

Des Moines River Water Quality Network  
Beach Bacteria Monitoring

Date	7/6/2009	Event	1439	
	Saylorville Reservoir Beaches		Red Rock Reservoir Beaches	
	OGB	SPB	WBB	NOB
Status	open	open	open	open
Time (CST/CDT)	1005	945	1450	1520
Air Temp (°F)	82	82	92	92
Cloud cover (%)	20	25	25	25
Water Temp (°C)	24.6	24.3	28.3	28.2
# of users	2 non-swimmers	0	126	47
# of animals	0	0	2 dogs	0
Max Wave Height (in.)	2	1	2	2
Wind speed (mph)	1	2	4	5
Wind Direction	280 W	270 W	315 NW	265 W
Trans Tube (cm)	> 60	47.5	10.3	19.4
48hr rainfall (in.) @ DM	0.83 on July 4	0.83 on July 4	0.83 on July 4	0.83 on July 4
Comments	Tractor grooming beach			
Fecal Coliform (#/100ml)	3	6	120	20
E Coli (#/100ml)	3	6	120	18
30-day Geomean	39	67	58	18

Comments:	BB taken at	f coli	1
	SPB	e coli	1

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