

## FLORIDA

With its year-round swim season and more than 1,000 miles of coastal beach, Florida has by far the most coastal swimmers in the nation.<sup>1</sup> The state has 634 public coastal beaches stretching along the Atlantic and Gulf coastline. The Florida Department of Health (FDOH) administers the state's beach monitoring and notification program. Monitoring and advisory/warning issuance are conducted by Florida's county health departments, which are agents and employees of the FDOH. Local health departments in 34 of the state's 35 coastal counties (Jefferson County has no accessible beaches) monitor an average of nine sites each, so that nearly half of the beaches in the state are monitored. The peak monitoring season is from April to mid-September.

**For Tier 1 beaches only, the percent of samples exceeding the standard decreased to 6 percent in 2006 from 8 percent in 2005.**

Florida's Big Bend area had the highest beach advisory rate in 2006, probably due to a combination of poor water circulation with silty, organic-laden bottom soils and multiple streams draining many square miles of natural woodlands, silviculture, and farmlands.<sup>2</sup> Generally, drought conditions impacted the beach program in 2006, with statewide precipitation at 80 percent of normal, but the year did see two tropical storms come ashore. On June 13, rain from Alberto flooded the cities of Perry and Homosassa Springs. On August 30, heavy rainfall from Ernesto affected Collier County along with many other counties in south Florida.

Shired Island, which is perhaps incorrectly classified as a beach, has ongoing high bacteria counts. This site is in a remote area of Dixie County, six miles from the nearest municipality by sea and two miles from any private residences. It is adjacent to a National Wildlife Refuge and has a small county park with facilities. With its low wave action and shallow mucky water, this site can be best described as a saltwater marsh or estuary. The Dixie County Soil and Water Conservation District has expressed an interest in researching the high bacteria counts at the site and has paid for limited initial source tracking that indicated there was no human component to the enterococcus counts at the beach. Further funding is being sought from the Suwannee River Water Management District to upgrade the facilities at the site and conduct further source tracking.

Beach warnings are issued in Florida when fecal coliform levels exceed standards and advisories are issued when enterococcus levels exceed standards. As far as the beachgoing public goes, these are identical, so NRDC refers to both warnings and advisories as advisories. There is no statutory authority for closing beaches.

The Florida Healthy Beaches Program received a \$528,410 federal BEACH Act grant in 2006, along with an allocation of \$525,000 in recurring general revenue from the state. Florida is eligible for a \$534,700 BEACH Act grant in 2007. Tourism in Florida contributes about \$62 billion to the state's economy and generates 948,700 related jobs.

## Standards

**Indicator Organisms:** *Enterococcus*, fecal coliform

**Standards:** Florida uses the EPA standards for *Enterococcus* of a single-sample maximum of 104 cfu/100 ml and a geometric mean of 35 cfu/100 ml, as well as a fecal coliform single-sample standard of 400 cfu/100 ml, to determine the health safety of beachwater. In most coastal counties, officials issue an advisory if any one of the three standards is exceeded. The fecal coliform standard has been adopted by the Florida Department of Environmental Protection in state rule, and the FDOH is given the authority to monitor and advise about the health impacts of swimming at beaches under state statute.<sup>2</sup>

Pinellas County has a preemptive rainfall standard for two saltwater beaches: Maximo and North Shore. Maximo Beach's standard is 0.8 inch within a 24-hour period, while North Shore Beach's standard is one inch within a 24-hour period. Okaloosa County has a preemptive rain standard for freshwater beaches that is in effect only when there is hard rain for eight hours or more than four inches of rain falls within two days. Martin County has a preemptive standard based on turbidity, and Monroe County also issues preemptive rainfall advisories. Most counties will warn against swimming after a sewage spill until sampling results are satisfactory. After a hurricane or tropical storm comes ashore, precautionary advisories are issued.

## Monitoring

**Frequency:** Since August 2002, 307 sites in 34 coastal counties have been monitored once a week. However, it may not have been the same 307 sites at all times. In 2006, the 307 monitored beaches represented 576 miles of coastline.

Beaches are prioritized for monitoring on a county-by-county basis. Criteria are population served, pollution potential, and rainfall. While this ensures that the most critical beaches in each county are monitored, there are a wide variety of beach characteristics in Florida, and beaches chosen for monitoring in one county may not be as important as beaches in another county. Florida is currently working on implementing a statewide program for prioritizing its beaches, so that the most important beaches in the state are monitored.

**Practice:** Samples are collected in water that is approximately 18 inches deep, usually in the morning. Lab analysis takes a minimum of 24 hours to complete, and with transport and reporting, county health departments usually receive results about 30 hours after samples are collected. Most sampling is conducted on Mondays, Tuesdays, and Wednesdays, with some resampling done on Thursdays.

**Results:** For the second consecutive year, NRDC looked at the percent of monitoring samples that exceeded Florida's daily maximum bacterial standards. For Tier 1 beaches only, the percent of samples exceeding the standard decreased to 6 percent in 2006 from 8 percent in 2005.

In 2006, the Tier 1 beaches with the highest percent exceedances were Cedar Island in Taylor County (89%) followed by Shired Island in Dixie County (85%); Dekle Beach (70%), Keaton Beach (68%), and Hagen's Cove in Taylor County (64%); Navy Point-Bayou Grande (61%), Bayview Park (55%), and Bayou Chico in Escambia County (52%); Carrabelle Beach in Franklin County (49%); Mash Island in Wakulla County (48%).

Forty-two percent of all monitored beaches did not exceed the standard for any sample taken in 2006. Brevard, Flagler, Indian River, St Lucie, and Hernando Counties had the highest percentage of beaches with no exceedances (100%), followed by Volusia (80%), Walton (75%), and Collier (71%). The table below lists the tier status, monitoring frequency, and percent of samples exceeding the standard for all beaches reported in 2006. Beaches are grouped by county and ranked in descending order by percent exceedance.

