

**Mill Creek Upstream of South Miles Road
09/17/07**

**Collection Distance: 0.15 km
Collection Method: Longline Electroshocking
Drainage Area: 3.9 miles²
River Mile: 8.30**

<u>Species</u>	<u>Number</u>	<u>Weight (kg)</u>	<u>Pollution Tolerance</u>	<u>#</u>	<u>DELT Anomalies Description</u>
<i>Rhinichthys atratulus</i> Western blacknose dace	108	0.324	Highly Tolerant	0	--
<i>Semotilus atromaculatus</i> Creek chub	315	1.800	Highly Tolerant	0	--
<i>Pimephales promelas</i> Northern fathead minnow	7	0.040	Highly Tolerant	0	--
<i>Lepomis cyanellus</i> Green sunfish	20	0.510	Highly Tolerant	0	--
<i>Lepomis gibbosus</i> Pumpkinseed sunfish	1	0.030	Moderately Tolerant	0	--
Totals	<u>451</u>	<u>2.704</u>		<u>0</u>	

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

Mill Creek Upstream of Canal Road

09/17/07

Collection Distance: 0.15 km

Collection Method: Longline Electroshocking

Drainage Area: 19.5 miles²

River Mile: 0.12

<u>Species</u>	<u>Number</u>	<u>Weight (kg)</u>	<u>Pollution Tolerance</u>	<u>#</u>	<u>DELT Anomalies Description</u>
<i>Hypentelium nigricans</i> Northern hog sucker	1	0.002	Moderately Intolerant	0	--
<i>Catostomus commersonii</i> Common white sucker	44	0.082	Highly Tolerant	0	--
<i>Rhinichthys atratulus</i> Western blacknose dace	4	0.008	Highly Tolerant	0	--
<i>Semotilus atromaculatus</i> Creek chub	158	0.300	Highly Tolerant	0	--
<i>Notropis cornutus</i> Common shiner	1	0.002	--	0	--
<i>Notropis stramineus</i> Sand shiner	6	0.010	Moderately Intolerant	0	--
<i>Pimephales notatus</i> Bluntnose minnow	6	0.010	Highly Tolerant	0	--
<i>Campostoma anomalum</i> Central stoneroller minnow	245	0.362	--	0	--
<i>Ictalurus natalis</i> Yellow bullhead	3	0.006	Highly Tolerant	0	--
<i>Micropterus salmoides</i> Largemouth bass	3	0.018	--	0	--
<i>Lepomis cyanellus</i> Green sunfish	5	0.050	Highly Tolerant	0	--
<i>Etheostoma blenniodes</i> Greenside darter	1	0.002	Moderately Intolerant	0	--
Totals	<u>477</u>	<u>0.852</u>		<u>0</u>	

*DELT anomalies were observed or Index of Biotic Integrity (IBI) = 0.032 of the fish collected. (Fair)