

## MEMORANDUM

From: Dewberry

On behalf of:



New Jersey Department of Environmental Protection  
Environmental Management - Assistant Commissioner's Office  
Mail Code: 401-03B  
PO Box 420  
Trenton, NJ 08625  
(609) 292-2795 FAX: (609) 777-1330

DATE: April 10, 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: 8,172
- Total targets identified: 612
- Total targets retrieved: 70
- Total targets disqualified/below draft depth: 57

Today's Operations:

- Side scan sonar surveys were performed on the Hudson River (~350 acres), the Hackensack River (~200 acres), and the Upper Arthur Kill (~75 acres). One submerged vessel will also have been removed from Elco Boat Basin in Bayonne.
- Side scan sonar surveys continued in Raritan Bay (~900 acres) and the upper Raritan River (~250 acres). ~200 cubic yards of debris was removed from Matawan Creek.

Forecasted Operations

- Side scan sonar surveys will be performed on the upper Hudson River, upper NY Harbor, and in the area of Jersey City to Bayonne, as well as on the Arthur Kill.
- Floating, partially submerged debris, and targets will be removed from the Hackensack River.
- Side scan sonar surveys will be performed in Raritan Bay with debris removal continuing in Matawan Creek.
- Fri: Survey: NY Bay, Kill Van Kull, Raritan Bay, Raritan River, Washington Canal

- Target Recovery: Hudson River, Cheesequake River
- Sat: Survey: NY Bay, Kill Van Kull, Raritan Bay, Raritan River, Washington Canal
- Target Recovery: Hudson River, Cheesequake River
- Sun: Survey: NY Bay, Kill Van Kull, Raritan Bay, Raritan River, Washington Canal

### **CENTRAL REGION:**

To Date:

- Total cubic yards of debris removed (inland): 9,305
- Total large debris (vessels, cars, etc.): 9 vessels, 3 vehicles
- Total verified acres surveyed by side-scan sonar: 7,803
- Total targets identified: 953
- Total targets retrieved: 592

Today's Operations:

- Recovered debris near Lavallette, Seaside Heights, and Toms River. ~613.4 cubic yards recovered.
- Performed side scan sonar surveys west of the State Park.

Forecasted Operations:

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

### **SOUTHERN REGION:**

To Date:

- Total cubic yards of debris removed (inland): 4,956
- 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 Island. Expected that both islands will be complete Thursday. Continued debris recovery around Mystic Island and in marinas on the Maurice River and the approach to the river.

Forecasted Operations:

- Continue debris recovery on Cedar Bonnet, Egg, and Thoroughfare Islands, as well as Mystic Island, and both the northern and southern ends of the Maurice River.
- Debris recovery on Thoroughfare Island will continue for the next three days.
- Debris recovery on Mystic Island will continue for the next week.
- Debris recovery at the approach to Maurice River and on the Maurice River will continue for the next five days.

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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