

## 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: Monday July 1, 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): 43,291
- 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: 1,180

Yesterday's Operations:

- Sediment removal is continuing in Edgewater Marina

Forecasted Operations:

- Monday: Continue sediment removal in the Hudson marinas and Smiths Creek. Debris recovery is continuing in Weehawken on the Hudson.
- Four-day outlook: In Zone 1, sediment removal will continue in Von Dohln Marinas and Smiths Creek. Debris Removal will continue in Weehawken.

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: 58,056
- Total large debris (vessels, cars, etc.): 103 vessels, 4 vehicles
- Total estimated Sediment removed: 21,772
- Total verified acres surveyed by side scan sonar: 52,416
- Estimated hydrographic survey acres: 278
- Total targets identified: 2,535
- Total targets retrieved: 2,119
- Total targets disqualified/below draft depth: 393

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, including removing a car from the Shrewsbury River, as well as searching for submerged debris and targets in Zone 3. Sediment removal operations and sand screening operations continued in Zone 4, area 6.

Forecasted Operations:

- Monday: Debris removal crews will continue working in the Shrewsbury River, Gunning Island, Beaver Dam Creek, and Island Beach State Park. Sediment removal, sand screening and stockpiling activities to continue in Zone 4, area 6.
- Five-day outlook: Debris and target recovery operations will be substantially completed within the next few days. Sediment removal and sand stockpiling to continue in Zone 4, area 6. Sediment removal operations in Zone 4, area 5 are suspended until Zone 4, area 6 operations are completed.

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): 17,282
- Total large debris (vessels, cars, etc.): 32 vessels
- Total verified acres surveyed by side scan sonar: 76,944
- Estimated hydrographic survey acres: 177
- Total targets identified: 7,239
- Total targets retrieved: 1,233
- Total targets disqualified/below draft depth: 3,488

Yesterday's Operations:

- Target identification/marketing was performed in St. Georges Thorofare, Bay and two lagoons, (Zone 10).
- Target and debris removal from Parkertown lagoons in Little Egg Harbor Township, Admiral Tuckerton lagoons in Tuckerton Township, Ship Bottom Lagoon, Beach Haven Garden lagoons, Beach Haven Terrace lagoons and Beach Haven lagoons, (Zone 8); Tuckerton, Tuckerton Cove area, and Bay Grids 9-8, 9-9, and 9-10, (Zone 9); and Ventnor City areas, Margate areas, Atlantic City areas, and Delaware Bay from Maurice River to West Creek, (Zone 11).

Forecasted Operations:

- Monday:
  - No activity scheduled for Zone 10.
  - Target and debris removal from Parkertown lagoons in Little Egg Harbor Township, Admiral Tuckerton Lagoons in Tuckerton, Township, marinas and lagoons on Long Beach Island, Grids 8-23, 8-24, Beach Haven West Lagoons and Parker Run, (Zone 8); Tuckerton Green, and Grids 9-2, 9-3, 9-8 and 9-9, (Zone 9); and Lakes Bay and Delaware River from the Cohansey to Artificial Island, (Zone 11).
  - Side scan sonar will be performed in Stillman Creek and Great Bay, (Zone 11).
  - Vessel recovery will take place in (Zone 9); and near Atlantic City, (Zone 11).
- Four-day outlook:
  - Target and debris removal will continue in Parkertown lagoons in Little Egg Harbor Township, Admiral Tuckerton Lagoons in Tuckerton, Township, marinas and lagoons on Long Beach Island, Grids 8-23, 8-24, Beach Haven West Lagoons and Parker

- Run, (Zone 8); Tuckerton Green, and Grids 9-2, 9-3, 9-8 and 9-9, (Zone 9); and Lakes Bay and Delaware River from the Cohansey to Artificial Island, (Zone 11).
- Side scan sonar continuing in Zone 11.

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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