



## NEW YORK

### 19th in Beachwater Quality

9% of samples exceeded national standards in 2010

Polluted urban and suburban runoff is a major threat to water quality at the nation's coastal beaches. Runoff from storms and irrigation carries pollution from parking lots, yards, and streets directly to waterways. In some parts of the country, stormwater routinely causes overflows from sewage systems. Innovative solutions known as green infrastructure enable communities to naturally absorb or use runoff before it causes problems. The U.S. Environmental Protection Agency is modernizing its national rules for sources of runoff pollution and should develop strong, green infrastructure-based requirements.

New York is the only state in the nation with ocean, estuarine, and Great Lakes coastline. There are 127 miles of Atlantic Ocean coastline, 231 miles of shoreline on Long Island Sound, 548 miles of Long Island bayfront, and 83 miles of shoreline on islands off the Long Island coast. In addition to these marine waters, there are at least 200 miles of freshwater shoreline on Lake Erie and Lake Ontario. Nearly all of the state's coastal beaches are on Atlantic waters; only 39 are on Lake Erie or Lake Ontario. The coastal beach monitoring program in New York is administered by the New York State Department of Health.

About two-thirds of New York City's 6,600 miles of sewer system is combined with stormwater pipes, which can discharge a mixture of rainfall runoff and raw sewage into area waterways during and immediately after precipitation.<sup>1</sup> These excess flows contain floating debris made up of litter and toilet-generated waste such as hygiene products, as well as heavy pollutant loads. When discharged to the New York/New Jersey Harbor Complex, the floating debris tends to collect into slicks that can wash up on beaches. The multi agency Floatables Action Plan employs several means of controlling floating debris, such as: helicopter surveillance to locate slicks, skimmer vessels fitted with nets that collect floating debris, floating booms that trap debris near sewer-system discharge points for later collection, and sewer-system improvements intended to maximize the ability to retain floating debris. Each year, these methods have prevented tons of floating debris from reaching area beaches.

### Monitoring Results

In 2010, New York reported 358 coastal beaches. Of these, 2 (1%) were monitored daily, 91 (25%) were monitored more than once a week, 127 (35%) were monitored once a week, 76 (21%) every other week, and 60 (17%) once a month; 2 (1%) were not monitored. For this section of the report, NRDC looked at the percent of monitoring samples that exceeded the state's daily maximum bacterial standards (all reported samples were used to calculate the 2010 percent exceedance rates, including duplicate samples and samples taken outside the official beach season, if any). In 2010, 9% of all reported beach monitoring samples exceeded the state's daily maximum bacterial standards. More than 20 of New York's beaches exceeded the standard at least 20% of the time. The beaches with the highest percent exceedance rates in 2010 were Krull Park in Niagara County (64%); Pultneyville Mariners Beach in Wayne County (56%); Main Street Beach (44%), Wright Park East (42%), Point Gratiot Beach West (37%), Wright Park West (33%), Town of Hanover

### KEY FINDINGS IN NEW YORK

#### Beachwater Contamination

(% of samples exceeding state standards in 2010)

- Krull Park in Niagara County (64%)
- Pultneyville Mariners Beach in Wayne County (56%)
- Main Street Beach in Chautauqua County (44%)

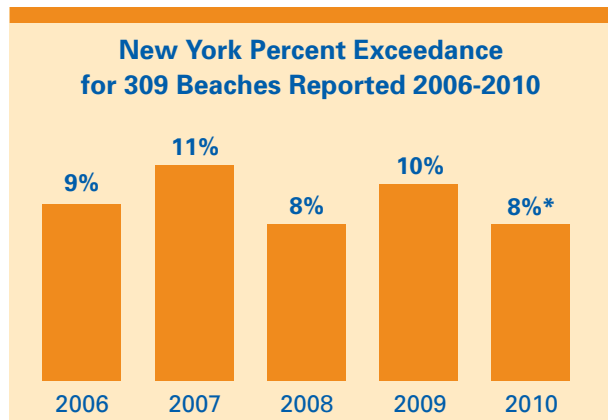
#### Reported Sources of Beachwater Contamination

Statewide (number of closing/advisory days)

- 598 (63%) stormwater runoff
- 278 (29%) unknown sources of contamination
- 86 (9%) sewage spills/leaks
- 28 (3%) other sources of contamination
- 12 (1%) wildlife

Totals exceed 100% because more than one contamination source was reported for some events.

