

## 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: Thursday June 20, 2013

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

**~For Official Use Only~**

### **Important Message for Municipalities:**

We are asking for your assistance with the winding down of this massive project.

Since early March, the Department's waterway debris removal contractors have been removing Superstorm Sandy debris from the waters of New Jersey. Overall, greater than 85 percent of this debris (excluding sediment) has been removed to date. Your assistance in providing the Department with information about debris in your town has helped us to clean up our waterways quickly and smoothly.

As we near the end of the debris removal phase of the project, the contractors will be transitioning their resources and equipment from debris removal to sediment removal. Before debris removal operations end, it is important that you contact us with any additional reports of potentially FEMA-eligible Superstorm Sandy waterway debris.

**Please contact us at [waterwaydebris@dep.state.nj.us](mailto:waterwaydebris@dep.state.nj.us) or 1-877-WARNDEP (1-877-927-6337) by June 30<sup>th</sup> with any additional debris reports so they can be addressed while the contractors' resources and equipment are still available to attend to these needs.**

## NORTHERN REGION:

### To Date:

- Total cubic yards of debris removed (inland): 5,994
- Total number of large debris recovered: 38 vessels
- Total verified sediment removal (total cubic yards): 43,291
- Total verified acres surveyed by side scan sonar: 32,302
- Estimated hydrographic survey acres: 177
- Total targets identified: 1,917 (adjusted)
- Total targets retrieved: 701
- Total targets disqualified/below draft depth: 1,174

### Yesterday's Operations:

- Sediment removal continues in Smith Creek, Von Dohln Marina, and Edgewater Marina. Debris removal occurred in Weehawken.

### Forecasted Operations:

- Thursday: Continue sediment removal on Edgewater Marina, Von Dohln Marina, and Smith Creek Channel. Remaining debris will be cleared from Weehawken today and tomorrow.
- Four day outlook: In Zone 1, sediment removal will continue in Edgewater, Von Dohln Marinas and Smith Creek. Debris removal will continue in Weehawken. Sediment removal is expected to begin in Raritan Bay Yacht Club within the week. Sediment removal in Perth Amboy Marina, (Zone 1); and Compton's Creek (Zone 2) is currently on hold.

### Estimated Completion Dates of Current Tasks for Northern Region as of 6/13/2013:

Northern Region	
Activity	Estimated Completion
Marina Debris Removal	Late June
DOT Channel Sediment Removal	On Hold
Marina Sediment Removal	Mid-November

## CENTRAL REGION:

### To Date:

- Total cubic yards of debris removed: 52,417
- Total large debris (vessels, cars, etc.): 97 vessels, 3 vehicles
- Total estimated cubic yards of sediment removed: 14,956 (adjusted)
- Total verified acres surveyed by side scan sonar: 45,848
- Estimated hydrographic survey acres: 206
- Total targets identified: 2,529
- Total targets retrieved: 1,989
- Total targets disqualified/below draft depth: 357

Yesterday's Operations:

- Debris and target removal crews worked in the Navesink River, Shrewsbury River, Manasquan River, Silver Bay and Long Beach Island (LBI). Debris removal operations focused on removing visible and floating debris, as well as searching for submerged debris and targets in Zones 3 and 4. Sediment removal and sand screening operations continued in Zone 4, area 6 and Zone 4, area 5.

Forecasted Operations:

- Thursday: Debris removal crews will continue working in the Navesink River, Manasquan River, Shrewsbury River, Silver Bay, and Long Beach Island. Sediment removal to continue in Zone 4, areas 5 and 6 and sand screening and stockpiling activities to continue at Brick Beach 3.
- Five day outlook: Target and debris recovery will continue in Zone 3 near the Rumson and Fairhaven area at Black Point Creek, Oceanic Bridge, Upper Navesink River, Monmouth Beach Channel, and Rumson County Club Channel. Debris removal operations on the Shark River to end within the week. Sediment removal to continue in Zone 4, areas 5 and 6.

