

## 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: Saturday June 15, 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): 41,013
- Total verified acres surveyed by side-scan sonar: 32,302
- Estimated hydrographic survey acres: 177
- Total targets identified: 1,963
- Total targets retrieved: 631
- Total targets disqualified/below draft depth: 1,144

Yesterday's Operations:

- Continued sediment removal in River Barge, Snipe, and Edgewater Marinas.

Forecasted Operations:

- Saturday: Continue sediment removal on Edgewater Marina.
- Four day outlook: In Zone 1, sediment removal will continue in Edgewater and Von Dohln Marinas. A post hydrographic survey will be performed in the Hackensack Marinas in order to verify completion. Sediment removal is expected to begin in Smith Creek. Sediment removal in Comptons Creek (Zone 2) is expected to begin within the next two weeks.

Estimated Completion Dates of Current Tasks for Northern Region as of 6/13/2013:

Northern Region	
Activity	Estimated Completion
Marina Debris Removal	Late June
DOT Channel Sediment Removal	Early September
Marina Sediment Removal	Mid-November

**CENTRAL REGION:**

To Date:

- Total cubic yards of debris removed: 49,382
- Total large debris (vessels, cars, etc.): 94 vessels, 3 vehicles
- Total estimated Sediment removed: 19,966
- Total verified acres surveyed by side-scan sonar: 45,848
- Estimated hydrographic survey acres: 206.4
- Total targets identified: 2,295
- Total targets retrieved: 1,725
- Total targets disqualified/below draft depth: 252

Yesterday's Operations:

- Debris and target removal crews worked in the Navesink River, Shrewsbury River, Gunning Island, Shark River, Manasquan River, Treasure Island, Mantoloking 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 operations and beach restoration efforts continued in Zone 4, area 6 and began in Zone 4, area 5.

Forecasted Operations:

- Saturday: Debris removal crews will continue working in the Navesink River, Shark River, Manasquan River, Gunning Island, Mantoloking, and LBI. Sediment removal to continue in Zone 4 area 6 and sand will be screened and stockpiled at Brick Beach 3.
- Five day outlook: Target and debris recovery will continue in Zone 3 near Navesink at Black Point Creek, Oceanic Bridge, Upper Navesink River, Monmouth Beach Channel, and Rumson County Club Channel. Operations on the Shark River to end within the week. Sediment removal to continue in Zone 4, area 5 and 6.

Estimated Completion Dates of Current Tasks for Central Region as of 6/13/2013:

Central Region	
Activity	Estimated Completion
Bays and Streams Debris Removal	Mid-June
Island Debris Removal	Mid-June
Floating Debris Removal	Late June
Ocean Side Scan Sonar	Late June
Ocean Debris Removal	Late June
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): 15,247
- Total large debris (vessels, cars, etc.): 18 vessels
- Total verified acres surveyed by side-scan sonar: 62,308
- Estimated hydrographic survey acres: 177
- Total targets identified: 5,296
- Total targets retrieved: 345
- Total targets disqualified/below draft depth: 1,038

Yesterday's Operations:

- Surge line crews removed debris from areas off Radio Road, (Zone 9); and Cedar Creek in Bay Point, Dividing Creek in Turkey Point, and the Town of Dividing Creek, (Zone 11).
- Target and debris removal from Mill Creek, Channel Creek and Parker Run Creek, (Zone 8); the Bass River, (Zone 9); Brigantine bulkhead area, and the area behind Harrah's, (Zone 10); and Avalon, the intercoastal, the area of 50th – 57th Streets, 80<sup>th</sup> Street south in Sea Isle, Deep Creek, Big Elder Creek, Tunis Basin, the 7 unnamed creeks in Delaware Bay, and Cedar Creek, (Zone 11).
- Bay Side Scan Sonar was conducted in the Little Egg Harbor area (grids 8-20, 8-21 and 8-25), (Zone 8).
- Side Scan Sonar was conducted in Beach Haven West and lagoons in LBI, (Zone 8); Tuckerton Beach, lagoons near Admiral Dr., Parkertown lagoons, and grids 9-5 and 9-7, (Zone 9); and the Ventnor Lagoon, West Canal, and Ocean City lagoons, (Zone 11).

Forecasted Operations:

Saturday:

Surge line debris collection from Cedar Creek at Bay Point and Dividing Creek, (Zone 11).

- Target and debris removal from Brigantine Bulkhead, Tunis Basin, and Absecon Creek, (Zone 10); and Mill Creek North, Scotch Bonnet, Old Turtle Thoro, Slaughter Creek, north and south end of Avalon, Stow Creek, and Cedar Creek, (Zone 11).
- Side Scan Sonar will be conducted in the south end of Beach Haven, Rutgers Inlet lagoons, and grids 9-3, 9-10, and 9-11, (Zone 9); south shoreline of Great Bay, (Zone 10); and in Sea Isle City and Avalon, (Zone 11).

Four-day outlook:

- Hand removal of debris will continue at Radio Road, (Zone 9); and Cedar Creek at Bay Point, (Zone 11).
- Target and debris removal will be conducted in the Bass River, (Zone 9); the Tunis Basin, (Zone 10); and the 7 unnamed creeks and Cedar Creek, (Zone 11).
- Side scan sonar continuing in Zones 8, 9 and 11.

Estimated Completion Dates of Current Tasks for Southern Region as of 6/14/2013:

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