

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II

DATE:

SUBJECT: New York Bight Monitoring Program Observations, 2006

FROM: Helen Grebe, Regional Coastal Monitoring Coordinator
Monitoring Operations Section (DESA-MOS)

TO: Barbara A. Finazzo, Director
Division of Environmental Science and Assessment (DESA)

THRU: John S. Kushwara, Chief
Monitoring and Assessment Branch (DESA-MAB)

Attached for your information is the first update of the 2006 NY Bight Monitoring Program. This update covers the period from May 29 – June 9, 2006.

Attachment

cc: Alan J. Steinberg, 2RA, via LAN
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Dore LaPosta, 2DECA, via LAN
Walter Mugdan, 2DEPP, via LAN
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2MOS-MAB-DESA:HGrebe:hg:x6797:bldg209:finalized:6/9/06

2MOS-MAB

2MOS-MAB

2MAB-DESA

Grebe

Braun

Kushwara

UPDATE OF NY BIGHT MONITORING PROGRAM FROM May 29 – June 9, 2006

NY Bight Sampling has been as follows:

May 29	NY/NJ Harbor Complex	Overflight
May 30	NY/NJ Harbor Complex	Overflight
	Long Island Beaches	Rockaway to Shinnecock Inlet
May 31	NY/NJ Harbor Complex	Overflight
	New Jersey Beaches	Sandy Hook Beach
June 1	NY/NJ Harbor Complex	Overflight
June 2	NY/NJ Harbor Complex	Overflight
June 3	NY/NJ Harbor Complex	Cancelled Due to Rain
June 5	NY/NJ Harbor Complex	Overflight
June 6	NY/NJ Harbor Complex	Overflight
	Long Island Beaches	Rockaway to Shinnecock Inlet
June 7	NY/NJ Harbor Complex	Overflight
	New Jersey Beaches	Cancelled Due to Rain
June 8	NY/NJ Harbor Complex	Overflight
June 9	NY/NJ Harbor Complex	Overflight

Floatables

The New York/New Jersey Harbor Complex was monitored for floatables ten times from May 29 through June 9, 2006. The Harbor Complex was clear of significant floatable debris on May 30, 31, June 1, 2, 5, 6, 7, 8 and 9.

On May 29, Memorial Day, a slick, approximately ¼ miles long, was reported in Newark Bay. A second slick, approximately ½ miles long of light density, was reported in the Lower New York Harbor. Both slicks consisted of large wood and trash. The Army Corps of Engineers vessels were not operating on Memorial Day.

On June 8, an oily sheen, approximately one mile long by 10 to 20 feet wide was reported in Newark Bay. The sheen was reported to the US Coast Guard.

Bacteria

On May 30 and June 6, bacteriological samples were taken along the Long Island coast from Rockaway Point (LIC01) to Shinnecock Inlet East (LIC28). On May 31 and June 7, except for one station, Sandy Hook (JC01A), all sampling for the New Jersey coast was canceled due to poor weather conditions. The Long Island samples were tested for fecal coliform (FC) and enterococcus bacteria. The New Jersey sample was analyzed for enterococcus bacteria.

On May 30, along the Long Island coast, the highest fecal coliform count, 7 FC/100ml, occurred at Rockaway Beach (LIC01). The highest enterococcus count, 20 enterococci/100ml, occurred at Short Beach (LIC12).

On May 31, the result for the sample collected at Sandy Hook (JC01A) was 8 enterococci/100ml.

On June 6, along the Long Island coast, the highest fecal coliform count, 5 FC/100ml, occurred at Far Rockaway (LIC05). The highest enterococcus count, 6 enterococci/100ml, occurred at East Overlook (LIC14).

All bacteriological values are below single sample maximum water quality standards.