

Des Moines River Water Quality Network
Beach Bacteria Monitoring

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|--------------------------|-------------------------------|---------|----------------------------|------|
| Date | 8/13/2007 | Event | 1399 | |
| | Saylorville Reservoir Beaches | | Red Rock Reservoir Beaches | |
| | OGB | SPB | WBB | NOB |
| Status | open | open | open | open |
| Time (CST/CDT) | 1100 | 1040 | 1550 | 1605 |
| Air Temp (°F) | 75 | 75 | 88 | 90 |
| Cloud cover (%) | 30 | 30 | 10 | 10 |
| Water Temp (°C) | 28.2 | 27.9 | 29.4 | 30.3 |
| # of users | 0 | 0 | 12 | 33 |
| # of animals | ~70 gulls | 8 gulls | 0 | 0 |
| Max Wave Height (in.) | 1 | 2 | 0 | 1 |
| Wind speed (mph) | 5 | 5 | 5 | |
| Wind Direction | SE 120 | SE 130 | SE 135 | |
| Trans Tube (cm) | 26.8 | 24.0 | 20.3 | 28.1 |
| 48hr rainfall (in.) @ DM | 0.54 | 0.54 | 0.54 | 0.54 |
| Comments | | | | |
| Fecal Coliform (#/100ml) | 60 | 20 | 6 | 110 |
| <i>E Coli</i> (#/100ml) | 60 | 17 | 6 | 90 |

| | | | |
|-----------|-------------|--------|-----|
| Comments: | BB taken at | f coli | 130 |
| | NOB | e coli | 110 |

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