Beach (32%), and Sunset Bay Beach Club (31%) in Chautauqua County; and Hamburg Bathing Beach in Erie County (31%). Beaches that were not open in 2010 are excluded from this list, because in New York, swimming is prohibited at beaches that are not open. Beaches that were not open included Lake Erie State Park Beach in Chautauqua County; Point Breeze Camp and Woodlawn Beach State Park in Erie County; Westcott Beach State Park—Camping Beach in Jefferson County, Selkirk Shores State Park Beach in Oswego County; Centerport Yacht Club, Miller Place Park, Sandspit Beach, Sound Beach POA East, Stony Brook Beach, and Woodhull Landing in Suffolk County, and Isle of San Socecci and Marinas Edge



in Westchester County.<sup>2</sup> Some of these beaches were monitored as part of water quality investigations even though they were not open, and their samples are included in NRDC’s analysis. Niagara County had the highest exceedance rate (45%) in 2010, followed by Wayne (36%), Chautauqua (31%), Monroe (24%), Erie (21%), Queens (11%), Bronx (10%), Nassau (7%), Westchester (6%), Cayuga (6%), Suffolk (5%), Kings (5%), Richmond (4%), Jefferson (4%), and Oswego (2%) counties.

**Sampling Practices:** The monitoring season generally extends from May to September.

Sampling practices, locations, and notification protocols for coastal beaches in the state have been established by each of the administering agency’s 11 contractors in accordance with the U.S. EPA guidance criteria for the requirements of the BEACH Act grant. Water samples are collected 18 inches below the surface in water that is approximately 3 feet deep. Monitoring locations and sampling frequency are determined by a variety of factors, including, but not limited to, potential pollution sources, historical water quality, and physical characteristics of the beach property.

Samples taken as part of sanitary surveys and special studies may be collected at outfalls and other sources.<sup>2</sup> Some jurisdictions sample more frequently once an exceedance of standards is found.

EPA’s Helicopter Surveillance Program monitors algal blooms along the New York City coastline during the bathing season. Information about blooms is communicated to the New York City beach program and is considered when closing and advisory decisions are made for New York City beaches. The EPA also monitors the Atlantic coastline of Nassau and Suffolk counties for algal blooms.

## Closings and Advisories

Total closing/advisory days for 447 events lasting six consecutive weeks or less decreased 46% to 956 days in 2010, from 1,775 days in 2009. For prior years, there were 1,610 days in 2008, 1,547 days in 2007, 1,280 days in 2006, and 827 days in 2005. In addition, there were no extended events and 14 permanent events (4,845 days total) in 2010. Extended events are those in effect more than six weeks but not more than 13 consecutive weeks; permanent events are in effect for more than 13 consecutive weeks. For the 447 events lasting six consecutive weeks or less, 55% (527) of closing/advisory days in 2010 were due to monitoring that revealed elevated bacteria levels, 43% (409) were preemptive (i.e., ordered without waiting for monitoring results) due to heavy rainfall, and 2% (20) were preemptive due to other unspecified reasons.

**Standards and Procedures:** Both closings and advisories are issued for beaches in the state. For marine beaches, New York uses an enterococcus single-sample maximum of 104 cfu/100 ml. For freshwater beaches, New York uses an *E. coli* single-sample maximum of 235 cfu/100 ml or 61 cfu/100 ml for enterococcus.<sup>2</sup> Whether or not geometric-mean

\* Why don’t the 2010 percent exceedance values in this summary match? Only samples from a common set of beaches monitored each year from 2006–2010 are included in the bar chart. Because some beaches were not monitored in each of those years, the percent exceedance for this subset of beaches (8%) did not have the same value as the percent exceedance for all of the beaches monitored in 2010 (9%).

standards are applied when closing and advisory decisions are made depends on the local beach authority. New York City applies a geometric-mean standard for enterococcus of 35 cfu/100 ml for a series of five or more samples collected during a 30-day period.<sup>1</sup>

When water quality monitoring reveals an exceedance of bacterial standards, the health department either notifies the public or resamples if there is reason to doubt the validity of the original sample result. Resampling is performed no more than 48 hours after the routine monitoring results indicate an exceedance. If the resample exceeds the water quality standard, a closing or advisory is issued. New York City does not issue an advisory or closing based solely on monitoring results. It uses administrative review and management tools when evaluating beach status to determine of the correct regulatory action. New York City conducts a resample or issues an advisory or closing after analyzing ongoing water quality trends, historical water quality data, reports of pollution events, and other factors that may be affecting the beach, including animal waste, septic or sewage disposal systems, and illegal sewage connections.<sup>3</sup>

All of the counties with marine beaches and most of the counties with Great Lakes beaches issue preemptive rain advisories or other preemptive advisories, many of which are based on rainfall amounts.