Estimated Completion Dates of Current Tasks for Central Region as of 6/13/2013:

Central Region	
Activity	Estimated Completion
Bays and Streams Debris Removal	Mid-June
Island Debris Removal	Mid-June
Floating Debris Removal	Late June
Ocean Side Scan Sonar	Late June
Ocean Debris Removal	Late June
Marina Sediment Removal	Early September
Bay/Lagoon Sediment Removal	Mid-September
DOT Channel Sediment Removal	Early November

**SOUTHERN REGION:**

To Date:

- Total cubic yards of debris removed (inland): 16,177
- Total large debris (vessels, cars, etc.): 19 vessels
- Total verified acres surveyed by side-scan sonar: 76,944
- Estimated hydrographic survey acres: 177
- Total targets identified: 6,803
- Total targets retrieved: 1,129
- Total targets disqualified/below draft depth: 4,068

Yesterday's Operations:

- Sediment sampling was performed at DOT Channel #145-Mill Creek, (Zone 8); and Great Bay, (Zone 9).

- Hydrographic survey was performed in Marine Max Marina, (Zone 8); and Great Bay Marina, (Zone 9).
- Topo/survey conducted at two outfalls in Beach Haven, (Zone 9).
- Scouting/target identification was performed at Morrison's Marina, (Zone 8);
- Surge line debris collection was conducted at Radio Road and Tip Seaman Road, (Zone 9); Route #30, (Zone 10); and Cedar Creek at Bay Point, (Zone 11).
- Target and debris removal from Mill Creek, (Zone 8); Little Sheepshead Creek, Little Thorofare Creek, Tuckerton Creek, Bass River, Ballenger Creek, and Wading Creek, (Zone 9); Absecon Creek, (Zone 10); and Avalon, Stone Harbor, DOT Channel #201-Otten Harbor Lagoon, DOT Channel #203-Otten Canal, Rueben-Warren Creek, Taylor/Jones Creek, Nantuxent Creek in Gandy's Beach, and Heislerville, (Zone 11).
- Side scan sonar was conducted in the south west section of Grid 8-4, (Zone 8); Reeds Bay, (Zone 10); and Great Egg Harbor Bay, (Zone 11).

#### Forecasted Operations:

- Thursday:
  - Sediment sampling in Morrison's Marina and Holgate Marina, (Zone 8).
  - Topo/survey of two (2) outfalls in Beach Haven, (Zone 9).
  - Target Identification and staking will be conducted in Bay Grids 8-1, 8-2, 8-3, 8-4, and 8-5, (Zone 8).
  - Surge line debris collection from Delaware Bay in Salem, Cedar Creek at Bay Point, and Nantuxent Creek, (Zone 11).
  - Target and debris removal from Parker Run Creek, Little Egg Harbor and tributaries, and Bay Grid 8-1, (Zone 8); Little Sheepshead Creek, Runabout Creek, and Big Creek, (Zone 9); Ballenger Creek, Wading Creek, and Bass Creek, (Zone 10); and DOT Channel # 205-Middle Thorofare, DOT Channel #206-Spicers Creek, DOT Channel #208-Schellengers Creek, Avalon, Wildwood, Stone Harbor area, and Salem River, (Zone 11).
  - Side Scan Sonar will be conducted in Reeds Bay and Absecon Bay, (Zone 10).
- Four-day outlook:
  - Surge line debris collection will continue at Delaware Bay in Salem, Cedar Creek at Bay Point and Nantuxent Creek, (Zone 11).
  - Target and debris removal will continue in Parker Run Creek, Little Egg Harbor and tributaries, and bay grid 8-1, (Zone 8); Little Sheepshead Creek, Runabout Creek, and Big Creek, (Zone 9); Ballenger Creek, Wading Creek, and Bass Creek, (Zone 10); and DOT Channel #205-Middle Thorofare, DOT Channel #206-Spicers Creek, DOT Channel #208-Schellengers Creek, Avalon, Wildwood, Stone Harbor area, and Salem River, (Zone 11).
  - Side scan sonar continuing in Zone 10.

Estimated Completion Dates of Current Tasks for Southern Region as of 6/13/2013:

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