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### Okaloosa County Saltwater Beach Monitoring Results For May 21, 2012

The Okaloosa County Health Department conducts weekly saltwater beach water quality monitoring at 12 sites through the Healthy Beaches Monitoring Program. The water samples are analyzed for enteric bacteria (both fecal coliform and enterococci), that normally inhabit the intestinal tract of humans and animals and which may cause human disease, infections, or rashes. The presence of enteric bacteria is an indication of fecal pollution, which may come from stormwater runoff, pets and wildlife, and human sewage. The purpose of the Healthy Beaches Monitoring Program is to determine whether Florida has significant beach water quality problems.

Site	Name	City	Fecal Coliform	Water Quality	Enterococci	Water Quality	Enterococci Geometric Mean	Water Quality
SP-1	<a href="#">Liza Jackson Park</a>	Ft. Walton Beach	4	Good	4	Good	18.57	Good
SP-2	<a href="#">Garniers Park</a>	Ft. Walton Beach	4	Good	8	Good	27.36	Good
SP-3	<a href="#">Marler Park</a>	Okaloosa Island	4	Good	4	Good	5.52	Good
SP-4	<a href="#">Wayside Park</a>	Okaloosa Island	28	Good	8	Good	17.91	Good
SP-5	<a href="#">Poquito Park</a>	Shalimar	4	Good	12	Good	19.05	Good
SP-6	<a href="#">Gulf Islands National Seashore</a>	Okaloosa Island	4	Good	4	Good	12.96	Good
SP-7	<a href="#">East Pass</a>	Okaloosa Island	8	Good	4	Good	18.19	Good
SP-8	<a href="#">Lincoln Park</a>	Valparaiso	4	Good	40	Moderate	35.41	Good
SP-9	<a href="#">Henderson Park Beach</a>	Destin	4	Good	4	Good	7.79	Good
SP-10	<a href="#">Fred Gannon Rocky Bayou State Park</a>	Niceville	12	Good	32	Good	39.13	Poor
SP-11	<a href="#">James Lee Park</a>	Destin	16	Good	60	Moderate	10.42	Good
SP-12	<a href="#">Camp Timpochee</a>	Niceville	4	Good	4	Good	13.11	Good

Water quality classifications are based upon:

1. Florida's Department of Environmental Protections (FDEP) adopted Criteria for Surface Water Quality Classifications (Chapter 62-302.530, Florida Administrative Code), which establishes a fecal coliform standard greater than or equal to 400 colony forming units per 100 milliliters for 10% of the samples, and
2. United States Environmental Protection Agency's (EPA's) recommended standard for enterococci of greater than or equal to 104 colony forming units per 100 milliliters of marine water, or a geometric mean of the five most current weekly samples of greater than 35 colony forming units per 100 milliliters of marine water.

An advisory has been issued for **Rocky Bayou State Park** of Niceville based on the geometric mean standard recommended by the EPA. This should be considered a potential health risk to the bathing public.

Bacteria counts often come back high during or after a rainfall event. If you have any questions, please contact the Okaloosa County Health Department at (850) 833-9247 or (850) 689-7859, or visit the Department of Health's Internet Beach Water Quality website, [www.doh.state.fl.us](http://www.doh.state.fl.us), click on "Floridians and Visitors" - under "Food, Water, Air, Land" choose "Beach Water Quality." You can also visit [www.HealthyOkaloosa.com](http://www.HealthyOkaloosa.com), and click the "Healthy Beaches" link to be taken to a list of the Okaloosa County "Healthy Beaches" sites and maps.

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