Several of New York's beachwater quality contractors have developed models of various designs and complexity for their beaches. For example, Monroe County uses a model based on amount of rainfall, the flow rate of the Genesee River, turbidity, algae, and other organic debris. The Interstate Environmental Commission has developed an extensive hydrodynamic loading model that is integrated into the beach monitoring and notification programs of the New York City Department of Health & Mental Hygiene and the health departments of Westchester, Nassau, and Suffolk counties. In 2010, the Chautauqua County Department of Health began using Virtual Beach software to predict water quality at beaches on Lake Erie.

At beaches in New York, a sanitation and safety survey or investigation that reveals the presence of floatable debris, medical/infectious waste or toxic contaminants, petroleum products, and/or other contamination on the beach or evidence of sewage and wastewater discharge can trigger an advisory or closing.<sup>3</sup>

<b>New York 2010 Monitoring Results and Closing or Advisory Days</b>					
<b>Beach</b>	<b>Tier</b>	<b>Assigned Monitoring Frequency</b>	<b>Total Samples</b>	<b>% of Samples Exceeding State Standards</b>	<b>Closing or Advisory Days</b>
<b>Bronx County</b>					
American Turners	1	1/wk	60	15%	15
Danish American Beach Club	1	1/wk	60	15%	15
Locust Point Yacht Club	3	1/wk	60	0%	9
Manhem Beach Club	1	1/wk	60	15%	14
Morris Yacht and Beach Club	1	1/wk	60	8%	16
Orchard Beach	1	1/wk	63	5%	0
Schuyler Hill Civic Association	1	1/wk	63	3%	12
Trinity Danish Young People's Society	1	1/wk	60	15%	15
West Fordham Street Association	1	1/wk	60	8%	8
White Cross Fish Club	1	1/wk	60	15%	15
<b>Cayuga County</b>					
Fair Haven Beach State Park Beach	1	1/wk	35	6%	0
<b>Chautauqua County</b>					
Blue Water Beach	3	1/wk	29	21%	2
Lake Erie State Park Beach	1	not open	0	NA	0 (365)*
Main Street Beach	1	1/wk	43	44%	35

Beach	Tier	Assigned Monitoring Frequency	Total Samples	% of Samples Exceeding State Standards	Closing or Advisory Days
<b>Chautauqua County</b>					
Point Gratiot Beach East	2	1/wk	53	25%	28
Point Gratiot Beach West	2	1/wk	43	37%	37
Sheridan Bay Park	3	1/wk	25	4%	0
Sunset Bay Beach Club	3	1/wk	32	31%	14
Town of Hanover Beach	3	1/wk	31	32%	22
Wright Park East	1	1/wk	43	42%	39
Wright Park West	1	1/wk	55	33%	31
<b>Erie County</b>					
Bennett Beach	2	2/wk	44	14%	15
Evangola State Park Beach	2	1/wk	15	13%	2
Evans Town Park	2	2/wk	58	19%	14
Hamburg Bathing Beach	1	2/wk	42	31%	12
Lake Erie Beach	1	2/wk	57	19%	8
Pioneer Camp	2	2/wk	43	14%	13
Point Breeze Camp	3	not open	3	0%	0 (365)*
St. Vincent De Paul Beach	2	2/wk	40	20%	13
Wendt Beach	2	2/wk	44	16%	12
Woodlawn Beach State Park Beach	1	not open	86	31%	0 (365)*
<b>Jefferson County</b>					
Southwick Beach State Park Beach	1	1/wk	11	0%	0
Westcott Beach State Park–Main Beach	2	1/wk	12	8%	0
Westcott Beach State Park–Camping Beach	2	not open	0	NA	0 (365)*
<b>Kings County</b>					
Coney Island Beach Brighton 15th–6th	2	1/wk	22	9%	0
Coney Island Beach Brighton 6th–Ocean Parkway	2	1/wk	20	0%	0
Coney Island Beach Ocean Parkway–West 8th	2	1/wk	23	4%	0
Coney Island Beach West 16th–27th	2	1/wk	23	9%	0
Coney Island Beach West 28th–West 37th	2	1/wk	20	0%	0
Coney Island–West 8th St. To Pier	2	1/wk	20	0%	0
Gerritsen/Kiddie Beach	1	1/wk	57	14%	14
Kingsborough Community College	1	1/wk	63	5%	0
Manhattan Beach	1	1/wk	63	6%	0
Seagate Beach–38th Street	2	1/wk	60	0%	0
Seagate Beach–42nd Street	2	1/wk	60	0%	0
<b>Monroe County</b>					
Durand Beach	1	daily	98	17%	28
Hamlin Beach State Park–Area 3	1	1/wk	30	7%	3
Hamlin Beach State Park–Area 4	1	1/wk	39	28%	4

