## Des Moines River Water Quality Network

### Beach Bacteria Monitoring

<table>
<thead>
<tr>
<th>Date</th>
<th>8/5/2009</th>
<th>Event</th>
<th>1442 resample</th>
</tr>
</thead>
</table>

| Status                  | open     |           |               |
| Time (CST/CDT)          | 1215     |           |               |
| Air Temp (°F)           | 74       |           |               |
| Cloud cover (%)         | 100      |           |               |
| Water Temp (°C)         | 26.7     |           |               |
| # of users              | 6        |           |               |
| # of animals            | 0        |           |               |
| Max Wave Height (in.)   | 0        |           |               |
| Wind speed (mph)        | 2        |           |               |
| Wind Direction          | 115      |           |               |
| Trans Tube (cm)         | 39.4     |           |               |
| 48hr rainfall (in.) @ DM| Trace    |           |               |
| Comments                | small cyanobacteria bloom |               |

### Fecal Coliform (#/100ml)

<table>
<thead>
<tr>
<th>Saylorville Reservoir Beaches</th>
<th>Red Rock Reservoir Beaches</th>
</tr>
</thead>
<tbody>
<tr>
<td>OGB</td>
<td>WBB</td>
</tr>
<tr>
<td>SPB</td>
<td>NOB</td>
</tr>
</tbody>
</table>

| Fecal Coliform (#/100ml) | 29  |
| E Coli (#/100ml)        | 29  |

**Comments:**
- BB taken at  
  - f coli 47
- NOB e coli 47
- Fresh seagull feathers and tracks

**Note:** 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