

## **14th Update of the 2008 Helicopter Monitoring Program**

### **Floatables:**

The New York/New Jersey Harbor Complex was monitored for floatables two times from August 30 - September 2. The Harbor was clear of significant floatables on September 1 and 2. The floatable flight was not conducted on August 30 due to rain.

### **Sampling:**

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 September 2. 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, 2.4 mg/l, occurred one nautical mile off Belmar, (JC27E). According to dissolved oxygen guidelines, dissolved oxygen concentrations between 2 and 3 mg/l are considered lethal if prolonged.

**date:** 9/2/2008

Station	Time	Temp	Surf T	DO	dup	trip
NYB20	822	18.4	21.6	3.6		
JC14E	827	16.6	21.6	4.7		
JC27E	836	20.1	21.2	2.4		
JC41E	831	17.3	22.3	5.05		
JC53E	842	17.6	22.4	4.25		
JC61E	845	16.6	22.3	6.6		
JC69E	915	18.5	22.7	5.9		
JC75E	918	15.4	22.9	5.7		
JC85E	928	20.4	23.1	4.75		
JC90E	930	20.9	23	5.25		
NYB21	939	21.9		LA		
JC14G	944	22.2		4.4		
JC27G	956	22.6		3.45		
JC41G	959	19.9		4.5		
JC53G	1012	22.8		6.9		
JC61G	1008	22.2		7.2		
JC69G	1028	22.7		3.15		
JC75G	1022	21.7		6.3		
JC85G	1042	22.4		4.3		
JC90G	1038	22.7		6.8		