Beach	Tier	Assigned Monitoring Frequency	Total Samples	% of Samples Exceeding State Standards	Closing or Advisory Days
<b>Monroe County</b>					
Ontario Beach	1	daily	263	27%	39
<b>Nassau County</b>					
Atlantic Beach Club	3	2/mo	11	0%	0
Atlantic Beach Estates	3	2/mo	19	0%	0
Bar Beach	1	1/wk	45	4%	4
Beekman Beach	3	2/mo	53	13%	0
Biltmore Beach	1	1/wk	169	5%	3
Catalina Beach	3	2/mo	11	0%	0
Centre Island Bay Beach	2	1/wk	51	2%	0
Centre Island Sound Beach	2	1/wk	54	11%	5
Clearwater Cabana Beach	3	2/mo	11	0%	0
Crescent Beach	2	1/wk	186	27%	0 (100)*
Dutchess Boulevard Beach	3	2/mo	11	0%	0
East Atlantic Beach	3	2/mo	19	0%	0
Eldorado Beach	3	2/mo	11	0%	0
Genessee Boulevard Beach	3	2/mo	11	0%	0
Harbor Isle Beach	2	1/wk	44	9%	0
Hempstead Harbor Beach Park	1	1/wk	44	5%	0
Hewlett Beach	1	1/wk	46	11%	4
Inc. Village of Laurel Hollow	1	1/wk	149	15%	27
Inwood Beach Club	3	2/mo	11	0%	0
Island Park Beach	1	1/wk	43	2%	4
Jefferson Boulevard Beach	3	2/mo	11	0%	0
Jones Beach State Park–West End Beach	2	1/wk	17	6%	0
Jones Beach State Park–Zach’s Bay	1	1/wk	31	13%	1
Jones Beach State Park–Central Mall Beach	2	1/wk	32	0%	0
Lattington Beach	2	1/wk	53	2%	1
Lawrence Beach	3	2/mo	11	0%	0
Lido Beach–Towers Condo	3	2/mo	10	0%	0
Lido Beach Park District	3	2/mo	29	0%	0
Lido Beach West	3	2/mo	19	0%	0
Long Beach City	2	1/wk	57	0%	0
Manor Haven Beach	2	1/wk	44	14%	0
Merrick Estates Civic Association	2	1/wk	44	5%	0
Montgomery Boulevard Beach	3	2/mo	11	0%	0
Morgan Memorial Beach	1	1/wk	54	15%	3
Nassau Beach Central Terrace	3	2/mo	21	0%	0
Nassau Beach East Terrace	3	2/mo	12	0%	0
Nassau Beach West Terrace	3	2/mo	12	0%	0

Beach	Tier	Assigned Monitoring Frequency	Total Samples	% of Samples Exceeding State Standards	Closing or Advisory Days
<b>Nassau County</b>					
Ocean Club Beach	3	2/mo	11	0%	0
Pebble Cove Homeowners Association	3	2/mo	11	0%	0
Philip B. Healey	1	1/wk	66	5%	3
Piping Rock Beach	2	1/wk	55	9%	11
Plaza Beach	3	2/mo	11	0%	0
Plaza Beach Club	3	2/mo	11	0%	0
Plaza West	3	2/mo	11	0%	0
Point Lookout Park District	3	2/mo	19	0%	0
Prybil Beach	2	1/wk	52	8%	3
Putnam Beach	3	2/mo	11	0%	0
Ransom Beach	2	1/wk	53	8%	3
Sands at Atlantic	3	2/mo	11	0%	0
Seacliff Beach	1	1/wk	49	16%	3
Silver Point Beach Club	3	2/mo	19	0%	0
Soundside Beach	2	1/wk	46	7%	4
Stehli Beach	2	1/wk	51	4%	3
Sun and Surf Beach	3	2/mo	11	0%	0
Sunny Atlantic Beach	3	2/mo	11	0%	0
Tappan Beach	1	1/wk	45	7%	3
The Creek Beach	2	1/wk	53	2%	4
Theodore Roosevelt Beach	1	1/wk	53	6%	3
Tobay Beach–Bay	1	1/wk	29	0%	0
Tobay Beach–Marina	2	1/wk	29	0%	0
Tobay Beach–Ocean	2	1/wk	31	0%	0
Town House Apartments at Lido	3	2/mo	10	0%	0
Town Park–Area D Sands/Lido/Anchor	3	2/mo	19	0%	0
Town Park Camp Anchor	3	2/mo	10	0%	0
Town Park Point Lookout	3	2/mo	48	0%	0
Vernon Avenue Beach	3	2/mo	20	5%	0
Village Club at Sands Point	3	2/mo	43	14%	0
West Harbor Memorial Beach	2	1/wk	53	2%	0
Westbury Beach Club	3	2/mo	12	8%	0
<b>Niagara County</b>					
Krull Park	2	1/wk	25	64%	9
Wilson–Tuscarora State Park Beach	1	1/wk	17	18%	4
<b>Oswego County</b>					
Brennan’s Beach	1	1/wk	13	8%	3
Chedmardo	1	1/wk	14	0%	0
Dowie Dale	1	1/wk	14	0%	0
Mexico Point State Park (Town)	1	1/wk	14	7%	1

