

Mill Creek Upstream From Canal Road
September 24, 2009

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	6	0.000	Moderately Intolerant	0	--
<i>Catostomus commersonii</i> Common white sucker	71	0.000	Highly Tolerant	0	--
<i>Carassius auratus</i> Goldfish	2	0.000	Highly Tolerant	0	--
<i>Rhinichthys atratulus</i> Western blacknose dace	31	0.000	Highly Tolerant	0	--
<i>Semotilus atromaculatus</i> Creek chub	255	0.000	Highly Tolerant	1	Deformed body
<i>Notropis cornutus</i> Common shiner	11	0.000	--	0	--
<i>Cyprinella spiloptera</i> Spotfin shiner	1	0.000	--	0	--
<i>Notropis stramineus</i> Sand shiner	11	0.000	Moderately Intolerant	0	--
<i>Pimephales notatus</i> Bluntnose minnow	14	0.000	Highly Tolerant	0	--
<i>Campostoma anomalum</i> Central stoneroller minnow	490	0.000	--	0	--
<i>Ictalurus natalis</i> Yellow bullhead	2	0.000	Highly Tolerant	1	Lesion
<i>Etheostoma blenniodes</i> Greenside darter	6	0.000	Moderately Intolerant	0	--
Totals	<u>900</u>	<u>0.000</u>		<u>2</u>	

*DELT anomalies were observed on 0.2 of the fish collected.
Index of Biotic Integrity (IBI) = 36 (Marginally Good)

Mill Creek Upstream From South Miles Road
September 25, 2009

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	329	0.000	Highly Tolerant	0	--
<i>Semotilus atromaculatus</i> Creek chub	570	0.000	Highly Tolerant	0	--
<i>Pimephales promelas</i> Northern fathead minnow	2	0.000	Highly Tolerant	0	--
<i>Lepomis cyanellus</i> Green sunfish	14	0.000	Highly Tolerant	0	--
Totals	<u>915</u>	<u>0.000</u>		<u>0</u>	

*DELT anomalies were observed on 0.0 of the fish collected.
 Index of Biotic Integrity (IBI) = 22 (Poor)