

Des Moines River Water Quality Network
Beach Bacteria Monitoring

Date	5/26/2009	Event	1435	
	Saylorville Reservoir Beaches		Red Rock Reservoir Beaches	
	OGB	SPB	WBB	NOB
Status	Closed	Closed	Open, buoys out	Open, buoys out
Time (CST/CDT)	950	930	1500	1530
Air Temp (°F)	57	57	60	60
Cloud cover (%)	100	100	100	100
Water Temp (°C)	20.3	20.1	20.3	19.3
# of users	0	0	0	0
# of animals	5	6	0	0
Max Wave Height (in.)	1	0	0	0
Wind speed (mph)	5	3	4	1
Wind Direction	55	60	20	35
Trans Tube (cm)	56.2	46.8	24.8	46.3
48hr rainfall (in.) @ DM	1.23	1.23	1.23	1.23
Comments	signs of use from weekend	signs of use from weekend	signs of use from weekend	signs of use from weekend
Fecal Coliform (#/100ml)	2	26	13	3
<i>E Coli</i> (#/100ml)	2	26	13	3

Comments:	BB taken at	f coli	20
	SPB	e coli	20

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