

Des Moines River Water Quality Network  
Beach Bacteria Monitoring

Date	6/15/2009	Event	1437	
	Saylorville Reservoir Beaches		Red Rock Reservoir Beaches	
	OGB	SPB	WBB	NOB
Status	Open	Closed	Open	Open
Time (CST/CDT)	1005	945	1515	1540
Air Temp (°F)	60	60	75	80
Cloud cover (%)	100	100	40	25
Water Temp (°C)	20.9	20.3	21.4	21.9
# of users	0	0	8	9
# of animals	0	0	0	0
Max Wave Height (in.)	1	4	0	1
Wind speed (mph)	7	8	3	9
Wind Direction	155	150	225	70
Trans Tube (cm)	>60	38.2	28.7	38.8
48hr rainfall (in.) @ DM	0.02	0.02	0.02	0.02
Comments	backhoe moving sand	signs of use and beach grooming		
Fecal Coliform (#/100ml)	3	11	32	6
<i>E Coli</i> (#/100ml)	3	11	32	6

Comments:	BB taken at	f coli	10
	NOB	e coli	10

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