

Des Moines River Water Quality Network
Beach Bacteria Monitoring

Date	7/13/2009	Event	BO4	
	Saylorville Reservoir Beaches		Red Rock Reservoir Beaches	
	OGB	SPB	WBB	NOB
Status	Open	Open	Open	Open
Time (CST/CDT)	925	850	1120	1200
Air Temp (°F)	75	70	80	85
Cloud cover (%)	80	90	50	50
Water Temp (°C)	24.8	24.5	25	25.5
# of users	0	0	14	15
# of animals	0	0	0	0
Max Wave Height (in.)	0	1	1	1
Wind speed (mph)	2	2	2	3
Wind Direction	85	165	360	120
Trans Tube (cm)	>60.0	>60.0	19.8	32.2
48hr rainfall (in.) @ DM	0.08	0.08	0.08	0.08
Comments				lots of small debris on beach
Fecal Coliform (#/100ml)	13	3	23	23
E Coli (#/100ml)	13	3	23	23
30-day Geomean	52	51	48	23

Comments:	BB taken at	f coli	24
	NOB	e coli	24

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