2006 Monitoring Frequency and Results by Beach					
County	Beach	Tier	Monitoring Frequency	Total Samples	Percent Exceedance
Bay	Beckrich Road (Edgewater Gulf Beach)	1	1/wk	52	21%
Bay	Carl Gray Park	1	1/wk	52	21%
Bay	Beach Drive	1	1/wk	52	13%
Bay	Laguna Beach	1	1/wk	52	10%
Bay	Dupont Bridge	1	1/wk	52	8%
Bay	Bid-A-Wee Beach	1	1/wk	52	6%
Bay	Delwood Beach	1	1/wk	52	6%
Bay	Spy Glass Drive (Biltmore Beach)	1	1/wk	52	4%
Bay	Sunset Park	1	1/wk	52	4%
Bay	East County Line (Mexico Beach)	1	1/wk	52	2%
Bay	Panama City Beach Pier (Edgewater Beach)	1	1/wk	52	2%
Bay	Seltzer Park (Silver Sands Beach)	1	1/wk	52	2%
Bay	West County Line (Carrilon Beach)		1/wk	52	0%
Brevard	Canaveral National Seashore/Playalinda Beach		1/wk	41	0%
Brevard	Cocoa Beach Minuteman Causeway		1/wk	51	0%
Brevard	Cocoa Beach Pier		1/wk	51	0%

Testing the Waters 2007

County	Beach	Tier	Monitoring Frequency	Total Samples	Percent Exceedance
Brevard	Indialantic Boardwalk		1/wk	51	0%
Brevard	Jetty Park (Cape Canaveral)		1/wk	51	0%
Brevard	Paradise Beach		1/wk	51	0%
Brevard	Patrick Air Force Base (Pafb) North		1/wk	51	0%
Brevard	Pelican Beach Park		1/wk	51	0%
Brevard	Sebastian Inlet North		1/wk	51	0%
Brevard	Spessard Holland Beach Park (North)		1/wk	51	0%
Broward	John Lloyd State Park	1	1/wk	54	6%
Broward	Pompano Beach		1/wk	55	5%
Broward	Harrison Street		1/wk	54	4%
Broward	Commercial Blvd		1/wk	53	2%
Broward	Hallandale Beach Blvd		1/wk	53	2%
Broward	Oakland Park Boulevard		1/wk	53	2%
Broward	Bahia Mar		1/wk	52	0%
Broward	Birch State Park		1/wk	52	0%
Broward	Custer Street		1/wk	52	0%
Broward	Dania Beach		1/wk	52	0%
Broward	Deerfield Beach		1/wk	52	0%
Broward	Deerfield Beach Se 10th Street		1/wk	52	0%
Broward	Minnesota Street		1/wk	52	0%
Broward	Ne 16 Street, Pompano		1/wk	52	0%
Broward	Sebastian Street		1/wk	52	0%
Charlotte	Port Charlotte Beach West	1	1/wk	56	25%
Charlotte	Englewood North	1	1/wk	54	9%
Charlotte	Port Charlotte Beach East	1	1/wk	54	9%
Charlotte	Palm Island North	1	1/wk	54	7%
Charlotte	Palm Island South	1	1/wk	54	7%
Charlotte	Englewood South		1/wk	52	6%
Charlotte	Englewood Mid Beach	1	1/wk	53	6%
Charlotte	Boca Grande		1/wk	51	2%
Citrus	Fort Island Gulf Beach	1	1/wk	52	2%
Collier	Doctor's Pass		1/wk	53	2%
Collier	Horizon Way Beach (Aka Parkshore Beach)		1/wk	53	2%
Collier	South Marco Beach		1/wk	53	2%
Collier	Vanderbilt Beach		1/wk	53	2%
Collier	Barefoot Beach State Reserve		1/wk	52	0%
Collier	Central Avenue		1/wk	52	0%
Collier	Clam Pass		1/wk	52	0%
Collier	Denor-Wiggins State Recreation Area		1/wk	52	0%
Collier	Hideaway Beach		1/wk	52	0%
Collier	Lowdermilk Park		1/wk	52	0%

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County	Beach	Tier	Monitoring Frequency	Total Samples	Percent Exceedance
Collier	Naples Pier		1/wk	52	0%
Collier	Pelican Bay Restaurant And Club		1/wk	52	0%
Collier	Residence Beach		1/wk	52	0%
Collier	Tigertail Beach		1/wk	52	0%
Dixie	Shired Island	1	1/wk	34	85%
Duval	Hopkins Street Access	1	1/wk	53	4%
Duval	15th Street Access		1/wk	52	2%
Duval	30th Avenue Access		1/wk	53	2%
Duval	Atlantic Blvd Access		1/wk	53	2%
Duval	Beach Blvd Access		1/wk	53	2%
Duval	19th Street Access		1/wk	51	0%
Duval	Hanna Park		1/wk	52	0%
Duval	Huguenot Park		1/wk	52	0%
Duval	North Little Talbot Island		1/wk	52	0%
Duval	South Little Talbot Island		1/wk	52	0%
Escambia	Navy Point (Bayou Grande)	1	1/wk	51	61%
Escambia	Bayview Park	1	1/wk	53	55%
Escambia	Bayou Chico	1	1/wk	52	52%
Escambia	Sanders Beach	1	1/wk	41	12%
Escambia	Quietwater Beach (Santa Rosa Sound)	1	1/wk	57	11%
Escambia	Perdido Key State Park		1/wk	52	2%
Escambia	County Park West		1/wk	53	2%
Escambia	Big Lagoon State Park		1/wk	51	0%
Escambia	County Park East		1/wk	13	0%
Escambia	Johnson Beach		1/wk	51	0%
Escambia	Johnson Beach Sound Side		1/wk	51	0%
Escambia	Pensacola (Casino) Beach		1/wk	52	0%
Flagler	Gamble Rogers State Park		1/wk	52	0%
Flagler	North Flagler Pier		1/wk	52	0%
Flagler	Picknickers (Beverly Beach)		1/wk	52	0%
Flagler	South Flagler Pier		1/wk	52	0%
Flagler	Varn Park		1/wk	52	0%
Flagler	Washington Oaks State Park		1/wk	52	0%
Franklin	Carrabelle Beach	1	1/wk	49	49%
Franklin	Alligator Point	1	1/wk	49	8%
Franklin	St. George Island 11th Street East	1	1/wk	98	2%
Franklin	St. George Island Franklin Street	1	1/wk	49	2%
Franklin	St. George Island State Park		1/wk	17	0%
Gulf	Monument Beach	1	1/wk	38	24%
Gulf	Beacon Hill Beach	1	1/wk	37	3%
Gulf	St. Joe Beach	1	1/wk	37	3%

