

## 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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Trenton, NJ 08625  
(609) 292-2795 FAX: (609) 777-1330

DATE: Friday May 17, 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): 4,279
- Total large debris (vessels, cars, etc.): 29 vessels, 1 house
- Total verified acres surveyed by side-scan sonar: 29,136
- Estimated hydrographic survey acres: 114
- Total targets identified: 1912 (adjusted)
- Total targets retrieved: 469 (adjusted)
- Total targets disqualified/below draft depth: 929 (adjusted)

Yesterday's Operations:

- Target and debris removal continued in Raritan Bay, Raritan River, and at Union Beach. Side scan sonar was continued in Newark Bay; (~ 400 AC.).
- House removal in Union Beach has been completed.
- Debris removal commenced in the marsh area to the surgeline near Wagner's Marina at Matawan Creek and should be ongoing for the next week.

Forecasted Operations:

- Friday: Target and debris removal to continue in Raritan Bay and Matawan Creek.
- Four day outlook: Target and debris removal to continue in Raritan Bay, Smith Creek, and Matawan Creek.

## **CENTRAL REGION:**

### To Date:

- Total cubic yards of debris removed: 31,556
- Total large debris (vessels, cars, etc.): 53 vessels, 3 vehicles, 3 houses
- Total verified acres surveyed by side-scan sonar: 30,830
- Estimated hydrographic survey acres: 129
- Total targets identified: 2,049
- Total targets retrieved: 1,258
- Total targets disqualified/below draft depth: 368

### Yesterday's Operations:

- Removal of floating, visible, partially submerged and submerged debris continued in Zone 3 in the Navesink River between the Coopers Bridge at Fairhaven and the Oceanic Bridge in Rumson.
- Removal of debris to the surge line continued in Zone 3 at the Navesink River between the Coopers Bridge at Fairhaven and the Oceanic Bridge at Rumson.
- Target and debris removal continued in Zone 4 at the Manasquan River near Brick east of Route 70 Bridge to the inlet, Drum Point; in Zone 6 near Waretown; and Zone 7 near Stafford.
- Side scan sonar was continued in the Stafford area (Zone 7).

### Forecasted Operations:

- Friday: Removal of targeted and floating debris; as well as debris removal to the surpline to continue in Zone 3 at the Navesink River in the area of Rumson and Fairhaven.
- Target and debris removal to continue in Zone 4 at the Manasquan River near the North end of Brick, Point Pleasant, Drum Point; Zone 6 near Waretown; and Zone 7 near Stafford. Side scan sonar to continue in Zone 7 near Stafford.
- Five day outlook: Target and debris recovery will continue in Zone 3 near Navesink at Black Point Creek, Oceanic Bridge, Upper Navesink River, Monmouth Beach Channel, and Rumson County Club Channel.
- Target and debris removal will continue in Zone 6 near Waretown; and from the Forked River to Zone 7. Side scan sonar surveys to continue in and 7.

## **SOUTHERN REGION:**

### To Date:

- Total cubic yards of debris removed (inland): 10,135
- Total large debris (vessels, cars, etc.): 0
- Total verified acres surveyed by side-scan sonar: 14,568
- Estimated hydrographic survey acres: 0
- Total targets identified: 2,527
- Total targets retrieved: 97
- Total targets disqualified/below draft depth: 138

Yesterday's Operations:

- Target and debris removal to the surge line in Zone 8 along the eastern shores and creeks of the mainland near Westecunk Creek working south to Middle Creek, southeast of Absecon Bay, along the Bonita Tideway to the south and north to Steelman Bay, Patcong Creek, Cedarville area, and Greenwich Marina area.
- All eligible submerged targets were cleared from All Seasons, Minmar and Avalon Anchorage marinas.
- Target and debris removal was completed in DOT Channels #138 and #140.
- Side scan sonar survey Zone 9 along eastern and western bay perimeters from of Little Egg Harbor area, Zone 11 in the Delaware Bay; south and north of Bidwell Creek.
- Hydrographic surveys were conducted in Zone 11 at Waterfront Marina, Sea Village Marina, and Pleasantville Public Boat Launch area.

Forecasted Operations:

- Friday: Hand removal of debris will continue to the surge line along the eastern shoreline and creek of the mainland near the Middle Creek area, in Zone 9 surgeline near Thorofare Point, Cedarville, and Greenwich.
- Target and debris removal to continue in Zone 8 DOT Channels, Brigantine Harbor, Rum Point, Patcong Creek area, Grassy Sound Marina.
- Side scan sonar will continue in Zone 9 along the perimeter of bay areas, and Zone 11 in the Atlantic Ocean, and Delaware Bay; south and north of Bidwell Creek.
- Four day outlook: Debris removal along the east side of the mainland in Zone 8 near Mill Creek. Target and debris removal near Absecon Inlet and Bay, Brigantine Harbor, Rum Point, Atlantic City, Pleasantville, Ventnor, Back Creek, Dividing Creek, and Cedar Creek areas.

Report debris at 1-877-WARN-DEP or at [waterwaydebris@dep.state.nj.us](mailto:waterwaydebris@dep.state.nj.us).

Additional information available at:

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

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