

## MEMORANDUM

From: Dewberry

On behalf of:



New Jersey Department of Environmental Protection  
Environmental Management - Assistant Commissioner's Office  
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DATE: Monday April 8, 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 (streams and back bay): 5,288
- Total targets identified: 584
- Total targets retrieved: 66
- Total targets disqualified/below draft depth: 57

Today's Operations:

- Side scan sonar surveys were performed on the Hackensack River above River Barge Park (~150 acres), in Newark Bay, and on the Hudson River (~200 acres). One vessel and a quantity of floating debris were removed near Dragon Fly Marina on the Hackensack River, as well as targets south of Route 3 (~120 cubic yards of debris).
- Side scan sonar surveys were conducted on Raritan Bay near Keyport (~700 acres). Floating and partially submerged debris was recovered on Matawan Creek and in Wagner's Twin Tower Marina (~115 cubic yards). A vessel near the marina will be removed this evening during higher tides.

Forecasted Operations:

- Tomorrow, side scan sonar surveys will be conducted on the Hudson, the Hackensack, and the Arthur Kill south. Targets will be removed on the Hackensack below Route 3. Side scan sonar surveys will continue along the coastline of Raritan Bay with target removal along Matawan Creek.

- Wed: Survey: NY Bay, Newark Bay, Raritan Bay, Raritan River, Washington Canal; Target recovery in Hudson River and Matawan Creek
- Thurs: Survey: NY Bay, Newark Bay, Raritan Bay, Raritan River, Washington Canal; Target Recovery Hudson River and Cheesequake Creek
- Fri: Survey: NY Bay, Newark Bay, Raritan Bay, Raritan River, Washington Canal; Target Recovery Hudson River and Cheesequake Creek

**CENTRAL REGION:**

To Date:

- Total cubic yards of debris removed: 8,846.2
- Total verified acres surveyed by side-scan sonar: 7,803.1
- Total targets identified: 844
- Total targets retrieved: 535

Today's Operations:

- Recovery of visible, floating, and targeted debris occurred south of the Rt. 37 bridge, and in the areas of Lavallette, Seaside Heights, and Tom's River.
- Side scan sonar surveys were performed west of Seaside.

Forecasted Operations:

- Recovery of visible, floating, and targeted debris will continue on Tom's River, and west of Lavallette and Seaside Heights.
- Side scan sonar surveys will be performed in areas west of the State Park.

**SOUTHERN REGION:**

To Date:

- Total cubic yards of debris removed (inland): 4,478
- Total acres surveyed by side-scan sonar: 8,457 (not yet verified)
- Total targets identified: 2,677
- Total targets retrieved: 48
- Total targets disqualified/below draft depth: 26

Today's Operations:

- Recovery of debris continued on Flat, High, and Mystic Islands and started on Cedar Bonnet Island. Debris recovery on Flat and High Islands is complete.
- Recovery of debris continued in and around marinas on the Maurice River and the river delta.
- A total of 326 cubic yards of debris was recovered today.

Forecasted Operations:

- Debris recovery will continue on Cedar Bonnet, Egg, Mystic, and Thoroughfare Islands as well as the Maurice River.
- Debris recovery activity is expected in the Mystic Island area through at least 4/14/13; Egg and Cedar Bonnet Islands through 4/10/13.

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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