Beach	Tier	Assigned Monitoring Frequency	Total Samples	% of Samples Exceeding State Standards	Closing or Advisory Days
<b>Oswego County</b>					
Rainbow Shores	1	1/wk	14	0%	0
Sandy Island Beach State Park Beach	1	1/wk	15	0%	0
Selkirk Shores State Park Beach	1	not open	0	NA	0 (365)*
<b>Queens County</b>					
Breezy Point 219th Street	3	2/wk	9	0%	0
Breezy Point Reid Avenue	3	2/wk	10	0%	0
Douglas Manor	1	1/wk	60	25%	54
Rockaway Beach 126th–149th	3	2/mo	10	0%	0
Rockaway Beach 15th–22nd	3	2/mo	10	0%	0
Rockaway Beach 23rd–59th	3	2/mo	10	0%	0
Rockaway Beach 59th–80th	3	2/mo	10	0%	0
Rockaway Beach 80th–95th	3	2/mo	10	0%	0
Rockaway Beach 95th–116th	3	2/mo	10	0%	0
Rockaway Beach 9th–13th	3	2/mo	10	0%	0
Rockaway Beach–116th St. to 126th	3	2/mo	10	0%	0
Whitestone Beach	1	1/wk	60	17%	21
<b>Richmond County</b>					
Midland Beach/South Beach	2	1/wk	60	0%	0
South Beach	2	1/wk	60	8%	0
Wolfe's Pond Park	1	1/wk	63	5%	0
<b>Suffolk County</b>					
Albert's Landing Beach	3	1/mo	3	0%	0
Amagansett Beach Association	3	1/mo	5	0%	0
Amityville Beach	1	3/wk	68	10%	1
Asharoken Beach	2	2/wk	42	12%	1
Atlantic Avenue Beach	3	1/mo	5	0%	0
Atlantique Beach–Bay	2	1/wk	8	0%	0
Atlantique Beach–Ocean	3	1/mo	3	0%	0
Bath & Tennis Hotel	3	1/mo	4	0%	0
Bathing Corp of Southampton	3	1/mo	4	0%	0
Bay Hills Property Owners Association	2	2/wk	37	0%	1
Bayberry Beach and Tennis Club	2	3/wk	38	0%	1
Bayberry Cove Beach	2	2/wk	26	12%	1
Baycrest Association Beach	2	2/wk	37	5%	1
Bayport Beach	1	3/wk	68	4%	1
Bayview Beach	2	2/wk	26	0%	1
Beech Road Beach	1	2/wk	28	11%	4
Belle Terre Beach	2	2/wk	26	0%	0
Bellport Beach	3	1/mo	3	0%	0
Benjamins Beach	1	3/wk	47	28%	17

