

Des Moines River Water Quality Network
Beach Bacteria Monitoring

Date	8/4/2008	Event	1420	
	Saylorville Reservoir Beaches		Red Rock Reservoir Beaches	
	OGB	SPB	WBB	NOB
Status	closed	closed	open	open
Time (CST/CDT)			1515	1555
Air Temp (°F)			95	95
Cloud cover (%)			30	40
Water Temp (°C)			28.5	30.3
# of users			90	17
# of animals			2 gulls	none
Max Wave Height (in.)			2	6
Wind speed (mph)			6	7
Wind Direction			200	230
Trans Tube (cm)			7.8	19.4
48hr rainfall (in.) @ DM			0.30	0.30
Comments				
Fecal Coliform (#/100ml)			120	70
<i>E Coli</i> (#/100ml)			80	67

Comments:	BB taken at	f coli	51
	WBB	e coli	44
<p>An additional beach sample was taken approximately 300 yds east of NOB. The site had very similar conditions (angle to waves and sun, shoreline slope, absense of plants, substrate) to NOB, unlike any potential sites to the west. At the time of sampling, there did not appear to be much evidence of seagull use in the area.</p> <p>Trans tube, temperature and wave/wind action were very similar at this site.</p> <p>Bacteria at this site: f coli 70 e coli 68</p>			

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.