

Des Moines River Water Quality Network
Beach Bacteria Monitoring

Date	9/8/2008	Event	BO6	
	Saylorville Reservoir Beaches		Red Rock Reservoir Beaches	
	OGB	SPB	WBB	NOB
Status			Open	Open
Time (CST/CDT)			1030	1115
Air Temp (°F)			55	60
Cloud cover (%)			5	0
Water Temp (°C)			23.9	24.4
# of users			0	0
# of animals			6 killdeer	2 herons
Max Wave Height (in.)			0	1
Wind speed (mph)			2	3
Wind Direction			280	270
Trans Tube (cm)			16.2	27.2
48hr rainfall (in.) @ DM			0.38	0.38
Comments			~ 200 seagulls on nearby island	very few seagull feathers
Fecal Coliform (#/100ml)			20	77
<i>E Coli</i> (#/100ml)			20	70

Comments:	BB taken at	f coli	110
	NOB	e coli	60

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