Beach	Tier	Assigned Monitoring Frequency	Total Samples	% of Samples Exceeding State Standards	Closing or Advisory Days
<b>Suffolk County</b>					
Bridgehampton Club	3	1/mo	4	0%	0
Bridgehampton Tennis and Surf	3	1/mo	4	0%	0
Brightwaters Beach	2	2/wk	39	3%	1
Broadway Beach	2	2/wk	23	9%	1
Callahan's Beach	2	2/wk	39	5%	1
Camp Baiting Hollow	3	2/mo	15	13%	2
Camp Blue Bay	2	2/mo	3	0%	0
Camp De Wolfe	3	1/mo	14	7%	0
Camp Quinipet	3	2/mo	10	0%	0
Cedar Beach	3	2/mo	3	0%	0
Cedar Beach East–Mt. Sinai	2	2/wk	25	0%	0
Cedar Beach West–Mt. Sinai	2	2/wk	25	4%	0
Centerport Beach	2	2/wk	39	5%	1
Centerport Yacht Club	1	3/wk	40	10%	0 (365)*
Clearwater Beach	3	1/mo	3	0%	0
Club at Point O' Woods–Ocean	3	1/mo	2	0%	0
Cold Spring Harbor Beach Club	1	3/wk	37	3%	1
Coopers Neck Beach	3	1/mo	4	0%	0
Copiague Harbor	2	2/wk	34	0%	1
Corey Creek Beach	2	3/wk	40	5%	1
Cornell Co-Operative Extension Marine Center	3	2/mo	11	0%	0
Crab Meadow Beach	2	2/wk	39	3%	1
Crescent Beach–Huntington	2	2/wk	39	8%	4
Crescent Beach–Shelter Island	3	2/mo	10	0%	0
Culloden Shores	3	1/mo	5	0%	0
Cupsogue County Park	3	1/mo	4	0%	0
Davis Park Beach	3	1/mo	3	0%	0
Devon Yacht Club	3	1/mo	3	0%	0
Ditch Plains Beach	3	1/mo	5	0%	0
Dorothy P. Flint Camp	3	2/mo	12	0%	0
Dune Deck Hotel	3	1/mo	4	0%	0
Dunewood Beach	3	1/mo	3	0%	0
Dunewood Property Owners Association Beach (Bay)	2	1/wk	8	0%	0
Eagle Dock Community Beach	1	3/wk	30	3%	1
East Islip Beach	2	3/wk	43	14%	3
East Lake Drive Beach	3	1/mo	5	0%	0
Fair Harbor–Ocean	3	1/mo	3	0%	0
Fair Harbor Community Association–Bay	2	1/wk	8	0%	0
Fiddlers Green Association	3	2/wk	37	0%	0

Beach	Tier	Assigned Monitoring Frequency	Total Samples	% of Samples Exceeding State Standards	Closing or Advisory Days
<b>Suffolk County</b>					
Fifth Street Park Beach	2	1/mo	11	0%	0
Fisher's Island Country Club	3	1/mo	1	0%	0
Fleets Cove Beach	1	3/wk	39	10%	1
Fleets Neck Beach	3	2/mo	11	0%	0
Flying Point	3	1/mo	4	0%	0
Foster Memorial	3	2/mo	6	0%	0
Founder's Landing	2	1/wk	14	14%	0
Friendship Drive Beach	2	2/wk	24	4%	1
Georgica Beach	3	1/mo	3	0%	0
Gilgo Beach	3	2/mo	3	0%	0
Gold Star Battalion Beach	1	3/wk	39	3%	1
Goose Creek	2	1/wk	12	8%	0
Grantland Beach	1	2/wk	28	21%	1
Great Gun Beach	3	1/mo	3	0%	0
Gurney's Inn Resort and Spa	3	1/mo	5	0%	0
Haven's Beach	2	2/wk	25	8%	1
Hay Harbor Club	3	1/mo	1	0%	0
Head of the Bay Club	2	2/wk	38	3%	1
Heckscher State Park-Overlook Beach	2	1/wk	11	0%	0
Heckscher State Park-West Beach	2	1/wk	15	13%	3
Hither Hills State Park Beach	2	1/wk	15	0%	0
Hobart Beach-Bay	2	2/wk	39	5%	1
Hobart Beach-Inlet/Sound	2	2/wk	39	3%	1
Huntington Beach Community Association	1	3/wk	47	17%	15
Indian Field Beach	2	2/wk	25	4%	1
Indian Wells Beach	3	1/mo	5	0%	0
Iron Pier Beach	3	2/mo	15	13%	2
Island People's Project (Dock Beach)	3	1/mo	1	0%	0
Islip Beach	2	3/wk	42	17%	4
Kenny's Beach	3	2/mo	11	0%	0
Kirk Park Beach	3	2/mo	5	0%	0
Kismet Beach-Ocean	3	1/mo	3	0%	0
Knollwood Beach	1	3/wk	37	3%	1
La Ronde Beach Club	3	1/mo	4	0%	0
Lashley Pavilion	3	1/mo	4	0%	0
Little Bay Beach	2	2/wk	27	7%	1
Lloyd Harbor Estates	3	2/wk	36	0%	0
Lloyd Harbor Village Park	2	2/wk	37	0%	1
Lloyd Neck Bath Club	2	2/wk	38	3%	0

