

## 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: Wednesday July 3, 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): 6,432
- Total number of large debris recovered: 38 vessels
- Total verified sediment removal (total cubic yards): 60,529
- 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 (adjusted)

#### Yesterday's Operations:

- Sediment removal is continuing in Edgewater Marina and Smiths Creek. Debris recovery continued on the Hudson River.

#### Forecasted Operations:

- Wednesday: Continue sediment removal in Smiths Creek. Debris recovery is occurring on the Hudson. Sediment removal on the Hudson River has been put on hold due to unit maintenance and repairs.
- Four-day outlook: No work will be occurring during the July 4<sup>th</sup> holiday; however, a team is available in case of an emergency situation. In Zone 1, sediment removal will continue

in the Hudson marinas and Smiths Creek. Debris Removal will continue in Hudson River area.

Estimated Completion Dates of Current Tasks for Northern Region as of 6/27/2013:

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

**CENTRAL REGION:**

To Date:

- Total cubic yards of debris removed: 58,750
- Total large debris (vessels, cars, etc.): 103 vessels, 4 vehicles
- Total estimated Sediment removed: 23,157
- 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 and target removal crews worked in the Shrewsbury River, Beaver Creek, and Island Beach State Park. Debris removal operations focused on removing visible and floating debris as well as searching for submerged debris and targets in Zones 3, 4, and 6. Sediment removal operations and sand screening operations continued in Zone 4, area 6.

Forecasted Operations:

- Wednesday: No operations to take place.
- Five-day outlook: Operations are on-hold for the July 4<sup>th</sup> Holiday weekend and will resume on Monday, July 8<sup>th</sup>. A team is available in case of an emergency situation.

Estimated Completion Dates of Current Tasks for Central Region as of 6/27/2013:

Central Region	
Activity	Estimated Completion
Bays and Streams Debris Removal	Early July
Ocean Debris Removal	Early July
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): 17,417
- Total large debris (vessels, cars, etc.): 35 vessels
- Total verified acres surveyed by side scan sonar: 76,944
- 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:

- Target identification/marketing was performed in lagoons in Tuckerton Green, (Zone 9).
- Target and debris removal from Beach Haven West lagoons, Parkertown lagoons in Little Egg Harbor Township, and Little Egg Harbor Yacht Club marina in Beach Haven Township, (Zone 8); Tuckerton Cove area, Holgate and Morrison's Marina, (Zone 9).
- Side scan sonar was performed in Bay Grids 8-19 and 8-23, (Zone 8); and Great Bay Grids 10-4, 10-11 and 10-12, (Zone 10).
- Vessel recovery in Patcong Creek, (Zone 11).

Forecasted Operations:

- Wednesday:
  - No activity scheduled for today in (Zone 9).
  - Target identification/marketing will be conducted in Grids 10-2-14, 10-14-16, and 10-19-23, (Zone 10).
  - Target and debris removal from Mill Creek and offshore near Paulding Avenue, Brant Beach and near Stratford Avenue, Beach Haven, (Zone 8).
  - Side scan sonar will be performed in Bay Grids 8-19 and 8-23, (Zone 8).
  - Vessel recovery will take place in West Creek, (Zone 8).
- Four-day outlook:
- Operations are on-hold for the July 4<sup>th</sup> Holiday -- Operations will resume Monday, July 8<sup>th</sup>, (Zones 8, 9, 10 and 11). A team is available in case of an emergency situation.

Estimated Completion Dates of Current Tasks for Southern Region as of 6/27/2013:

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