

## 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, July 12, 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): 7,106
- Total number of large debris recovered: 38 vessels
- Total verified sediment removal (total cubic yards): 81,983
- Total verified acres surveyed by side scan sonar: 32,988
- Estimated hydrographic survey acres: 177
- Total targets identified: 1,896
- Total targets retrieved: 746
- Total targets disqualified/below draft depth: 1,059

#### Yesterday's Operations:

- Sediment removal is complete in the Edgewater Marina. Sediment removal will continue in Von Dohln Marina and the DOT Channel of Smiths Creek. Debris Removal will continue in Weehawken.

#### Forecasted Operations:

- Friday: Sediment removal will continue in Von Dohln Marina as well as the DOT Channel of Smiths Creek. Debris removal continues on the Hudson River.

- Four-day outlook: Sediment removal will continue in the Hudson marinas and Smiths Creek. Debris removal will continue on the Hudson River. Debris spotted in the Elizabeth Bay area to be assessed for debris removal.

Estimated Completion Dates of Current Tasks for Northern Region as of 7/5/2013:

| Northern Region              |                      |
|------------------------------|----------------------|
| Activity                     | Estimated Completion |
| Marina Debris Removal        | Early July           |
| DOT Channel Sediment Removal | Late August          |
| Marina Sediment Removal      | Mid-November         |

**CENTRAL REGION:**

To Date:

- Total cubic yards of debris removed: 61,186
- Total large debris (vessels, cars, etc.): 105 vessels, 4 vehicles
- Total estimated Sediment removed: 27,668
- Total verified acres surveyed by side scan sonar: 52,416
- Estimated hydrographic survey acres: 278
- Total targets identified: 5,111
- Total targets retrieved: 2,146
- Total targets disqualified/below draft depth: 2,965

Yesterday's Operations:

- Debris removal crews worked in the Navesink River, Metedeconk River, and Island Beach State Park removing punch list items and marshland debris. Dredging and sand screening operations continued in Zone 4, areas 5 & 6.

Forecasted Operations:

- Friday: Debris removal crews are working in the Navesink River, Metedeconk River, and Island Beach State Park in Zones 3, 4, and 7 removing punch list and marshland debris. Dredging and sand screening operations to continue in Zone 4, areas 5 & 6.
- Five-day outlook: Debris operations have achieved substantial completion and contractor will continue to respond to new debris sighting reports. Sediment removal and sand screening operations to continue in Zone 4, areas 5 and 6. Beach quality sand will continue to be relocated to Brick Beach III. Dredging operations are scheduled to begin in Zone 4, area 4 early next week.

Estimated Completion Dates of Current Tasks for Central Region as of 7/5/2013:

| Central Region               |                      |
|------------------------------|----------------------|
| Activity                     | Estimated Completion |
| Marina Sediment Removal      | Early September      |
| Bay/Lagoon Sediment Removal  | Mid-September        |
| DOT Channel Sediment Removal | Late October         |

**SOUTHERN REGION:**

To Date:

- Total cubic yards of debris removed (inland): 17,586
- Total large debris (vessels, cars, etc.): 40 vessels
- Total verified acres surveyed by side scan sonar: 94,068
- Estimated hydrographic survey acres: 177
- Total targets identified: 8,052
- Total targets retrieved: 2,283
- Total targets disqualified/below draft depth: 4,453

Yesterday's Operations:

- Operations suspended, (Zone 9).
- Target and debris removal was conducted in the lagoons in the Beach Haven West areas, (Zone 8); Brigantine Island, (Zone 10); and Corson, Ludlum Sound and 34<sup>th</sup> Street Bridge in Ocean City, (Zone 11).
- Target and pre-scouting was performed in Great Bay Grids 10-3, 10-4, 10-10, 10-11 and 10-12, (Zone 10).
- Vessel Recovery was performed, (Zone 8).

Forecasted Operations:

- Friday:
  - No activity scheduled, (Zone 10).
  - Prepare and plan for sediment removal, (Zones 8).
  - Target and debris removal will be conducted in the Beach Haven Heights lagoon, (Zone 8); Bass River, (Zone 9); and Ocean City, (Zone 11).
  - Vessel Recovery will be performed at Pennsylvania Ave., (Zone 9).
- Four-day outlook:
  - Plan and prep for sediment removal will continue, (Zone 8).
  - Target and debris removal will continue in Beach Haven Heights lagoon, (Zone 8); Bass River, (Zone 9); and Ocean City, (Zone 11).

Estimated Completion Dates of Current Tasks for Southern Region as of 7/5/2013:

| Southern Region                              |                      |
|--|----------------------|
| Activity                                     | Estimated Completion |
| Delaware Bay Debris Removal                  | Early July           |
| Ocean Debris Removal                         | Mid-July             |
| Rivers and Streams Debris Removal            | Mid-July             |
| Lagoon Debris Removal                        | Mid-July             |
| Bay Debris Removal                           | Mid-July             |
| Blocked Storm Water Outfall Sediment Removal | Late August          |
| Lagoon Sediment Removal                      | Early October        |
| DOT Channel Sediment Removal                 | Late October         |
| Marina Sediment Removal                      | Mid-November         |

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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