

## 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: Tuesday June 25, 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): 5,994
- 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 continued in Raritan Yacht Club, Edgewater Marina, and Smiths Creek.
- Debris removal resumed in western New York Bay, near Weehawken

Forecasted Operations:

- Tuesday: Continue sediment removal in Hudson River marinas and Smiths Creek. Debris removal to continue in the area of Weehawken.
- Four day outlook: In Zone 1, sediment removal will continue Hudson River marinas and Smith Creek. Debris removal will continue in Weehawken. Sediment removal in Perth Amboy Marina, (Zone 1); and Compton's Creek (Zone 2) are currently on hold.

Estimated Completion Dates of Current Tasks for Northern Region as of 6/20/2013:

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: 55,514 54,491
- Total large debris (vessels, cars, etc.): 98 vessels, 3 vehicles
- Total estimated cubic yards of sediment removed: 15,829
- Total verified acres surveyed by side scan sonar: 47, 503
- Estimated hydrographic survey acres: 206
- Total targets identified: 2,529
- Total targets retrieved: 1,989
- Total targets disqualified/below draft depth: 375

Yesterday's Operations:

- Debris and target removal crews worked in the Navesink River, Shrewsbury River, Manasquan River, Silver Bay and Long Beach Island (LBI). 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 and Zone 4, area 5.

Forecasted Operations:

- Tuesday: Debris removal crews will continue working in the Navesink River, Manasquan River, Metedeconk River, Shrewsbury River, Silver Bay, and Long Beach Island. Sediment removal to continue in Zone 4, areas 5 and 6 and sand screening and stockpiling activities to continue at Brick Beach 3.
- Five day outlook: Target and debris recovery will continue in Zone 3 near the Rumson and Fairhaven area at Black Point Creek, Oceanic Bridge, Upper Navesink River, Monmouth Beach Channel, and Rumson County Club Channel. Sediment removal to continue in Zone 4, areas 5 and 6.

Estimated Completion Dates of Current Tasks for Central Region as of 6/20/2013:

Central Region	
Activity	Estimated Completion
Bays and Streams Debris Removal	Late June
Island Debris Removal	Late June
Ocean Side Scan Sonar	Late June
Ocean Debris Removal	Late June
Floating Debris Removal	Early July
Marina Sediment Removal	Early September
Bay/Lagoon Sediment Removal	Mid-September
DOT Channel Sediment Removal	Early November

**SOUTHERN REGION:**

To Date:

- Total cubic yards of debris removed (inland): 16,996
- Total large debris (vessels, cars, etc.): 20 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 at Bay Grids 8-3, 8-7, 8-10, 8-12 and 8-13, (Zone 8); and Mystic Creek West, (Zone 9).
- Surge line debris collection was conducted at Alloway Creek Neck Rd., (Zone 11).
- Target and debris removal from Bay Grids 8-3, 8-7, 8-10, 8-12, 8-13, and Beach Haven West lagoons northern section, (Zone 8); Mystic Island lagoons, (Zone 9); and Cape May Harbor, Stone Harbor, back bay areas of Grids 11-34-35, 11-36, 11-36-37, 11-38-39, 11-38-39-2 and Delaware Bay near Nantuxent Cove, (Zone 11).
- Side scan sonar was performed in Grassy Sound, Post Creek Basin and Lakes Bay, (Zone 11).

Forecasted Operations:

- Tuesday:
  - No operations scheduled for Zone 10.
  - Target identification/marketing will be conducted in Bay Grids 8-13, 8-14, 8-15, 8-16, 8-20 and 8-21, (Zone 8); Mystic Creek West, (Zone 9); and Delaware River south of Nantuxent Cove, (Zone 11).
  - Target and debris removal from Beach Haven West and Grids 8-13, 8-14, 8-15, 8-16, 8-20 and 8-21, (Zone 8); Mystic Creek West, (Zone 9); and Cape May, and back bay area and lagoons in Avalon and Stone Harbor, (Zone 11).

- Side scan sonar will be conducted in Richardson Sound, Great Sound and Lakes Bay, (Zone 11).
- Four-day outlook:
  - Target identification/markings will continue in Bay Grids 8-13, 8-14, 8-15, 8-16, 8-20 and 8-21, (Zone 8); Mystic Creek West, (Zone 9); and Cape May, and back bay area and lagoons in Avalon and Stone Harbor, (Zone 11).
  - Target and debris removal will continue in Grids 8-13, 8-14, 8-15, 8-16, 8-20 and 8-21 and Beach Haven West, (Zone 8); Mystic Creek West, (Zone 9); and back bay area and lagoons in Avalon and Stone Harbor, and Cape May, (Zone 11).
  - Side scan sonar continuing in Zone 11.

Estimated Completion Dates of Current Tasks for Southern Region as of 6/20/2013:

Southern Region	
Activity	Estimated Completion
Lagoon Debris Removal	Early July
Bay Debris Removal	Early July
DOT Channel Debris Removal	Early July
Rivers and Streams Debris Removal	Early July
State Wildlife Management Areas Debris Removal	Mid-July
Marsh Debris Removal	Mid-July
Island Debris Removal	Mid-July
Ocean Debris Removal	Mid-July
Delaware Bay Debris Removal	Late July
Blocked Storm Water Outfall Sediment Removal	Mid-September
Lagoon Sediment Removal	Mid-October
DOT Channel Sediment Removal	Mid-October
Marina Sediment Removal	Late 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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