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County	Beach	Tier	Monitoring Frequency	Total Samples	Percent Exceedance
Gulf	Lookout Beach	1	1/wk	38	3%
Gulf	Dixie Belle Beach		1/wk	38	0%
Gulf	Highway 98 Beach		1/wk	37	0%
Hernando	Pine Island		1/wk	52	0%
Hillsborough	Ben T. Davis North		1/wk	59	14%
Hillsborough	Ben T. Davis South	1	1/wk	56	11%
Hillsborough	Picnic Island South		1/wk	56	11%
Hillsborough	Picnic Island North		1/wk	57	11%
Hillsborough	Bahia Beach	1	1/wk	54	7%
Hillsborough	Davis Island	1	1/wk	54	7%
Hillsborough	Cypress Point North	1	1/wk	53	6%
Hillsborough	Cypress Point South	1	1/wk	53	6%
Hillsborough	Simmons Park		1/wk	53	4%
Indian River	Coconut Point Sebastian Inlet		1/wk	51	0%
Indian River	Humiston Beach		1/wk	52	0%
Indian River	Round Island Beach Park		1/wk	52	0%
Indian River	Sexton Plaza		1/wk	52	0%
Indian River	South Beach Park		1/wk	52	0%
Indian River	Wabasso Beach Park		1/wk	51	0%
Lee	Lynn Hall Memorial Park		1/wk	56	7%
Lee	Bowman's Beach	1	1/wk	55	5%
Lee	Cape Coral Yacht Club		1/wk	55	5%
Lee	Turner Beach/Blind Pass Beach	1	1/wk	55	5%
Lee	Tarpon Bay Road Beach	1	1/wk	54	4%
Lee	Boca Grande Light House/Seagrape Beach		1/wk	53	2%
Lee	Sanibel Causeway Beach		1/wk	53	2%
Lee	Sanibel Lighthouse Park Beach		1/wk	53	2%
Lee	South Seas Plantation Captiva - Redfish Pass		1/wk	53	2%
Lee	Bonita Beach Park		1/wk	52	0%
Lee	Bowditch Point Beach		1/wk	52	0%
Lee	Little Hickory Beach Park		1/wk	52	0%
Lee	Lovers Key State Park		1/wk	52	0%
Levy	Cedar Key Beach	1	1/wk	51	27%
Manatee	Palma Sola South	1	1/wk	57	19%
Manatee	Bay Front Park North	1	1/wk	56	9%
Manatee	Whitney Beach		1/wk	48	2%
Manatee	Bradenton Beach		1/wk	53	2%
Manatee	Palma Sola North		1/wk	53	2%
Manatee	Bay Front Park South		1/wk	52	0%
Manatee	Coquina Beach North		1/wk	52	0%
Manatee	Coquina Beach South		1/wk	52	0%

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County	Beach	Tier	Monitoring Frequency	Total Samples	Percent Exceedance
Manatee	Manatee Public Beach North		1/wk	52	0%
Manatee	Manatee Public Beach South		1/wk	52	0%
Martin	Roosevelt Bridge		1/wk	52	4%
Martin	Bob Graham Beach		1/wk	52	2%
Martin	Hobe Sound Public Beach		1/wk	52	2%
Martin	Stuart Causeway		1/wk	52	2%
Martin	Bathtub Beach		1/wk	51	0%
Martin	Hobe Sound Wildlife Refuge		1/wk	51	0%
Martin	Jensen Beach Causeway East		1/wk	52	0%
Martin	Jensen Public Beach		1/wk	51	0%
Martin	Stuart Beach		1/wk	51	0%
Miami-Dade	Crandon Park-Key Biscayne	1	1/wk	62	18%
Miami-Dade	Matheson Hammock	1	1/wk	59	12%
Miami-Dade	Hobie Beach		1/wk	58	10%
Miami-Dade	North Shore Ocean Terrace		1/wk	58	10%
Miami-Dade	53rd Street - Miami Beach		1/wk	57	9%
Miami-Dade	South Beach Park	1	1/wk	57	9%
Miami-Dade	Sunny Isles Beach-Pier Park	1	1/wk	57	9%
Miami-Dade	Collins Park-21st Street		1/wk	55	5%
Miami-Dade	Oleta State Park		1/wk	53	4%
Miami-Dade	Key Biscayne Beach		1/wk	54	4%
Miami-Dade	Surfside Beach - 93rd Street	1	1/wk	54	4%
Miami-Dade	Golden Beach		1/wk	53	2%
Miami-Dade	Haulover Beach		1/wk	53	2%
Miami-Dade	Cape Florida Park		1/wk	52	0%
Miami-Dade	Virginia Beach		1/wk	52	0%
Monroe	South Beach	1	1/wk	51	33%
Monroe	Higgs Beach	1	1/wk	51	25%
Monroe	Coco Plum Beach	1	1/wk	51	16%
Monroe	John Pennekamp State Park Cannon Beach	1	1/wk	51	12%
Monroe	Bahia Honda Sandspur	1	1/wk	51	10%
Monroe	Simonton Beach	1	1/wk	51	10%
Monroe	Anne's Beach	1	1/wk	51	8%
Monroe	Bahia Honda Oceanside	1	1/wk	51	6%
Monroe	Founder's Park Beach	1	1/wk	51	6%
Monroe	Islamorada Public Library	1	1/wk	51	6%
Monroe	Smathers Beach	1	1/wk	51	6%
Monroe	Curry Hammock	1	1/wk	52	4%
Monroe	Bahia Honda Bayside	1	1/wk	51	2%
Monroe	Ft. Zachary Taylor	1	1/wk	51	2%
Monroe	Harry Harris County Park	1	1/wk	51	2%

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County	Beach	Tier	Monitoring Frequency	Total Samples	Percent Exceedance
Monroe	Sombrero Beach	1	1/wk	51	2%
Monroe	Veteran's Beach	1	1/wk	51	0%
Nassau	South End	1	1/wk	51	10%
Nassau	Jasmine Street	1	1/wk	52	2%
Nassau	Sadler Road		1/wk	52	2%
Nassau	Simmons Road	1	1/wk	52	2%
Nassau	Amelia Island Plantation (Aip) Beach Club		1/wk	52	0%
Nassau	American Beach		1/wk	52	0%
Nassau	Fort Clinch Beach		1/wk	52	0%
Nassau	Main Beach		1/wk	52	0%
Nassau	Ocean Street		1/wk	52	0%
Nassau	Peter's Point		1/wk	52	0%
Nassau	Piper Dunes (Aip Beach)		1/wk	52	0%
Okaloosa	Liza Jackson Park	1	1/wk	51	45%
Okaloosa	Rocky Bayou (Fred Gannon State Park)	1	1/wk	51	29%
Okaloosa	Garniers	1	1/wk	51	12%
Okaloosa	Camp Timpoochee	1	1/wk	50	10%
Okaloosa	Lincoln Park	1	1/wk	51	10%
Okaloosa	East Pass	1	1/wk	51	4%
Okaloosa	Brackin Wayside	1	1/wk	51	2%
Okaloosa	Gulf Island National Seashore	1	1/wk	51	2%
Okaloosa	Henderson State Park Beach	1	1/wk	51	2%
Okaloosa	Marlers Park	1	1/wk	51	2%
Okaloosa	Poquito Park	1	1/wk	51	2%
Okaloosa	James Lee Park Beach		1/wk	51	0%
Palm Beach	Phil Foster Park	1	1/wk	52	4%
Palm Beach	Peanut Island		1/wk	53	4%
Palm Beach	Carlin Park		1/wk	52	2%
Palm Beach	Lake Worth (Aka Kreuzler)		1/wk	52	2%
Palm Beach	South Inlet Park		1/wk	52	2%
Palm Beach	Dubois Park		1/wk	53	2%
Palm Beach	Spanish River		1/wk	53	2%
Palm Beach	Boynton Beach Municipal		1/wk	51	0%
Palm Beach	Delray Beach (Aka Sandoway Park)		1/wk	51	0%
Palm Beach	Gulfstream Park		1/wk	51	0%
Palm Beach	Jupiter Beach Park		1/wk	52	0%
Palm Beach	Ocean Inlet Park		1/wk	51	0%
Palm Beach	Palm Beach		1/wk	50	0%
Palm Beach	Riviera Beach		1/wk	51	0%
Pasco	Robert J. Strickland	1	1/wk	52	40%
Pasco	Oelsner Park Beach	1	1/wk	52	23%

