

Des Moines River Water Quality Network
Beach Bacteria Monitoring

Date	5/11/2009		Event	1434	
	Saylorville Reservoir Beaches			Red Rock Reservoir Beaches	
	OGB	SPB	WBB	NOB	
Status	not yet open?	not yet open?	not yet open?	not yet open?	
Time (CST/CDT)	1020	1000	1530	1615	
Air Temp (°F)	50	50	72	72	
Cloud cover (%)	0	0	5	5	
Water Temp (°C)	16.4	16.6	20.4	20.7	
# of users	0	0	0	0	
# of animals	0	0	0	0	
Max Wave Height (in.)	3	2	1	1	
Wind speed (mph)	2	3	2	2	
Wind Direction	240	230	320	280	
Trans Tube (cm)	49.7	49.9	19.2	27.4	
48hr rainfall (in.) @ DM	0.00	0.00	0.00	0.00	
Comments	not groomed; no buoys	not groomed; no buoys	not groomed; no buoys	not groomed; no buoys	
Fecal Coliform (#/100ml)	1	2	24	4	
<i>E Coli</i> (#/100ml)	1	2	24	4	

Comments:	BB taken at	f coli	13
	WBB	e coli	13

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