

## 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 June 7, 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): 5,760
- Total number of large debris recovered: 38 Vessels
- Total verified sediment removal (total cubic yards): 22,431
- Total verified acres surveyed by side-scan sonar: 32,302
- Estimated hydrographic survey acres: 177
- Total targets identified: 1,963
- Total targets retrieved: 631
- Total targets disqualified/below draft depth: 1,194

Yesterday's Operations:

- Sediment removal continued on the Hackensack Marina including River Barge Marina, and Snipe Marina. Sediment removal will also continue in Edgewater Marina. Completed recovery of remaining debris in Cheesequake. All known and eligible debris has been recovered in Zone 2.

Forecasted Operations:

- Friday: In Zone 1, units are estimated to finish sediment removal of the Hackensack Creek and Hackensack marinas. Sediment removal will continue on Von Dohln and Edgewater Marinas.

- Four day outlook: In Zone 1 sediment removal is expected to continue on the Von Dohln and Edgewater Marinas. Sediment removal expected to begin on Smith Creek this weekend. In Zone 2, sediment removal is planning to commence on Shrewsbury as soon as a disposal site is identified.

Estimated Completion Dates of Current Tasks for Northern Region as of 5/26/2013:

Northern Region	
Activity	Estimated Completion
Floating Debris Removal	Early July
Bay Debris Removal	Early August
DOT Channel Sediment Removal	Early September
Marina Debris Removal	Mid-September
Marina Sediment Removal	Mid-September

### CENTRAL REGION:

To Date:

- Total cubic yards of debris removed: 43,869
- Total large debris (vessels, cars, etc.): 88 vessels, 3 vehicles
- Total estimated Sediment removed: 12,924
- Total verified acres surveyed by side-scan sonar: 43,847
- Estimated hydrographic survey acres: 159
- Total targets identified: 2,295
- Total targets retrieved: 1,725
- Total targets disqualified/below draft depth: 252

Yesterday's Operations:

- Sediment removal continued in Zone 4, area 6 and additional crews relocating beach quality sand to Brick Beach. Debris and target removal crews continued working 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. Sides can Sonar operations took place in Zones 6 and 7.

Forecasted Operations:

- Friday: Debris removal crews will continue working in the Navasink River, Gunning Island, Shark River, Manasquan River, Manatoloking, and Long Beach Island weather permitting.
- Five day outlook: Target and debris recovery will continue in Zone 3 near Navasink at Black Point Creek, Oceanic Bridge, Upper Navesink River, Monmouth Beach Channel, and Rumson County Club Channel. Operations on the Shark River to end within the week.

Estimated Completion Dates of Current Tasks for Central Region as of 5/26/2013:

Central Region	
Activity	Estimated Completion
Wetland Debris Removal	Early June
Blocked Storm Water Outfall Sediment Removal	Early June
Bays and Streams Debris Removal	Early June
Island Debris Removal	Mid-June
Hydrographic Survey	Mid-June
Ocean Side Scan Sonar	Mid-June
Ocean Debris Removal	Mid-June
Marina Sediment Removal	Mid-August
Bay/Lagoon Sediment Removal	Mid-August
DOT Channel Sediment Removal	Early October

**SOUTHERN REGION:**

To Date: **06/07/13**

- Total cubic yards of debris removed (inland): 14,380
- Total large debris (vessels, cars, etc.): 16 vessels
- Total verified acres surveyed by side-scan sonar: 64,420
- Estimated hydrographic survey acres: 177
- Total targets identified: 5,296
- Total targets retrieved: 345
- Total targets disqualified/below draft depth: 1,038

Yesterday's Operations:

- Hand removal of debris to the surge line from marshlands in the Tuckerton area, (Zone 9); Cedarville, and Bay's Point area of Cedar Creek, (Zone 11).
- Target and debris removal at the Absecon Inlet, (Zone 10); and Shooting Island, areas behind Ocean City, and Great Egg Harbor River (DOT Channel #177), (Zone 11).
- Side scan sonar was conducted in Tuckerton Cove and Horsefoot Cove areas (grids 9-1 and 9-2), (Zone 9); non-DOT areas of the Mullica River, (Zone 10); and at Maurice River Cove, (Zone 11).
- Vessel recovery was conducted in the West Creek area, (Zone 8); and off Admiral Dr., Tuckerton using hand labor to carry the vessel, (Zone 9).

Forecasted Operations:

- Friday:
  - All operations are suspended due to inclement weather, (Zone 8).
  - All activity is suspended due to weather conditions, (Zone 9).
  - Side Scan Sonar will be performed in the non-DOT areas of the Mullica River, (Zone 10).

- All other operations suspended due to weather, (Zone 10).
- All operations suspended due to weather conditions, (Zone 11).
- Four day outlook: Hand removal of debris to the surge line will be conducted at Radio Rd., near Mystic Island, (Zone 9); Ocean City area south including Strathmere, Sea Isle, Avalon, and Bay Point, (Zone 11). Target and debris removal will resume in Inland Bay, (Zone 8); Mystic Island (Zone 9); and Great Egg Harbor River (DOT Channel #177), (Zone 11). Side scan sonar continuing in Zones 8, 9, 10 and 11.

Estimated Completion Dates of Current Tasks for Southern Region as of 5/26/2013:

Southern Region	
Activity	Estimated Completion
Marina Debris Removal	Early June
Ocean Side Scan Sonar	Mid-June
DOT Channel Debris Removal	Mid-June
Island Debris Removal	Late June
State Wildlife Management Areas Debris Removal	Late June
Marsh Debris Removal	Late June
Rivers and Streams Side Scan Sonar	Late June
Rivers and Streams Debris Removal	Mid-July
Bay Debris Removal	Late July
Bay Side Scan Sonar	Late July
Ocean Debris Removal	Early August
DOT Channel Sediment Removal	Early September
Blocked Storm Water Outfall Sediment Removal	Early September
Lagoon Sediment Removal	Mid-September
Marina Sediment Removal	Early October

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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