

## 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 30, 2013

RE: Superstorm Sandy: State of New Jersey Waterway Debris Removal Project

**~For Official Use Only~**

### NORTHERN REGION:

To Date:

- Total cubic yards of debris removed (inland): 5,402
- Total large debris (vessels, cars, etc.): 28 vessels
- Total cubic yards of sediment removal: 11,921
- Total verified acres surveyed by side-scan sonar: 32,302
- Estimated hydrographic survey acres: 177
- Total targets identified: 2,013
- Total targets retrieved: 514
- Total targets disqualified/below draft depth: 993

Yesterday's Operations:

- Sediment removal continued in River Barge Marina and Dragonfly Marina in the Hackensack River. Debris and Target Removal occurred in the areas Liberty Landing Marina. Completed marsh cleanup in Matawan Creek area.

Forecasted Operations:

- Thursday: Sediment removal to continue in Hackensack marinas and the Hudson River marinas in Zone 1. Remaining targets will be recovered from the Hudson River. Debris and target removal will occur in the areas of Raritan Bay and Matawan Creek via water crew while a land crew will be recovering targets in Matawan and Cheesequake Creeks.

- Four day outlook: Sediment removal to continue in Hackensack and Hudson River marinas. Any remaining targets will be extracted in the Hudson River through the sediment removal process. Target and debris removal to continue in Raritan Bay, Matawan Creek and Cheesequake Creek.

## **CENTRAL REGION:**

### To Date:

- Total cubic yards of debris removed: 37,717
- Total large debris (vessels, cars, etc.): 68 vessels, 3 vehicles
- Estimated cubic yards of sediment removed: 2,207
- Total verified acres surveyed by side-scan sonar: 42,212
- Estimated hydrographic survey acres: 145
- Total targets identified: 2,295
- Total targets retrieved: 1,512
- Total targets disqualified/below draft depth: 248

### Yesterday's Operations:

- Debris and target removal crews worked at Gunning Island, in the Fairhaven and Rumson areas on the Navasink River, in the Manasquan River near the north end of Brick and Point Pleasant, and the Bayville and Drum Point area. Debris removal operations focused on removing visible and floating debris, as well as searching for submerged debris and targets in Zones 3, 4, and 7. Side Scan Sonar operations began from the Manasquan inlet to the Shark inlet on the ocean side.

### Forecasted Operations:

- Thursday: Sediment removal operations continue in zone 4, area 6. Target and debris removal on Gunning Island, the Navasink River, Manasquan river, Shark River, and the Drum Point area and Bayville area.
- 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. Sediment removal to continue in zone 4.

## **SOUTHERN REGION:**

### To Date:

- Total cubic yards of debris removed (inland): 12,730
- Total large debris (vessels, cars, etc.): 9 vessels
- Total verified acres surveyed by side-scan sonar: 42,165
- Estimated hydrographic survey acres: 48
- Total targets identified: 2,337
- Total targets retrieved: 364
- Total targets disqualified/below draft depth: 1,219

Yesterday's Operations:

- Completed Target and debris removal in DOT Channels 136 and 137 (Zone 8)
- Hand removal of debris to the surge line from marshlands, (Zone 9); Steelman Bay, (Zone 10); Patcong Creek, Cedarville at Cedar Creek, and Maurice River (Zone 11).
- Target and debris removal was performed in marshland (Zone 9); Patcong Creek, Somer's Point, Tuckahoe River, Jarvis Sound, Taylor Sound, and Richardson Sound (Zone 11).
- Side scan sonar was conducted in the Tuckerton Creek area and completed bathymetric survey of Shelter Cove Marina (Zone 9).

Forecasted Operations:

- Thursday: Hand debris removal in and around Brigantine Island, (Zone 10); and the Ocean City area, Cedarville and Bay Point (Zone 11).
- Target and debris removal in and around Brigantine Island (Zone 10); Patcong Creek and Ocean City Area, Cedarville and Bay Point (Zone 11).
- Side scan sonar to be performed in Long Beach Island area (Zone 9).
- Four day outlook: Target and debris removal to continue in Cape May County, Cedar Creek, Heislerville, and Back Creek moving towards Bay Point, (Zone 11). Side scan sonar continuing in Zones 8, 9, 10 and 11.

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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