

## 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: Thursday May 23, 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): 4,886
- Total large debris (vessels, cars, etc.): 28 vessels (adjusted)
- Estimated sediment removal (total cubic yards): 2,810
- Total verified acres surveyed by side-scan sonar: 31,518
- Estimated hydrographic survey acres: 114
- Total targets identified: 2013
- Total targets retrieved: 505
- Total targets disqualified/below draft depth: 992

Yesterday's Operations:

- Sediment removal continued in the Hackensack River at River Barge Marina
- Target and debris continued in Matawan Creek and Compton Creek.

Forecasted Operations:

- Thursday: Sediment removal to continue in Hackensack marinas and processing of sediment removal sample results and report development to begin.
- Target and debris recovery to continue in Raritan Bay, Matawan Creek.
- Four day outlook: Sediment removal in Hackensack and Hudson River marinas to continue. Target and debris removal to continue in Raritan Bay, and Matawan Creek.

## **CENTRAL REGION:**

### To Date:

- Total cubic yards of debris removed: 36,109
- Total large debris (vessels, cars, etc.): 65 vessels, 3 vehicles, 3 houses
- Total verified acres surveyed by side-scan sonar: 37,660
- Estimated hydrographic survey acres: 145
- Total targets identified: 2,109
- Total targets retrieved: 1,297
- Total targets disqualified/below draft depth: 380

### 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 surgeline 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 and Gull Island, Point Pleasant, Drum Point, Island Beach State Park, and Zone 7 near Stafford.

### Forecasted Operations:

- Thursday: Removal of targeted and floating debris; as well as debris removal to the surgeline 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, Island Beach State Park; 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): 11,770
- Total large debris (vessels, cars, etc.): 0
- Total verified acres surveyed by side-scan sonar: 42,165
- Estimated hydrographic survey acres: 48
- 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 Middle Creek, Patcong Creek, Tuckahoe River, Somers Point, West Wildwood, Cedarville, Maurice River, Back Creek, and Heislerville area .
- Target and debris removal in DOT Channel #147 and #148; (Zone 8), DOT Channels in Avalon and Wildwood; (Zone 11).
- Side scan sonar survey in Zone 9 in Great Bay, Basses Bay and Roundabout Creek.
- Side scan sonar in Zone 11 was cancelled due to weather conditions.

Forecasted Operations:

- Thursday: Hand removal of debris will continue in the surge line along the eastern shoreline and creek of the mainland near the Middle Creek, north of Great Bay Buolivard, Tuckerton Island, Mystic Island, Patcong Creek, Tuckahoe River, Somers Point, West Wildwood, Cedarville, Heislerville, and Back Creek.
- Target and debris removal to continue in Zone 8 DOT Channels, Patcong Creek near the Garden State Parkway, Tuckahoe Creek, Zone 11 DOT Channels near Sea Isle City and Avalon areas, and Venice Channel area.
- Side scan sonar will continue in Zone 8 bay perimeters and south from Avalon.
- Four day outlook: Debris removal along the east side of the mainland in Zone 8 near Mill Creek. Target and debris removal near Seal Isle, Avalon, Cedar Creek and Heislerville.

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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