

## 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: Monday June 24, 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 and Edgewater Marina.

Forecasted Operations:

- Monday: Continue sediment removal in Hudson River marinas and Smiths Creek. Debris recovery to resume in the area of Weehawken.
- Four day outlook: In Zone 1, sediment removal will continue Hudson River marinas and Smiths 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: 54,491
- Total large debris (vessels, cars, etc.): 98 vessels, 3 vehicles
- Total estimated cubic yards of sediment removed: 14,522
- 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. Post side scan sonar was performed in grids 4-24.

Forecasted Operations:

- Sunday: Debris removal crews will continue working in the Navesink River, Manasquan 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. Debris removal operations on the Shark River to end within the week. 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): 16,725
- 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 8-7, (Zone 8).
- Surge line debris collection was conducted in Alloway Creek in Salem, and Nantuxent Creek in Gandy's Beach and Money Island, (Zone 11).
- Target and debris removal from Bay Grids 8-7 and 8-10, Channel Creek, Parker Run Creek, Little Egg Harbor tributaries, and Morrison's Marina, (Zone 8); Mystic Island, (Zone 9); and Wildwood, South Stone Harbor and Cape May, (Zone 11).

Forecasted Operations:

- Monday:
  - No operations planned for Zone 10.
  - Target Identification/marketing will be conducted in Bay Grids 8-7, 8-12, and 8-16, (Zone 8); and Mystic Island West, (Zone 9).
  - Target and debris removal from Grids 8-10, 8-13, and 8-14, Beach Haven West northern section lagoons, (Zone 8); Mystic Creek West, (Zone 9); and Cape May area, and Zone 11.
  - Side Scan Sonar will be conducted in Grassy Sound, Genesis Bay and Lake Bay, (Zone 11).

- Four-day outlook:
  - Target Identification/marketing will continue in Bay Grids 8-7, 8-12 and 8-16, (Zone 8); and Mystic Island West, (Zone 9).
  - Target and debris removal will continue in 8-10, 8-13, and 8-14, Beach Haven West northern section lagoons, (Zone 8); Mystic Creek West, (Zone 9); and Cape May area, and 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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