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

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

Totals 409 2

*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

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

*DELT anomalies were observed on 0.2 of the fish collected.  
Index of Biotic Integrity (IBI) = 36 (Marginally Good)
Dugway Brook at Lakeview Cemetery
9/7/2010
River Mile: 2.40
Drainage Area: 2.6 miles²
Collection Distance: 0.15 km

<table>
<thead>
<tr>
<th>Species</th>
<th>Number</th>
<th>Pollution Tolerance</th>
<th>DELT Anomalies #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>No fish collected</td>
<td>0</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

*DELT anomalies were observed on #REF! of the fish collected.

Index of Biotic Integrity (IBI) = 12 (Very Poor)
Dugway Brook- West Branch at Lakeview Cemetery
10/1/2010
River Mile:  2.40
Collection Method: Longline Electroshocking
Drainage Area:  2.6  miles
Collection Distance:  0.15  km

<table>
<thead>
<tr>
<th>Species</th>
<th>Number</th>
<th>Pollution Tolerance</th>
<th># Anomalies</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Pimephales promelas</em></td>
<td>1</td>
<td>Highly Tolerant</td>
<td>0</td>
<td>--</td>
</tr>
<tr>
<td>Northern fathead minnow</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Totals

Index of Biotic Integrity (IBI) = 12  (Very Poor)

*DELT anomalies were observed on 0.0% of the fish collected.