

Dugway Brook Downstream of Lakeshore Boulevard

9/7/2010

River Mile: 0.37

Collection Method: Longline Electroshocking

Drainage Area: 6.2 miles²

Collection Distance: 0.15 km

<u>Species</u>	<u>Number</u>	<u>Pollution Tolerance</u>	<u>#</u>	<u>DELT Anomalies Description</u>
<i>Catostomus commersonii</i> Common white sucker	2	Highly Tolerant	0	--
<i>Cyprinus carpio</i> Common carp	1	Highly Tolerant	0	--
<i>Notemigonus crysoleucas</i> Golden shiner	1	Highly Tolerant	0	--
<i>Notropis atherinoides</i> Common Emerald shiner	184	--	0	--
<i>Notropis stramineus</i> Sand shiner	2	Moderately Intolerant	0	--
<i>Pimephales promelas</i> Northern fathead minnow	7	Highly Tolerant	0	--
<i>Micropterus salmoides</i> Largemouth bass	5	--	0	--
<i>Lepomis macrochirus</i> Northern bluegill sunfish	2	Moderately Tolerant	0	--
<i>Lepomis gibbosus</i> Pumpkinseed sunfish	195	Moderately Tolerant	2	Deformed eye & lesior
<i>Neogobius melanostomus</i> Round goby	10	--	0	--
Totals	<u>409</u>		<u>2</u>	

*DELT anomalies were observed on 0.5 of the fish collected.
Index of Biotic Integrity (IBI) = 38 (Marginally Good)

Dugway Brook Downstream of Lakeshore Boulevard

9/30/2010

River Mile: 0.37

Collection Method: Longline Electroshocking

Drainage Area: 6.2 miles²

Collection Distance: 0.15 km

<u>Species</u>	<u>Number</u>	<u>Pollution Tolerance</u>	<u>DELT Anomalies #</u>	<u>Description</u>
<i>Catostomus commersonii</i> Common white sucker	3	Highly Tolerant	0	--
<i>Cyprinus carpio</i> Common carp	3	Highly Tolerant	0	--
<i>Notemigonus crysoleucas</i> Golden shiner	2	Highly Tolerant	0	--
<i>Pimephales promelas</i> Northern fathead minnow	9	Highly Tolerant	0	--
<i>Micropterus salmoides</i> Largemouth bass	6	--	0	--
<i>Lepomis gibbosus</i> Pumpkinseed sunfish	580	Moderately Tolerant	1	Lesion
<i>Neogobius melanostomus</i> Round goby	1	--	0	--
Totals	<u>604</u>		<u>1</u>	

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

Dugway Brook at Lakeview Cemetary

9/7/2010

River Mile: 2.40

Drainage Area: 2.6 miles²

Collection Distance: 0.15 km

<u>Species</u>	<u>Number</u>	<u>Pollution Tolerance</u>	<u>DELT Anomalies # Description</u>
No fish collected	<u>0</u>		<u>##</u>

*DELT anomalies were observed on #REF! of the fish collected.
Index of Biotic Integrity (IBI) = 12 (Very Poor)

Dugway Brook- West Branch at Lakeview Cemetary

10/1/2010

River Mile: 2.40

Collection Method: Longline Electroshocking

Drainage Area: 2.6 miles²

Collection Distance: 0.15 km

<u>Species</u>	<u>Number</u>	<u>Pollution Tolerance</u>	<u>DELT Anomalies #</u>	<u>Description</u>
<i>Pimephales promelas</i> Northern fathead minnow	1	Highly Tolerant	0	--
Totals	<u>1</u>		<u>0</u>	

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