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Pasco	Robert K. Rees Park Beach	1	1/wk	52	23%
Pasco	Energy And Marine Center	1	1/wk	52	19%
Pasco	Brasher Park Beach	1	1/wk	50	14%
Pasco	Gulf Harbors Beach	1	1/wk	52	4%
Pasco	Anclote River Park Beach		1/wk	52	0%
Pinellas	Courtney Campbell Causeway	1	1/wk	63	21%
Pinellas	Mobbly Bayou Preserve		1/wk	59	12%
Pinellas	North Shore Beach		1/wk	59	12%
Pinellas	Fred Howard Beach		1/wk	58	10%
Pinellas	Pass-A-Grille Beach		1/wk	57	9%
Pinellas	Belleair Causeway-Intercoastal		1/wk	55	5%
Pinellas	Treasure Island Beach		1/wk	55	5%
Pinellas	Gandy Boulevard		1/wk	54	4%
Pinellas	Indian Rocks Beach		1/wk	54	4%
Pinellas	Indian Shores Beach		1/wk	54	4%
Pinellas	Madeira Beach		1/wk	54	4%
Pinellas	Sand Key		1/wk	53	2%
Pinellas	Fort Desoto North Beach		1/wk	52	0%
Pinellas	Honeymoon Island Beach		1/wk	52	0%
Santa Rosa	Navarre Beach		1/wk	53	2%
Santa Rosa	Shoreline Park		1/wk	53	2%
Santa Rosa	Woodlawn Beach		1/wk	53	2%
Santa Rosa	Homeport		1/wk	52	0%
Santa Rosa	Juana's Beach		1/wk	52	0%
Santa Rosa	Navarre Beach West		1/wk	52	0%
Santa Rosa	Navarre Park		1/wk	52	0%
Sarasota	Venice Fishing Pier	1	1/wk	55	9%
Sarasota	Blind Pass Beach	1	1/wk	53	4%
Sarasota	Brohard Beach	1	1/wk	53	4%
Sarasota	Manasota Beach		1/wk	53	4%
Sarasota	Ringling Causeway		1/wk	53	4%
Sarasota	Venice Public Beach		1/wk	53	4%
Sarasota	Caspersen Public Beach		1/wk	52	2%
Sarasota	Lido Casino Beach		1/wk	52	2%
Sarasota	Longboat Key Access		1/wk	52	2%
Sarasota	Service Club Park		1/wk	52	2%
Sarasota	Siesta Key Public Beach		1/wk	52	2%
Sarasota	Nokomis Public Beach		1/wk	51	0%
Sarasota	North Jetty Park Beach		1/wk	51	0%
Sarasota	North Lido Beach		1/wk	51	0%
Sarasota	South Lido Beach		1/wk	51	0%

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County	Beach	Tier	Monitoring Frequency	Total Samples	Percent Exceedance
Sarasota	Turtle Beach		1/wk	51	0%
St Johns	Mickler's Landing		1/wk	52	4%
St Johns	Solano (Ponte Vedra Beach)		1/wk	52	2%
St Johns	Vilano Beach		1/wk	53	2%
St Johns	Anastasia State Park (St. Augustine Beach)		1/wk	52	0%
St Johns	Crescent Beach		1/wk	52	0%
St Johns	Matanzas Inlet		1/wk	51	0%
St Johns	St. Augustine Beach A Street		1/wk	52	0%
St Johns	St. Augustine Beach Ocean Trace		1/wk	51	0%
St Lucie	F Douglass Memorial Park		1/wk	50	0%
St Lucie	Fort Pierce Inlet/North Jetty Park		1/wk	50	0%
St Lucie	Pepper Park		1/wk	51	0%
St Lucie	Walton Rocks Beach		1/wk	48	0%
Taylor	Cedar Island	1	1/wk	37	89%
Taylor	Dekle Beach	1	1/wk	37	70%
Taylor	Keaton Beach	1	1/wk	37	68%
Taylor	Hagen's Cove	1	1/wk	36	64%
Volusia	Florida Shores Blvd	1	1/wk	52	2%
Volusia	International Speedway, Daytona Beach	1	1/wk	52	2%
Volusia	Silver Beach, Daytona Beach	1	1/wk	52	2%
Volusia	27th Street, New Smyrna Beach		1/wk	51	0%
Volusia	Bicentennial Park, Ormond Beach		1/wk	102	0%
Volusia	Dunlawton, Daytona Beach Shores		1/wk	51	0%
Volusia	Flagler Avenue, New Smyrna Beach		1/wk	51	0%
Volusia	Granada, Ormond Beach		1/wk	51	0%
Volusia	Main, Daytona Beach		1/wk	51	0%
Volusia	North Jetty, Ponce Inlet		1/wk	51	0%
Volusia	Oceanview Way, Ponce Inlet		1/wk	50	0%
Volusia	Seabreeze, Daytona Beach		1/wk	51	0%
Volusia	South Jetty, New Smyrna Beach		1/wk	51	0%
Volusia	Torinita, Wilbur By The Sea		1/wk	51	0%
Volusia	Villa Way		1/wk	51	0%
Wakulla	Mash Island	1	1/wk	27	48%
Wakulla	Shell Point Beach	1	1/wk	49	39%
Walton	Choctaw Beach County Park	1	1/wk	59	19%
Walton	Wheeler Point		1/wk	52	2%
Walton	County Park		1/wk	52	0%
Walton	Dune Allen Beach Access		1/wk	51	0%
Walton	Eastern Lake Beach Access		1/wk	51	0%
Walton	Grayton Beach Access		1/wk	51	0%
Walton	Holly Street Beach Access		1/wk	51	0%

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Walton	Tdc Beach Access		1/wk	51	0%

### Advisories

Advisories were issued for Florida beaches 285 times in 2006. The number of advisory days for events lasting six consecutive weeks or fewer at Florida beaches decreased 10 percent, to 2,686 days in 2006 from 2,991 days in 2005. There were 13 extended and nine permanent advisory events in Florida in 2006 compared to 13 extended events and seven permanent events in 2005. Advisories at Florida's 308 Tier 1 beaches decreased from 3,328 days in 2004 to 2,991 days in 2005, then decreased again to 2,686 days in 2006. During the time period over which this steady decrease in advisory days occurred, the overall monitoring frequency at these beaches was steady.

