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## BROWARD COUNTY RECREATIONAL WATER QUALITY

### WEEK OF **September 14, 2009**

The Broward County Health Department conducts an ongoing recreational beach water sampling program on a weekly basis. The purpose of this program is to determine the levels of *Fecal coliform* and *Enterococci sp* bacteria, the presence of which are considered indicators of potentially unhealthy recreational beach water conditions. These bacteria are associated with swimming-related gastroenteritis. One sample is taken at each site.

Testing Site	Location	Fecal Count	Enterococci Count	Enterococci Geo. Mean	Water Quality
Deerfield Beach	Pier	22	2	3.89	satisfactory
SE 10 <sup>th</sup> Street,	Deerfield Bch.	120	1	2.64	satisfactory
NE 16 St., Pompano	at A1A	152	24	6.94	satisfactory
Pompano Beach	Pier	66	2	2.30	satisfactory
Commercial Blvd.	Pier	52	1	2.30	satisfactory
Oakland Park Blvd.	at A1A	4	1	1.32	satisfactory
Birch State Park	at A1A	44	1	2.49	satisfactory
Sebastian Street	at A1A	20	1	1.52	satisfactory
Bahia Mar	at A1A	40	1	1.64	satisfactory
John Lloyd State Park	at lifeguard	10	1	1.00	satisfactory
Dania Beach	Pier	32	2	3.48	satisfactory
Custer Street	at A1A	52	6	2.17	satisfactory
Minnesota Street	at A1A	58	14	6.40	satisfactory
Harrison Street	at A1A	74	12	2.86	satisfactory
Hallandale Bch Blvd.	at A1A	62	10	2.40	satisfactory

Explanation of water quality:

**SATISFACTORY** = 0-399 fecal coliform **AND** = 0-104 *Enterococci* **AND** 0-35 *Enterococci* geometric mean per 100 ml of marine water.

**UNSATISFACTORY**=>400 fecal coliform **OR** =>105 *Enterococci* per 100 ml of marine water for initial sample.

**WARNING**= >400 fecal coliform per 100 ml of marine water for confirmation sample.

**ADVISORY**=>105 *Enterococci* per 100 ml of marine water for confirmation sample **OR** => 36 *Enterococci* geometric mean.

For additional information, please contact Timothy Mayer at the Broward County Health Department, (954) 467-4854.