpkinseed sunfish	47	0.500	Moderately Tolerant	0	--
<i>HYBRID</i> Bluegill X Pumpkinseed	7	0.120	--	3	Deformed spine Eroded fins
<i>HYBRID</i> Green SF X Pumpkinseed	2	0.050	--	0	
Totals	<u>102</u>	<u>2.916</u>		<u>5</u>	

*DELT anomalies were observed or
Index of Biotic Integrity (IBI) = 4.9 of the fish collected.
26 (Fair)