**Advisory Issuance:** The Florida Department of Health requires that swimming advisories be issued when monitoring samples exceed the BEACH Act–required geometric mean or single-sample maximum standard for enterococcus, and that warnings be issued when state fecal coliform levels are exceeded. Counties are responsible for issuing warnings and advisories.<sup>2</sup> There is no practical difference between an advisory and a warning—the program makes the distinction based simply on the indicator organism that is triggering the action. All advisories and warnings are referred to in this report as advisories.

If a sample exceeds a standard, an advisory is issued unless the county can conduct a follow-up sample within the same week. If the re-sample confirms an exceedance, a advisory is issued. The Florida Department of Health posts monitoring results for all 307 beaches on its website. Local media is alerted and signs are posted at the beach when a advisory is issued. Advisories apply to entire beaches, not to sections of beaches.

**Reopening Procedures:** Most sites in Florida are sampled weekly and the monitoring frequency does not increase if an advisory is issued. Resamples are instead taken to confirm poor water quality results.

**Causes of Advisories:** All (2,686) of Florida's beach advisory days in 2006 were due to monitoring that revealed elevated bacteria levels from unknown sources of contamination.

2006 Florida Beach Advisories					
County	Beach Name	Start Date	End Date	Reason	Source
Bay	Beach Drive	1/30	2/6	Bacteria	(?)
Bay	Beach Drive	8/7	8/14	Bacteria	(?)
Bay	Beach Drive	6/14	6/19	Bacteria	(?)
Bay	Beach Drive	6/26	7/3	Bacteria	(?)
Bay	Beach Drive	1/9	1/17	Bacteria	(?)
Bay	Beach Drive	3/20	3/27	Bacteria	(?)
Bay	Beach Drive	4/17	4/24	Bacteria	(?)
Bay	Beckrich Road (Edgewater Gulf Beach)	7/31	8/7	Bacteria	(?)
Bay	Beckrich Road (Edgewater Gulf Beach)	8/28	9/5	Bacteria	(?)
Bay	Beckrich Road (Edgewater Gulf Beach)	1/17	1/23	Bacteria	(?)
Bay	Beckrich Road (Edgewater Gulf Beach)	3/20	3/27	Bacteria	(?)
Bay	Beckrich Road (Edgewater Gulf Beach)	8/14	8/21	Bacteria	(?)
Bay	Beckrich Road (Edgewater Gulf Beach)	9/11	10/23	Bacteria	(?)

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<b>County</b>	<b>Beach Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Reason</b>	<b>Source</b>
Bay	Bid-A-Wee Beach	3/20	3/27	Bacteria	(?)
Bay	Bid-A-Wee Beach	4/3	4/10	Bacteria	(?)
Bay	Bid-A-Wee Beach	9/11	9/18	Bacteria	(?)
Bay	Carl Gray Park	1/30	2/6	Bacteria	(?)
Bay	Carl Gray Park	6/14	6/19	Bacteria	(?)
Bay	Carl Gray Park	7/17	7/24	Bacteria	(?)
Bay	Carl Gray Park	7/31	9/5	Bacteria	(?)
Bay	Carl Gray Park	10/23	10/30	Bacteria	(?)
Bay	Carl Gray Park	9/25	10/9	Bacteria	(?)
Bay	Delwood Beach	8/28	9/11	Bacteria	(?)
Bay	Delwood Beach	10/16	10/23	Bacteria	(?)
Bay	Dupont Bridge	8/28	9/11	Bacteria	(?)
Bay	Dupont Bridge	8/7	8/14	Bacteria	(?)
Bay	Dupont Bridge	9/18	9/25	Bacteria	(?)
Bay	East County Line (Mexico Beach)	3/27	4/3	Bacteria	(?)
Bay	Laguna Beach	10/16	10/23	Bacteria	(?)
Bay	Laguna Beach	3/20	3/27	Bacteria	(?)
Bay	Laguna Beach	9/5	9/25	Bacteria	(?)
Bay	Panama City Beach Pier (Edgewater Beach)	8/28	9/5	Bacteria	(?)
Bay	Seltzer Park (Silver Sands Beach)	7/31	8/7	Bacteria	(?)
Bay	Spy Glass Drive (Biltmore Beach)	6/26	7/10	Bacteria	(?)
Bay	Sunset Park	9/11	9/18	Bacteria	(?)
Bay	Sunset Park	11/6	11/13	Bacteria	(?)
Broward	John Lloyd State Park	9/7	9/11	Bacteria	(?)
Charlotte	Englewood Mid Beach	9/20	9/25	Bacteria	(?)
Charlotte	Englewood North	8/23	8/28	Bacteria	(?)
Charlotte	Englewood North	9/18	9/25	Bacteria	(?)
Charlotte	Palm Island North	9/20	9/25	Bacteria	(?)
Charlotte	Palm Island South	9/20	9/25	Bacteria	(?)
Charlotte	Port Charlotte Beach East	9/18	9/25	Bacteria	(?)
Charlotte	Port Charlotte Beach East	10/2	10/4	Bacteria	(?)
Charlotte	Port Charlotte Beach West	10/16	10/23	Bacteria	(?)
Charlotte	Port Charlotte Beach West	8/23	8/28	Bacteria	(?)
Charlotte	Port Charlotte Beach West	9/5	10/9	Bacteria	(?)
Citrus	Fort Island Gulf Beach	8/2	8/7	Bacteria	(?)
Dixie	Shired Island	1/1	6/26	Bacteria	(?)
Dixie	Shired Island	7/10	12/4	Bacteria	(?)
Duval	Hopkins Street Access	3/2	3/7	Bacteria	(?)
Escambia	Bayou Chico	6/26	7/3	Bacteria	(?)
Escambia	Bayou Chico	6/12	6/19	Bacteria	(?)
Escambia	Bayou Chico	7/10	7/17	Bacteria	(?)
Escambia	Bayou Chico	8/21	9/5	Bacteria	(?)

