

Des Moines River Water Quality Network
Beach Bacteria Monitoring

Date	6/22/2009	Event	BO3	
	Saylorville Reservoir Beaches		Red Rock Reservoir Beaches	
	OGB	SPB	WBB	NOB
Status	Open	Open	Open	Open
Time (CST/CDT)	910	830	1020	1045
Air Temp (°F)	80	78	85	88
Cloud cover (%)	20	10	35	40
Water Temp (°C)	20.2	20.2	21.2	21
# of users	0	2 non-swimmers	2	11
# of animals	0	1 turkey vulture	0	1 dog
Max Wave Height (in.)	4	1	1	0
Wind speed (mph)	2	2	1	0
Wind Direction	290	280	310	calm
Trans Tube (cm)	>60.0	>60.0	23.4	>60.0
48hr rainfall (in.) @ DM	0.10	0.10	0.10	0.10
Comments	floating algal bloom		debris from recent heavy rains	small debris from recent rains
Fecal Coliform (#/100ml)	1200	>600	140	93
<i>E Coli</i> (#/100ml)	1200	>600	140	93

Comments:	BB taken at	f coli	>600
	SPB	e coli	>600
Saylorville 2.5 feet higher than last week. Red Rock 7 feet higher.			

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