

MEMORANDUM

From: Dewberry

On behalf of:



New Jersey Department of Environmental Protection
Environmental Management - Assistant Commissioner's Office
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DATE: Sunday June 2, 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): 5,612
- Total large debris (vessels, cars, etc.): 38 vessels
- Estimated sediment removal (total cubic yards): 11,921
- Total verified acres surveyed by side-scan sonar: 32,302
- Estimated hydrographic survey acres: 177
- Total targets identified: 2,013
- Total targets retrieved: 534
- Total targets disqualified/below draft depth: 1004

Yesterday's Operations:

- Sediment removal continued on the Hackensack Marina including River Barge Marina and Dragonfly Marina in Zone 1. In Zone 2 debris will be recovered from Raritan Bay and Matawan Creek.

Forecasted Operations:

- Sunday: Sediment removal will continue in the Hackensack Marina.
- Four day outlook: In Zone 1 sediment removal will continue in the Hackensack marinas and the Hudson River marinas. In Zone 2 sediment removal is expected to commence on

Monday in Shrewsbury Bay and continue through the week. A large vessel is expected to be recovered in Cheesquake Creek.

Estimated Completion Dates of Current Tasks for Northern Region as of 5/26/2013:

Northern Region	
Activity	Estimated Completion
Floating Debris Removal	Early July
Bay Debris Removal	Early August
DOT Channel Sediment Removal	Early September
Marina Debris Removal	Mid-September
Marina Sediment Removal	Mid-September

CENTRAL REGION:

To Date:

- Total cubic yards of debris removed: 40,217
- Total large debris (vessels, cars, etc.): 70 vessels, 3 vehicles
- Total estimated Sediment removed: 4,638
- Total verified acres surveyed by side-scan sonar: 42,461
- Estimated hydrographic survey acres: 159
- Total targets identified: 2,295
- Total targets retrieved: 1,725
- Total targets disqualified/below draft depth: 252

Yesterday's Operations:

- Sediment removal continued in Zone 4 - area 6. A hydrographic survey crew worked in the Bayhead Yacht Club, David Beaton's and Zone - area 1. Debris and target removal crews worked at Gunning Island, in the Fairhaven and Rumson areas on the Navesink River, in the Manasquan River near the north end of Brick and Point Pleasant, and the Bayville and Drum Point area. Debris removal operations focused on removing visible and floating debris, as well as searching for submerged debris and targets in Zones 3, 4, and 7.

Forecasted Operations:

- Monday: Debris removal crews will continue working in the Navesink River, Gunning Island, Shark River, Manasquan River, Mantoloking, and Long Beach Island.
- 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. Sediment removal to continue in zone 4 and the screening process to begin. Operations on the Shark River to end within the week.

Estimated Completion Dates of Current Tasks for Central Region as of 5/26/2013:

Central Region	
Activity	Estimated Completion
Wetland Debris Removal	Early June
Blocked Storm Water Outfall Sediment Removal	Early June
Bays and Streams Debris Removal	Early June
Island Debris Removal	Mid-June
Hydrographic Survey	Mid-June
Ocean Side Scan Sonar	Mid-June
Ocean Debris Removal	Mid-June
Marina Sediment Removal	Mid-August
Bay/Lagoon Sediment Removal	Mid-August
DOT Channel Sediment Removal	Early October

SOUTHERN REGION:

To Date:

- Total cubic yards of debris removed (inland): 13,308
- Total large debris (vessels, cars, etc.): 11 vessels
- Total verified acres surveyed by side-scan sonar: 42,165
- Estimated hydrographic survey acres: 177
- Total targets identified: 2,337
- Total targets retrieved: 364
- Total targets disqualified/below draft depth: 1,219

Yesterday's Operations:

- Hand removal of debris from the marshland (Zone 9); Steelman Bay (Zone 10); and Patcong Creek and Gandy's Beach Marina (Zone 11).
- Target and debris removal was performed in Little Egg Harbor (Zone 9); Rums Point area (Zone 10), and Cowpen Island behind Ocean City, the Tuckahoe River, the Maurice River surge line in Heislerville, and Gandy's Beach Marina (Zone 11).
- Side scan sonar was conducted in Beach Haven West lagoons (Zone 8); and scouting in Zone 9 for items not debris not initially recovered.

Forecasted Operations:

- Sunday: Hand debris removal in and around Brigantine Island (Zone 10);
- Target and debris removal in and around Brigantine Island (Zone 10); and Tuckahoe River, Patcong Creek, and Cedar Creek near Cedarville (Zone 11).
- Side Scan Sonar surveying will be conducted in the Beach Haven West lagoons in Stafford Twp. (Zone 8).

- Four day outlook: Target and debris removal to continue in Cape May, Cedar Creek, Maurice River near Heislerville, and Back Creek moving towards Bay Point (Zone 11). Side scan sonar continuing in Zones 8, 9, 10 and 11.

Estimated Completion Dates of Current Tasks for Southern Region as of 5/26/2013:

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

Report debris at 1-877-WARN-DEP or at waterwaydebris@dep.state.nj.us.

Additional information available at:
<http://www.nj.gov/dep/special/hurricane-sandy/wwdebris.htm>

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