

## MEMORANDUM

From: Dewberry

On behalf of:



New Jersey Department of Environmental Protection  
Environmental Management - Assistant Commissioner's Office  
Mail Code: 401-03B  
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(609) 292-2795 FAX: (609) 777-1330

DATE: Thursday April 11, 2013

RE: Superstorm Sandy: State of New Jersey Waterway Debris Removal Project

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### **NORTHERN REGION:**

To Date:

- Total cubic yards of debris removed (inland): 1,449.5
- Total large debris (vessels, cars, etc.): 15 vessels
- Total verified acres surveyed by side-scan sonar: 9,105
- Total targets identified: 612
- Total targets retrieved: 70
- Total targets disqualified/below draft depth: 57

Today's Operations:

- Side scan sonar surveys were performed in the upper Hudson River (~300 acres), the Hackensack River (~150 acres), upper NY Harbor in the Jersey City to Bayonne area (~462 acres), and on the Arthur Kill (~50 acres). Debris recovered from this area totaled ~510 cubic yards and included recovery of 13 targets from the Hackensack River.
- Side scan sonar surveys were also performed in Raritan Bay (~1350 acres) and in Washington Canal (~150 acres). Debris recovery continued in Matawan Creek (~100 cubic yards).

Forecasted Operations:

- Anticipated high winds (~40 mph) in the area will prevent debris recovery and side scan sonar operations on Friday.
- Saturday: Side scan sonar surveys: NY Bay, Newark Bay, Raritan Bay, Raritan River, Washington Canal
- Debris recovery: Hudson River, Cheesequake River

- Sunday: Side scan sonar surveys: NY Bay, Kill Van Kull, Raritan Bay, Raritan River, Washington Canal
- Monday: Side scan sonar surveys: Hudson River, Kill Van Kull, Raritan Bay, Raritan River, Washington Canal
- Debris recovery: Hackensack River, Cheesequake River

### **CENTRAL REGION:**

To Date:

- Total cubic yards of debris removed: 9,720.4
- Total large debris (vessels, cars, etc.): 9 vessels, 3 vehicles
- Total verified acres surveyed by side-scan sonar: 7,803.1
- Total targets identified: 995
- Total targets retrieved: 641

Today's Operations:

- Recovery of visible, floating, and targeted debris adjacent to Lavallette, Seaside Heights, and Toms River.

Forecasted Operations:

- Recovery of visible, floating, and targeted debris will resume in the areas of Toms River, and west of Lavallette, and Seaside Heights. Side scan sonar surveys will continue west of the State Park.

### **SOUTHERN REGION:**

To Date:

- Total cubic yards of debris removed (inland): 5,249
- Total large debris (vessels, cars, etc.): 0
- Total verified acres surveyed by side-scan sonar: 7,786
- Total targets identified: 2,677
- Total targets retrieved: 67
- Total targets disqualified/below draft depth: 62

Today's Operations:

- Continued debris recovery on Egg and Cedar Bonnet Islands. Anticipate both being completed Saturday. Debris recovery continued around Mystic Island and began on Osborne Island.
- Debris recovery continued in the marinas on the Maurice River and the approach to the river.
- A total of 341 cubic yards of debris was recovered today.

Forecasted Operations

- All debris recovery and scanning work will be suspended Friday due to weather. The temporary offloading site (TOLS) at Ship Bottom will be cleaned Friday in preparation for use as a registration area for a 5k road race. No operations will take place at this TOLS during the race.

- Debris recovery operations will resume Saturday on Thoroughfare Island, Mystic Island, and the Maurice River.

Report debris at 1-877-WARN-DEP

Additional information available at:

<http://www.nj.gov/dep/special/hurricane-sandy/wwdebris.htm>

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