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<b>County</b>	<b>Beach Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Reason</b>	<b>Source</b>
Escambia	Bayou Chico	9/18	9/25	Bacteria	(?)
Escambia	Bayou Chico	1/1	1/9	Bacteria	(?)
Escambia	Bayou Chico	1/17	2/27	Bacteria	(?)
Escambia	Bayou Chico	4/24	5/30	Bacteria	(?)
Escambia	Bayou Chico	7/24	7/31	Bacteria	(?)
Escambia	Bayou Chico	10/9	11/20	Bacteria	(?)
Escambia	Bayview Park	6/12	6/19	Bacteria	(?)
Escambia	Bayview Park	3/20	3/27	Bacteria	(?)
Escambia	Bayview Park	7/31	8/7	Bacteria	(?)
Escambia	Bayview Park	8/14	10/23	Bacteria	(?)
Escambia	Bayview Park	1/1	1/3	Bacteria	(?)
Escambia	Bayview Park	1/17	3/6	Bacteria	(?)
Escambia	Bayview Park	4/10	4/24	Bacteria	(?)
Escambia	Bayview Park	5/1	6/5	Bacteria	(?)
Escambia	Bayview Park	11/13	11/20	Bacteria	(?)
Escambia	Navy Point (Bayou Grande)	4/10	4/17	Bacteria	(?)
Escambia	Navy Point (Bayou Grande)	7/10	7/17	Bacteria	(?)
Escambia	Navy Point (Bayou Grande)	5/1	6/19	Bacteria	(?)
Escambia	Navy Point (Bayou Grande)	6/26	7/3	Bacteria	(?)
Escambia	Navy Point (Bayou Grande)	1/1	1/9	Bacteria	(?)
Escambia	Navy Point (Bayou Grande)	1/30	2/20	Bacteria	(?)
Escambia	Navy Point (Bayou Grande)	7/24	7/31	Bacteria	(?)
Escambia	Navy Point (Bayou Grande)	8/7	11/27	Bacteria	(?)
Escambia	Quietwater Beach (Santa Rosa Sound)	9/19	9/21	Bacteria	(?)
Escambia	Quietwater Beach (Santa Rosa Sound)	9/21	9/25	Bacteria	(?)
Escambia	Sanders Beach	2/13	2/27	Bacteria	(?)
Franklin	Alligator Point	6/12	6/19	Bacteria	(?)
Franklin	Alligator Point	1/17	2/6	Bacteria	(?)
Franklin	Carrabelle Beach	6/12	6/19	Bacteria	(?)
Franklin	Carrabelle Beach	1/1	5/16	Bacteria	(?)
Franklin	Carrabelle Beach	9/13	10/23	Bacteria	(?)
Franklin	St. George Island 11th Street East	9/13	9/18	Bacteria	(?)
Franklin	St. George Island 11th Street East	1/1	1/3	Bacteria	(?)
Franklin	St. George Island 11th Street West	9/13	9/18	Bacteria	(?)
Franklin	St. George Island Franklin Street	9/13	9/18	Bacteria	(?)
Gulf	Beacon Hill Beach	9/19	9/25	Bacteria	(?)
Gulf	Lookout Beach	9/18	9/25	Bacteria	(?)
Gulf	Monument Beach	1/30	2/6	Bacteria	(?)
Gulf	Monument Beach	11/13	12/31	Bacteria	(?)
Gulf	Monument Beach	9/5	10/30	Bacteria	(?)
Gulf	Monument Beach	11/6	11/20	Bacteria	(?)
Gulf	St. Joe Beach	9/19	9/25	Bacteria	(?)

**Testing the Waters 2007**

<b>County</b>	<b>Beach Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Reason</b>	<b>Source</b>
Hillsborough	Bahia Beach	5/10	5/15	Bacteria	(?)
Hillsborough	Ben T. Davis South	1/5	1/9	Bacteria	(?)
Hillsborough	Cypress Point North	5/10	5/15	Bacteria	(?)
Hillsborough	Cypress Point South	5/10	5/15	Bacteria	(?)
Hillsborough	Davis Island	6/14	6/19	Bacteria	(?)
Lee	Bowman's Beach	9/20	9/25	Bacteria	(?)
Lee	Tarpon Bay Road Beach	9/20	9/25	Bacteria	(?)
Lee	Turner Beach/Blind Pass Beach	9/20	9/25	Bacteria	(?)
Levy	Cedar Key Beach	1/23	2/27	Bacteria	(?)
Levy	Cedar Key Beach	9/11	10/23	Bacteria	(?)
Levy	Cedar Key Beach	11/8	11/20	Bacteria	(?)
Manatee	Bay Front Park North	9/20	9/25	Bacteria	(?)
Manatee	Palma Sola South	1/30	2/6	Bacteria	(?)
Manatee	Palma Sola South	6/13	7/17	Bacteria	(?)
Miami-Dade	Crandon Park-Key Biscayne	8/8	8/9	Bacteria	(?)
Miami-Dade	Crandon Park-Key Biscayne	7/13	7/16	Bacteria	(?)
Miami-Dade	Crandon Park-Key Biscayne	8/23	8/28	Bacteria	(?)
Miami-Dade	Matheson Hammock	7/13	7/16	Bacteria	(?)
Miami-Dade	South Beach Park	1/4	1/5	Bacteria	(?)
Miami-Dade	Sunny Isles Beach-Pier Park	6/20	6/22	Bacteria	(?)
Miami-Dade	Sunny Isles Beach-Pier Park	2/27	3/6	Bacteria	(?)
Miami-Dade	Surfside Beach - 93rd Street	1/17	1/19	Bacteria	(?)
Monroe	Anne's Beach	4/11	4/18	Bacteria	(?)
Monroe	Anne's Beach	8/8	8/15	Bacteria	(?)
Monroe	Anne's Beach	10/3	10/10	Bacteria	(?)
Monroe	Anne's Beach	8/28	9/12	Bacteria	(?)
Monroe	Bahia Honda Bayside	10/3	10/10	Bacteria	(?)
Monroe	Bahia Honda Bayside	8/28	9/5	Bacteria	(?)
Monroe	Bahia Honda Oceanside	7/11	7/18	Bacteria	(?)
Monroe	Bahia Honda Oceanside	8/8	8/15	Bacteria	(?)
Monroe	Bahia Honda Oceanside	8/28	9/12	Bacteria	(?)
Monroe	Bahia Honda Sandspur	7/11	7/18	Bacteria	(?)
Monroe	Bahia Honda Sandspur	8/28	9/12	Bacteria	(?)
Monroe	Bahia Honda Sandspur	10/3	10/24	Bacteria	(?)
Monroe	Coco Plum Beach	1/17	1/24	Bacteria	(?)
Monroe	Coco Plum Beach	4/11	4/18	Bacteria	(?)
Monroe	Coco Plum Beach	5/16	5/23	Bacteria	(?)
Monroe	Coco Plum Beach	8/8	8/15	Bacteria	(?)
Monroe	Coco Plum Beach	8/22	8/28	Bacteria	(?)
Monroe	Coco Plum Beach	8/28	9/27	Bacteria	(?)
Monroe	Curry Hammock	8/28	9/12	Bacteria	(?)
Monroe	Founder's Park Beach	5/30	6/5	Bacteria	(?)

