

## 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: Sunday, July 21, 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: 32,438
- Estimated hydrographic survey acres: 177
- Total targets identified: 1,896
- Total targets retrieved: 767
- Total targets disqualified/below draft depth: 1,059

Yesterday's Operations:

- Sediment removal took place in Gateway Marina in the Sandy Hook area of Zone 2.

Forecasted Operations:

- Sunday: There are no operations scheduled in Zone 1 or Zone 2.
- Four-day outlook: Sediment removal will continue in Smiths Creek, Gateway Marina, and Captain's Cove Marina. Additionally, a hydrographic survey will be conducted in the Hackensack Marina.

Estimated Completion Dates of Current Tasks for Northern Region as of 7/19/2013:

Northern Region	
Activity	Estimated Completion
Marina Sediment Removal	Late August
Marina Debris Removal	Pending
DOT Channel Sediment Removal	On Hold

**CENTRAL REGION:**

To Date:

- Total cubic yards of debris removed: 63,470
- Total large debris (vessels, cars, etc.): 107 vessels, 4 vehicles
- Total estimated Sediment removed: 35,803
- Total verified acres surveyed by side-scan sonar: 53,750
- Estimated hydrographic survey acres: 278
- Total targets identified: 5,111
- Total targets retrieved: 2,138
- Total targets disqualified/below draft depth: 2,973

Yesterday's Operations:

- Debris removal crews worked in the Metedeconk, Lavallette, and Island Beach State Park areas removing final areas of debris. Sediment removal and sand screening operations continued in Zone 4 areas 3, 4 and 5.

Forecasted Operations:

- Sunday: Debris removal crews are working in the Metedeconk River, Lavallette area and Island Beach State Park in Zones 4 and 7 removing final areas of debris. Sediment removal and sand screening operations to continue in Zone 4 area's 3, 4, and 5.
- 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 area's 3, 4, and 5. Beach quality sand will continue to be relocated to Brick Beach III.

Estimated Completion Dates of Current Tasks for Central Region as of 7/19/2013:

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): 17,750
- Total large debris (vessels, cars, etc.): 40 vessels
- Total verified acres surveyed by side-scan sonar: 107,556
- Estimated hydrographic survey acres: 177
- Total targets identified: 8,205 (adjusted)
- Total targets retrieved: 3,018
- Total targets disqualified/below draft depth: 4,988

### Yesterday's Operations:

- Target and debris removal was performed in Little Egg Harbor Bay Grid 8-11, in Zone 8, Great Bay Grid 9-10 in Zone 9, and Grids 11-10 and 11-11 in Zone 11.

### Forecasted Operations:

- Sunday: There are no operations scheduled for today for Zones 8, 9, 10 and 11.
- Four-day outlook: Plan and prep for sediment removal will continue in Zone 8 along with target and debris removal of concrete docks in Zone 11.

### Estimated Completion Dates of Current Tasks for Southern Region as of 7/19/2013:

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

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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