

Des Moines River Water Quality Network
Beach Bacteria Monitoring

Date	5/18/2009	Event	BO1	
	Saylorville Reservoir Beaches		Red Rock Reservoir Beaches	
	OGB	SPB	WBB	NOB
Status	Closed	Closed	Open	Open
Time (CST/CDT)	900	815	1045	1110
Air Temp (°F)	50	50	55	60
Cloud cover (%)	80	80	35	25
Water Temp (°C)	18.0	14.4	15.5	16.1
# of users	2	0	0	0
# of animals	0	0	0	0
Max Wave Height (in.)	6	12	4	12
Wind speed (mph)	15	17	14	19
Wind Direction	180	165	195	200
Trans Tube (cm)	18.6	10.0	18.0	24.5
48hr rainfall (in.) @ DM	0.00	0.00	0.00	0.00
Comments			some cleaning done	
Fecal Coliform (#/100ml)	11	6	110	16
<i>E Coli</i> (#/100ml)	11	6	100	16

Comments:	BB taken at SPB	f coli 6 e coli 5
-----------	--------------------	----------------------

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