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<b>County</b>	<b>Beach Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Reason</b>	<b>Source</b>
Monroe	Founder's Park Beach	8/28	9/12	Bacteria	(?)
Monroe	Founder's Park Beach	9/19	9/27	Bacteria	(?)
Monroe	Ft. Zachary Taylor	8/28	9/12	Bacteria	(?)
Monroe	Ft. Zachary Taylor	10/10	10/17	Bacteria	(?)
Monroe	Harry Harris County Park	8/28	9/12	Bacteria	(?)
Monroe	Higgs Beach	2/28	3/7	Bacteria	(?)
Monroe	Higgs Beach	8/8	8/15	Bacteria	(?)
Monroe	Higgs Beach	11/7	11/14	Bacteria	(?)
Monroe	Higgs Beach	7/11	7/18	Bacteria	(?)
Monroe	Higgs Beach	8/22	10/17	Bacteria	(?)
Monroe	Higgs Beach	11/28	12/5	Bacteria	(?)
Monroe	Islamorada Public Library	8/22	9/12	Bacteria	(?)
Monroe	Islamorada Public Library	9/19	9/27	Bacteria	(?)
Monroe	John Pennekamp State Park Cannon Beach	3/28	4/11	Bacteria	(?)
Monroe	John Pennekamp State Park Cannon Beach	8/28	9/12	Bacteria	(?)
Monroe	John Pennekamp State Park Cannon Beach	10/3	10/17	Bacteria	(?)
Monroe	John Pennekamp State Park Cannon Beach	4/25	5/2	Bacteria	(?)
Monroe	Simonton Beach	3/28	4/4	Bacteria	(?)
Monroe	Simonton Beach	7/11	7/25	Bacteria	(?)
Monroe	Simonton Beach	12/19	12/26	Bacteria	(?)
Monroe	Simonton Beach	10/10	10/17	Bacteria	(?)
Monroe	Simonton Beach	8/28	9/5	Bacteria	(?)
Monroe	Smathers Beach	1/17	1/24	Bacteria	(?)
Monroe	Smathers Beach	5/9	5/16	Bacteria	(?)
Monroe	Smathers Beach	7/11	7/18	Bacteria	(?)
Monroe	Smathers Beach	8/28	9/5	Bacteria	(?)
Monroe	Sombrero Beach	8/28	9/5	Bacteria	(?)
Monroe	South Beach	10/24	11/14	Bacteria	(?)
Monroe	South Beach	7/11	7/18	Bacteria	(?)
Monroe	South Beach	8/8	9/12	Bacteria	(?)
Monroe	South Beach	9/19	9/27	Bacteria	(?)
Monroe	South Beach	12/19	12/31	Bacteria	(?)
Monroe	South Beach	10/3	10/17	Bacteria	(?)
Monroe	South Beach	11/21	12/12	Bacteria	(?)
Monroe	Veteran's Beach	8/28	9/1	Bacteria	(?)
Nassau	Jasmine Street	1/25	2/1	Bacteria	(?)
Nassau	Simmons Road	4/12	4/19	Bacteria	(?)
Nassau	South End	11/21	11/29	Bacteria	(?)
Nassau	South End	1/4	1/11	Bacteria	(?)
Okaloosa	Brackin Wayside	11/20	11/27	Bacteria	(?)
Okaloosa	Camp Timpoochee	1/17	1/23	Bacteria	(?)
Okaloosa	Camp Timpoochee	4/10	4/17	Bacteria	(?)

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<b>County</b>	<b>Beach Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Reason</b>	<b>Source</b>
Okaloosa	Camp Timpoochee	6/12	6/19	Bacteria	(?)
Okaloosa	Camp Timpoochee	8/7	8/14	Bacteria	(?)
Okaloosa	Camp Timpoochee	8/28	9/5	Bacteria	(?)
Okaloosa	East Pass	6/12	6/19	Bacteria	(?)
Okaloosa	East Pass	8/7	8/14	Bacteria	(?)
Okaloosa	Garniers	5/15	5/22	Bacteria	(?)
Okaloosa	Garniers	5/1	5/8	Bacteria	(?)
Okaloosa	Garniers	6/12	6/19	Bacteria	(?)
Okaloosa	Garniers	9/11	9/18	Bacteria	(?)
Okaloosa	Garniers	10/16	10/23	Bacteria	(?)
Okaloosa	Garniers	7/17	7/24	Bacteria	(?)
Okaloosa	Gulf Island National Seashore	10/16	10/23	Bacteria	(?)
Okaloosa	Henderson State Park Beach	9/18	9/25	Bacteria	(?)
Okaloosa	Lincoln Park	5/15	5/22	Bacteria	(?)
Okaloosa	Lincoln Park	9/5	9/18	Bacteria	(?)
Okaloosa	Lincoln Park	7/17	7/24	Bacteria	(?)
Okaloosa	Lincoln Park	1/1	1/3	Bacteria	(?)
Okaloosa	Lincoln Park	9/25	10/2	Bacteria	(?)
Okaloosa	Liza Jackson Park	6/5	6/12	Bacteria	(?)
Okaloosa	Liza Jackson Park	5/1	5/8	Bacteria	(?)
Okaloosa	Liza Jackson Park	1/1	2/13	Bacteria	(?)
Okaloosa	Liza Jackson Park	2/20	3/27	Bacteria	(?)
Okaloosa	Liza Jackson Park	5/15	5/30	Bacteria	(?)
Okaloosa	Liza Jackson Park	7/10	8/21	Bacteria	(?)
Okaloosa	Liza Jackson Park	12/11	12/31	Bacteria	(?)
Okaloosa	Marlers Park	6/12	6/19	Bacteria	(?)
Okaloosa	Poquito Park	9/18	9/25	Bacteria	(?)
Okaloosa	Rocky Bayou (Fred Gannon State Park)	5/15	5/22	Bacteria	(?)
Okaloosa	Rocky Bayou (Fred Gannon State Park)	7/17	7/24	Bacteria	(?)
Okaloosa	Rocky Bayou (Fred Gannon State Park)	2/20	3/6	Bacteria	(?)
Okaloosa	Rocky Bayou (Fred Gannon State Park)	12/26	12/31	Bacteria	(?)
Okaloosa	Rocky Bayou (Fred Gannon State Park)	9/25	10/2	Bacteria	(?)
Okaloosa	Rocky Bayou (Fred Gannon State Park)	1/1	1/17	Bacteria	(?)
Okaloosa	Rocky Bayou (Fred Gannon State Park)	1/30	2/13	Bacteria	(?)
Okaloosa	Rocky Bayou (Fred Gannon State Park)	10/16	11/27	Bacteria	(?)
Palm Beach	Phil Foster Park	1/17	1/23	Bacteria	(?)
Pasco	Brasher Park Beach	9/11	9/18	Bacteria	(?)
Pasco	Brasher Park Beach	12/11	12/31	Bacteria	(?)
Pasco	Brasher Park Beach	1/31	2/6	Bacteria	(?)
Pasco	Brasher Park Beach	10/2	10/30	Bacteria	(?)
Pasco	Energy And Marine Center	4/17	4/24	Bacteria	(?)
Pasco	Energy And Marine Center	10/23	10/30	Bacteria	(?)

