## Des Moines River Water Quality Network

### Beach Bacteria Monitoring

<table>
<thead>
<tr>
<th>Date</th>
<th>8/12/2014</th>
<th>Event</th>
<th>BO6 Resample</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Status</strong></td>
<td></td>
<td>OGB</td>
<td>SPB</td>
</tr>
<tr>
<td>Time (CST/CDT)</td>
<td></td>
<td>1300</td>
<td></td>
</tr>
<tr>
<td>Air Temp (°F)</td>
<td></td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>Cloud cover (%)</td>
<td></td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Water Temp (°C)</td>
<td></td>
<td>25.4</td>
<td></td>
</tr>
<tr>
<td># of users</td>
<td></td>
<td>14</td>
<td></td>
</tr>
<tr>
<td># of animals</td>
<td></td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>Max Wave Height (in.)</td>
<td></td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Wind speed (mph)</td>
<td></td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>Wind Direction</td>
<td></td>
<td>350</td>
<td></td>
</tr>
<tr>
<td>Trans Tube (cm)</td>
<td></td>
<td>29.1</td>
<td></td>
</tr>
<tr>
<td>48hr rainfall (in.) @ DM or @ RR Dam</td>
<td></td>
<td>0.00</td>
<td>freshly combed, many gulls earlier</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E Coli (#/100ml)</td>
<td></td>
<td>142</td>
<td></td>
</tr>
<tr>
<td><strong>30-day Geomean</strong></td>
<td></td>
<td>92</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**

- The state standard for E. coli in Class A1 (primary contact) waters is a geometric mean of 126 org/100ml or a sample maximum of 235 org/100ml. This is in effect 3/15-11/15.

- Ice samples immediately after collection
- Invert subsample 5 times before adding to composite
- Allow 1in of head space in composite