

Des Moines River Water Quality Network
Beach Bacteria Monitoring

Date	8/29/2006	Event	BO5	
	Saylorville Reservoir Beaches		Red Rock Reservoir Beaches	
	OGB	SPB	WBB	NOB
Status	open	open	Posted	open
Time (CST/CDT)	910	845	1030	1100
Air Temp (°F)	64	64	65	66
Cloud cover (%)	100	100	100	100
Water Temp (°C)	24.2	24	24.2	25.4
# of users	0	0	0	0
# of animals	250+ gulls	12 pelicans	200+ gulls	100+ gulls
Max Wave Height (in.)	6	1	1	4
Wind speed (mph)	6	6	2	6
Wind Direction	NW	NW	NW	WNW
Trans Tube (cm)	56.8	51.6	32.8	58.9
48hr rainfall (in.) @ DM	0.88	0.88	0.88	0.88
Comments	bird feathers and feces	bird feathers and feces	bird feathers / feces; rill erosion	bird feathers / feces; rill erosion
Fecal Coliform (#/100ml)	67	1090	620	460
<i>E Coli</i> (#/100ml)	60	860	440	380

Comments:

"BB" duplicate was taken at SPB Fecal: 1,540 E. Coli: 1,180

Ice samples immediately after collection
Invert subsample 5 times before adding to composite
Allow 1in of head space in composite

