

11th Update of the 2008 Helicopter Monitoring Program

Floatables:

The New York/New Jersey Harbor Complex was monitored for floatables six times from August 9 - 15. The Harbor was clear of significant floatables on August 9, 11, 12, and 13.

On August 14, a slick, approximately 200 feet long by 50 feet wide, was reported in Newark Bay.

On August 15, a slick, approximately one mile long by 50 feet wide, was reported in the Upper Harbor.

All floatable debris slicks consisted of large wood, paper and plastics and were reported to Army Corps of Engineers. The Army Corps of Engineers conducted clean-ups as necessary.

Sampling:

Water quality samples were collected at 26 locations from Rockaway to Shinnecock Inlet, on August 14. Samples were given to the New York State Department of Environmental Conservation (NYSDEC) to conduct bacteriological analyses. These samples help fulfill NYSDEC's commitments to the National Shellfish Sanitation Program.

Bottom water samples were collected for dissolved oxygen (DO) analysis at stations one and nine miles off the coast of New Jersey at the following areas: Sandy Hook (NYB20), Long Branch (JC14), Belmar (JC27), Bay Head (JC41), Seaside Heights (JC53), Barnegat (JC61), Beach Haven (JC69), Atlantic City (JC75), Strathmere (JC85) and Hereford (JC90), on August 13. Station NYB20 and stations ending with an "E" are approximately one nautical mile off the coast, and station NYB21 and stations ending with a "G" are approximately three nautical miles off the coast.

Results, analyzed and reported by NJDEP are attached.

The lowest DO value, 3.3 mg/l, occurred one nautical mile off Atlantic City, (JC75E). All values are typical for this time of year.

8/13/2008

Station	Time	Temp	DO	dup	trip
NYB20	942	17.1	5.55		
JC14E	1004	18.4	3.8		
JC27E	1010	16.8	4.9		
JC41E	1046	15.7	3.4		
JC53E	1103	16.6	3.9		
JC61E	1111	22.1	7.1		
JC69E	1133	21.7	6.7		
JC75E	1149	19.2	3.3		
JC85E	1244	20.1	3.7		
JC90E	1258	21.3	5.85		
NYB21	948	17.1	6.85		
JC14G	958	16.3	5.2		
JC27G	1013	16.1	5.05		
JC41G	1043	15	4.6		
JC53G	1057	15.5	4.3		
JC61G	1114	17.2	4.2		
JC69G	1127	15.6	4.6	4.5	4.7
JC75G	1145	16.6	4.35		
JC85G	1239	17.9	4.35		
JC90G	1252	20.9	6.8		