

## 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 June 28, 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 continues in Smiths Creek and Edgewater Marina. Debris removal continues in Weehawken.

#### Forecasted Operations:

- Friday: 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 Edgewater, Von Dohln marinas on the Hudson River, and Smiths Creek. Debris Removal will continue in Weehawken. Sediment removal in Compton's Creek (Zone 2) is currently on hold due to an endangered species issues.

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

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

**CENTRAL REGION:**

To Date:

- Total cubic yards of debris removed: 57,010
- Total large debris (vessels, cars, etc.): 101 vessels, 3 vehicles
- Total estimated Sediment removed: 19,162
- 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, Kettle Creek, Beaver Creek, and Toms River. Debris removal operations focused on removing visible and floating debris, as well as searching for submerged debris and targets in Zones 3 and 4. Sediment removal and sand screening operations continued in Zone 4, area 6. Sediment removal operations in Zone 4, area 5 are suspended until Zone 4, area 6 operations are completed.

Forecasted Operations:

- Friday: Debris removal crews will continue working in the Navesink River, Manasquan River, Shrewsbury River, Silver Bay, and Long Beach Island. Sediment removal, sand screening and stockpiling activities to continue in Zone 4, area 6.
- Five-day outlook: Debris removal operations on the Manasquan to finish within the next few days. Target and debris recovery will continue in Zone 3 at Black Point Creek, Oceanic Bridge, Monmouth Beach Channel, and Rumson County Club Channel. Sediment removal and sand stockpiling at Brick Beach 3 to continue in Zone 4, area 6.

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

Central Region	
Activity	Estimated Completion
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): 17,184
- Total large debris (vessels, cars, etc.): 26 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:

- No work performed in Zone 10.
- Land-based debris removal from Sea Isle City, (Zone 11).
- Target identification/marketing was performed in Bay Grids 8-16, 8-20, 8-21 and 8-25, (Zone 8); Bay Grids 9-1, 9-2, 9-7, Osborne Island and Mystic Island East, (Zone 9); and Delaware Bay from the West Creek to Pierce's Point, (Zone 11).
- Target and debris removal from Bay Grids 8-20, 8-21, 8-25, Beach Haven West, Dock Road, and Long Beach Island, (Zone 8); Bay Grid 9-1, Osborne Island and Mystic Island East, (Zone 9); and Grids 11-25-31 -- back bay areas from Wildwood to Sea Isle City, (Zone 11).
- Side scan sonar was performed in Bay Grids 8-6, 8-9, 8-11, (Zone 8); and Corson's Sound and Ludlam Bay, (Zone 11).
- Vessel Recovery was conducted in Rose Cove, (Zone 8).

### Forecasted Operations:

- Friday, 06/28/13:
  - Target identification/marketing will be conducted in Bay Grids 8-25, (Zone 8); and Pierce's Point to Cape May, (Zone 11).
  - Target and debris removal from Beach Haven West lagoon, Ship Bottom to Holgate areas, and Bay Grids 8-25 and 8-100, (Zone 8); Mystic Island East, Rutgers Inlet, Tuckerton, Grids 9-1, 9-2, 9-11 and 9-12, (Zone 9); St. Georges Thorofare - bay, lagoons, inlet and Reeds Bay, (Zone 10); and Grids 11-25-31, Ocean City lagoons, and Heislerville and Newport Township, (Zone 11).
  - Side scan sonar will be conducted in Bay Grids 8-6, 8-9, 8-11 and 8-24, (Zone 8); and Stiles Sound and Townsend Sound, (Zone 11).
  - Vessel Recovery will take place in Cedar Creek, (Zone 11).
- Four-day outlook:
  - Target identification/marketing will continue in Bay Grids 8-25, (Zone 8); and Pierce's Point to Cape May, (Zone 11).
  - Target and debris removal will continue in Beach Haven West lagoon, Ship Bottom to Holgate areas, and Bay Grids 8-25 and 8-100, (Zone 8); Mystic Island East, Rutgers Inlet, Tuckerton, Grids 9-1, 9-2, 9-11 and 9-12, (Zone 9); St. Georges Thorofare - bay, lagoons, inlet and Reeds Bay, (Zone 10); and Grids 11-25-31, Ocean City lagoons, and Heislerville and Newport Township, (Zone 11).
  - Side scan sonar continuing in Zones 8 and 11.

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

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