Beach	Tier	Assigned Monitoring Frequency	Total Samples	% of Samples Exceeding State Standards	Closing or Advisory Days
<b>Suffolk County</b>					
Long Beach	2	2/wk	26	0%	1
Maidstone Beach	3	1/mo	3	0%	0
Maidstone Club	3	1/mo	3	0%	0
Main Beach	3	1/mo	3	0%	0
Mattituck Breakwater Beach	2	2/wk	13	0%	0
McCabe's Beach	3	1/mo	11	0%	0
Mecox Beach	3	1/mo	4	0%	0
Meschutt Beach	3	2/mo	6	0%	0
Miller Beach Surf Club	2	2/wk	25	0%	0
Miller Place Park	2	not open	0	NA	0 (365)*
Nassau Point Causeway	3	2/mo	11	0%	0
Nathan Hale Beach Club	2	2/wk	37	3%	1
New Suffolk Beach	3	2/mo	11	0%	0
Nick's Beach	3	1/mo	5	0%	0
Nissequogue Point Beach	2	2/wk	29	14%	2
Norman Klipp Park	3	1/mo	11	0%	0
Ocean Beach–Bay	2	1/wk	9	11%	0
Ocean Beach–Ocean	3	1/mo	3	0%	0
Old Field Club	2	2/wk	26	0%	0
Orient Beach State Park Beach	2	1/wk	12	8%	0
Overlook Beach	3	1/mo	3	0%	0
Patchogue Village Pool and Beach Club	2	3/wk	33	3%	1
Peconic Dunes Camp–Sound	3	2/mo	10	0%	0
Perlman Music Camp	3	2/mo	10	0%	0
Pikes Beach	3	1/mo	4	0%	0
Point O' Woods Association–Bay	2	1/wk	7	0%	0
Ponquogue Beach	3	1/mo	4	0%	0
Port Jefferson Beach East	2	2/wk	18	0%	0
Port Jefferson Beach West	2	2/wk	26	0%	0
Prices Bend Beach	2	2/wk	40	8%	2
Pridwin Hotel	3	2/mo	10	10%	0
Quantuck Beach Club	3	1/mo	4	0%	0
Quogue Beach Club	3	1/mo	4	0%	0
Quogue Village Beach	3	1/mo	4	0%	0
Reeves Beach	3	2/mo	13	0%	0
Robert Moses State Park Beach–Suffolk County	2	1/wk	63	2%	0
Rogers Pavilion	3	1/mo	4	0%	0
Sagg Main Beach	3	1/mo	5	20%	0
Saltaire Beach–Bay	2	1/wk	7	0%	0

Beach	Tier	Assigned Monitoring Frequency	Total Samples	% of Samples Exceeding State Standards	Closing or Advisory Days
<b>Suffolk County</b>					
Saltaire Beach–Ocean	3	1/mo	3	0%	0
Sandspit Beach	2	not open	22	5%	0 (365)*
Sayville Beach	1	3/wk	66	8%	1
Sayville Marina Park	1	3/wk	65	3%	1
Schubert Beach	2	2/wk	26	0%	1
Scotts Beach	2	2/wk	24	0%	1
Seaview–Ocean	3	1/mo	3	0%	0
Seaview Beach Association (Bay)	2	1/wk	8	13%	0
Shelter Island Heights Beach Club	2	2/mo	10	0%	0
Shirley Beach	2	2/wk	36	0%	1
Shoreham Beach	2	2/wk	23	0%	1
Shoreham Shore Club	2	2/wk	25	0%	1
Shoreham Village Beach	2	2/wk	25	0%	1
Short Beach	2	2/wk	26	4%	1
Silver Sands Motel	2	1/wk	11	0%	0
Smith Point County Park	3	2/mo	14	0%	0
Sound Beach Property Owners Association East	1	not open	0	NA	0 (365)*
Sound Beach Property Owners Association West	1	2/wk	27	7%	1
Soundview Beach Association	2	2/wk	26	4%	1
South Jamesport Beach	3	2/mo	13	8%	0
Southampton Bath and Tennis	3	1/mo	4	0%	0
Southampton Peconic Beach and Tennis Club	3	1/mo	6	0%	0
Southold Beach	3	2/mo	11	0%	0
Steers Beach	2	3/wk	42	14%	1
Stony Brook Beach	2	not open	19	0%	0 (365)*
Stony Brook Yacht Club	1	3/wk	29	7%	1
Sunken Meadow State Park Beach	2	1/wk	17	6%	0
Surf Club of Quogue	3	1/mo	4	0%	0
Swordfish Club	3	1/mo	4	0%	0
Tanner Park	1	3/wk	68	21%	25
Terraces on the Sound	1	3/wk	24	0%	1
Tiana Beach	3	2/mo	4	0%	0
Tiana Shores Association	2	2/mo	7	14%	0
Tides Property Owners Association	1	3/wk	30	20%	8
Two-Mile Hollow Beach	3	1/mo	3	0%	0
Valley Grove Beach	1	3/wk	39	3%	1
Venetian Shores	1	3/wk	67	3%	1
Veterans Memorial Park	3	2/mo	13	0%	0

