

## 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: Tuesday July 2, 2013

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

**~For Official Use Only~**

### 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: 1,180

Yesterday's Operations:

- Sediment removal is continuing in Edgewater Marina

Forecasted Operations:

- Tuesday: Continue sediment removal in the Hudson marinas and Smiths Creek. Debris recovery is occurring on the Hudson.
- Four-day outlook: 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: 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 are 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:

- Tuesday: 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: **07/02/13**

- Total cubic yards of debris removed (inland): 17,332
- 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 lagoons in Beach Haven West southern and northern sections, (Zone 8); and Bay Grid 9-11, Tuckerton Green and Tuckerton Cove, (Zone 9).
- Target and debris removal from Parkertown lagoons in Little Egg Harbor Township, Admiral Tuckerton lagoons in Tuckerton Township, Little Egg Harbor Yacht Club marina in Beach Haven Township, and Parker Run Lagoons, (Zone 8); Tuckerton Cove area lagoons and Tuckerton Green, (Zone 9); and Venice lagoon area and Delaware Bay from Cohansey River to Artificial Island, (Zone 11).
- Side scan sonar was performed in Bay Grids 8-19 and 8-23, (Zone 8); Great Bay and Grids 10-3, 10-4, 10-10, 10-11 and 10-12, (Zone 10); and Stillman Creek and Great Bay, (Zone 11).

Forecasted Operations:

- Tuesday:
  - Target identification/marketing will be conducted in Tuckerton Green, (Zone 9).
  - Target and debris removal from Parkertown lagoons in Little Egg Harbor Township, Little Egg Harbor Yacht Club marina in Beach Haven Township, Beach Haven West Lagoons and Parker Run, (Zone 8); Holgate, (Zone 9); and Atlantic City, Ventnor and Margate City, (Zone 11).
  - Side scan sonar will be performed in Bay Grids 8-19 and 8-23, (Zone 8); and Great Bay, (Zone 10).
  - Vessel recovery will take place, two (2) by water and one (1) by land at the intersection of Rt. 9 and Mays Landing Rd., (Zone 11).

- Four-day outlook:
  - Target identification/marketing will continue in Tuckerton Green, (Zone 9).
  - Target and debris removal will continue in Parkertown lagoons in Little Egg Harbor Township, Little Egg Harbor Yacht Club marina in Beach Haven Township, Beach Haven West Lagoons and Parker Run, (Zone 8); Holgate, (Zone 9); and Atlantic City, Ventnor and Margate City, (Zone 11).
  - Side scan sonar continuing in Zones 8 and 10.

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>

Information and updates now posted on Twitter! Follow us!

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