

## MEMORANDUM

From: Dewberry

On behalf of:



New Jersey Department of Environmental Protection  
Environmental Management - Assistant Commissioner's Office  
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DATE: April 9, 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.): 14 vessels
- Total verified acres surveyed by side-scan sonar: 7,131
- Total targets identified: 596
- Total targets retrieved: 66
- Total targets disqualified/below draft depth: 57

Today's Operations:

- Side scan sonar surveys were performed on the upper Hudson River (~400 acres), on the Hackensack River (~285 acres), and on the Arthur Kill (~200 acres) heading south. 13 targets were removed from the Hackensack River below Route 3 (~30 cubic yards).
- Side scan sonar surveys were performed in Raritan Bay along the coastline (~230 acres), in Raritan River (~200 acres), and verification surveys were performed in marinas on Matawan Creek (~85 acres). Floating and partially submerged debris was recovered along Matawan Creek (~100 cubic yards). Four targets will be removed later today.

Forecasted Operations

- Surveys will be performed on the Hudson River, Hackensack River, and Kill Van Kull. Two submerged vessels will be removed from Elco Boat basin in Bayonne.
- Surveys will continue in Raritan Bay and upper Raritan Bay. Floating and partially submerged debris recovery will continue along the Matawan Creek.

- Thursday: Surveys in NY Bay, Newark Bay, Raritan Bay, Raritan River, Washington Canal; Target Recovery in Hudson River, Cheesequake River
- Friday: Surveys in NY Bay, Newark Bay, Raritan Bay, Raritan River, Washington Canal; Target Recovery in Hudson River, Cheesequake River
- Saturday: Surveys in NY Bay, Newark Bay, Raritan Bay, Raritan River, Washington Canal; Target Recovery in Hudson River, Cheesequake River.

**CENTRAL REGION:**

To Date:

- Total cubic yards of debris removed (inland): 8,648.4
- Total large debris (vessels, cars, etc.): 5 vessels, 3 vehicles
- Total verified acres surveyed by side-scan sonar: 7,803
- Total targets identified: 953
- Total targets retrieved: 592

Today's Operations:

- Debris recovery continued in the areas of Lavallette, Seaside Heights, and Toms River. 502.2 cubic yards of debris were recovered from these areas.
- Side scan sonar surveys were conducted west of the State Park.

Forecasted Operations:

- Debris recovery will continue in the areas of Toms River, Lavallette, and Seaside Heights.
- Side scan sonar will continue in Zone 6 west of the State Park.

**SOUTHERN REGION:**

To Date:

- Total cubic yards of debris removed (inland): 4,818
- Total verified acres surveyed by side-scan sonar: 7,786
- Total targets identified: 2,677
- Total targets retrieved: 48
- Total targets disqualified/below draft depth: 74

Today's Operations:

- Debris recovery continued on Egg, Cedar Bonnet, and Mystic Islands. Expecting that Egg Island will be complete tomorrow.
- Target recovery continued in the marinas and delta of the Maurice River.
- A total of 138 cubic yards of debris was recovered today.

Forecasted Operations:

- Debris recovery will continue on Cedar Bonnet, Egg, Mystic, and Thoroughfare Islands as well as on the Maurice River.
- Debris recovery on Thoroughfare Island is expected to continue for the next two or three days.
- Debris recovery at Mystic Island will continue for the next week.

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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