Beach	Tier	Assigned Monitoring Frequency	Total Samples	% of Samples Exceeding State Standards	Closing or Advisory Days
<b>Suffolk County</b>					
W. Scott Cameron	3	2/mo	4	0%	0
Wades Beach	3	2/mo	10	0%	0
Wading River Beach	3	2/mo	14	7%	0
Water Mill Beach Club	3	1/mo	4	0%	0
West Islip Beach	1	3/wk	40	8%	1
West Meadow Beach	2	2/wk	26	0%	0
West Neck Beach	2	2/wk	37	0%	0
West Oaks Recreation Club	2	3/wk	38	0%	1
Westhampton House	3	1/mo	4	0%	0
Wildwood State Park Beach	2	1/wk	12	8%	0
Wincoma Beach	2	2/wk	37	0%	1
Woodcliff Park Property Owners Association	3	2/mo	13	0%	0
Woodhull Landing	2	not open	0	NA	0 (365)*
Yardarm Condominium South	3	1/mo	4	0%	0
<b>Wayne County</b>					
Pultneyville Mariners Beach	3	1/wk	18	56%	30
Sodus Point Lakeside park	3	1/wk	9	22%	2
Sodus Point Park Bayside	3	1/wk	6	0%	0
<b>Westchester County</b>					
American Yacht Club	2	1/wk	19	5%	0
Beach Point Club	1	1/wk	18	6%	9
Beckwithe Pointe	1	1/wk	18	0%	0
Coveleigh Beach Club	2	1/wk	19	5%	9
Davenport Club	2	1/wk	18	6%	9
Echo Bay Yacht Club	1	1/wk	17	12%	13
Glen Island Park	1	1/wk	16	0%	0
Greentree Club	1	1/wk	18	6%	9
Harbor Island Beach	1	1/wk	53	8%	9
Hudson Park	1	1/wk	36	6%	9
Isle of Sans Souci	3	not open	0	NA	0 (365)*
Larchmont Manor Park	1	1/wk	19	5%	0
Larchmont Shore Club	1	1/wk	18	0%	0
Mamaroneck Beach and Cabana Club	1	1/wk	18	11%	9
Manunsing Island Club	2	1/wk	19	5%	0
Marinas Edge	3	not open	0	NA	0 (365)*
New Rochelle Rowing Club	3	1/wk	15	0%	0
Oriente Beach Club	1	1/wk	18	6%	9
Rye Playland Beach	1	1/wk	17	0%	0
Rye Town Park–Oakland Beach	1	1/wk	18	0%	0

Beach	Tier	Assigned Monitoring Frequency	Total Samples	% of Samples Exceeding State Standards	Closing or Advisory Days
<b>Westchester County</b>					
Shenorock Shore Club	2	1/wk	19	5%	0
Shore Acres Club	1	1/wk	18	11%	9
Surf Club	1	1/wk	21	24%	0
VIP Club	2	1/wk	19	5%	0
Westchester Country Club Beach	1	1/wk	19	5%	0

\*Reported closing or advisory days are for events lasting six consecutive weeks or less. Number of days in parentheses are for events lasting more than six consecutive weeks.

## NOTES

- 1 "Sustainable Stormwater Management Plan." New York City Department of Environmental Protection. 2008.
- 2 Eric Wiegert. New York State Department of Health, personal communication. May 2011.
- 3 Lily Huang. New York City Department of Health and Mental Hygiene, personal communication. June 2007.

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*Testing the Waters 2011 reflects data as of June 27, 2011.*