

Des Moines River Water Quality Network
Beach Bacteria Monitoring

Date	8/18/2008	Event	1422	
	Saylorville Reservoir Beaches		Red Rock Reservoir Beaches	
	OGB	SPB	WBB	NOB
Status			open	open
Time (CST/CDT)			1330	1350
Air Temp (°F)			78	80
Cloud cover (%)			25	20
Water Temp (°C)			27.2	29.1
# of users			6	7
# of animals			0	1 killdeer/40+ gulls
Max Wave Height (in.)			2	2
Wind speed (mph)			3	3
Wind Direction			230	245
Trans Tube (cm)			12.4	14.3
48hr rainfall (in.) @ DM				
Comments			moved buoys	moved buoys
Fecal Coliform (#/100ml)			7	93
<i>E Coli</i> (#/100ml)			7	62

Comments:	BB taken at	f coli	4
	WBB	e coli	4

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