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County	Beach Name	Start Date	End Date	Reason	Source
Pasco	Energy And Marine Center	12/26	12/31	Bacteria	(?)
Pasco	Energy And Marine Center	1/1	1/4	Bacteria	(?)
Pasco	Energy And Marine Center	1/30	3/6	Bacteria	(?)
Pasco	Energy And Marine Center	9/18	10/2	Bacteria	(?)
Pasco	Gulf Harbors Beach	12/26	12/31	Bacteria	(?)
Pasco	Gulf Harbors Beach	9/18	9/25	Bacteria	(?)
Pasco	Oelsner Park Beach	5/8	5/15	Bacteria	(?)
Pasco	Oelsner Park Beach	7/17	7/24	Bacteria	(?)
Pasco	Oelsner Park Beach	11/27	12/4	Bacteria	(?)
Pasco	Oelsner Park Beach	9/4	9/11	Bacteria	(?)
Pasco	Oelsner Park Beach	12/26	12/31	Bacteria	(?)
Pasco	Oelsner Park Beach	8/7	8/21	Bacteria	(?)
Pasco	Oelsner Park Beach	9/18	10/16	Bacteria	(?)
Pasco	Robert J. Strickland	6/5	6/14	Bacteria	(?)
Pasco	Robert J. Strickland	7/17	7/24	Bacteria	(?)
Pasco	Robert J. Strickland	8/7	8/14	Bacteria	(?)
Pasco	Robert J. Strickland	1/1	1/9	Bacteria	(?)
Pasco	Robert J. Strickland	1/16	3/6	Bacteria	(?)
Pasco	Robert J. Strickland	4/3	4/24	Bacteria	(?)
Pasco	Robert K. Rees Park Beach	1/31	2/6	Bacteria	(?)
Pasco	Robert K. Rees Park Beach	7/17	7/24	Bacteria	(?)
Pasco	Robert K. Rees Park Beach	9/18	9/25	Bacteria	(?)
Pasco	Robert K. Rees Park Beach	12/4	12/11	Bacteria	(?)
Pasco	Robert K. Rees Park Beach	7/31	8/21	Bacteria	(?)
Pasco	Robert K. Rees Park Beach	8/28	9/4	Bacteria	(?)
Pasco	Robert K. Rees Park Beach	10/9	10/23	Bacteria	(?)
Pasco	Robert K. Rees Park Beach	10/30	11/13	Bacteria	(?)
Pinellas	Courtney Campbell Causeway	9/21	9/26	Bacteria	(?)
Pinellas	Courtney Campbell Causeway	10/19	10/24	Bacteria	(?)
Sarasota	Blind Pass Beach	9/20	9/22	Bacteria	(?)
Sarasota	Brohard Beach	9/20	9/22	Bacteria	(?)
Sarasota	Venice Fishing Pier	9/20	9/22	Bacteria	(?)
Taylor	Cedar Island	4/3	4/10	Bacteria	(?)
Taylor	Cedar Island	1/1	3/20	Bacteria	(?)
Taylor	Cedar Island	4/10	12/11	Bacteria	(?)
Taylor	Dekle Beach	4/3	4/10	Bacteria	(?)
Taylor	Dekle Beach	6/12	6/19	Bacteria	(?)
Taylor	Dekle Beach	1/1	3/27	Bacteria	(?)
Taylor	Dekle Beach	4/24	5/8	Bacteria	(?)
Taylor	Dekle Beach	6/26	12/4	Bacteria	(?)
Taylor	Hagen's Cove	4/3	4/10	Bacteria	(?)
Taylor	Hagen's Cove	1/1	3/6	Bacteria	(?)

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<b>County</b>	<b>Beach Name</b>	<b>Start Date</b>	<b>End Date</b>	<b>Reason</b>	<b>Source</b>
Taylor	Hagen's Cove	3/14	3/27	Bacteria	(?)
Taylor	Hagen's Cove	6/26	7/5	Bacteria	(?)
Taylor	Hagen's Cove	7/5	12/4	Bacteria	(?)
Taylor	Hagen's Cove	12/11	12/18	Bacteria	(?)
Taylor	Keaton Beach	4/3	4/10	Bacteria	(?)
Taylor	Keaton Beach	1/1	3/20	Bacteria	(?)
Taylor	Keaton Beach	4/24	5/1	Bacteria	(?)
Taylor	Keaton Beach	5/15	5/22	Bacteria	(?)
Taylor	Keaton Beach	6/12	6/19	Bacteria	(?)
Taylor	Keaton Beach	6/26	12/11	Bacteria	(?)
Volusia	Florida Shores Blvd	1/24	1/26	Bacteria	(?)
Volusia	International Speedway, Daytona Beach	1/24	1/26	Bacteria	(?)
Volusia	Silver Beach, Daytona Beach	1/24	1/26	Bacteria	(?)
Wakulla	Mash Island	1/1	1/23	Bacteria	(?)
Wakulla	Mash Island	7/31	10/31	Bacteria	(?)
Wakulla	Shell Point Beach	4/17	4/24	Bacteria	(?)
Wakulla	Shell Point Beach	5/8	5/16	Bacteria	(?)
Wakulla	Shell Point Beach	1/1	2/6	Bacteria	(?)
Wakulla	Shell Point Beach	8/7	11/6	Bacteria	(?)
Walton	Choctaw Beach County Park	4/25	5/1	Bacteria	(?)

**Abbreviations used:** Bacteria, monitoring that revealed high bacteria levels; (?), unknown.

**Notes**

- 1 NOAA, *Current Participation Patterns in Marine Recreation*, November 2001.
- 2 David Polk, Florida Department of Health, personal communication, July 2007.