

MEMORANDUM

From: Dewberry

On behalf of:



New Jersey Department of Environmental Protection
Environmental Management - Assistant Commissioner's Office
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DATE: Thursday June 6, 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): 5,684
- Total number of large debris recovered: 38 Vessels
- Total verified sediment removal (total cubic yards): 22,431
- Total verified acres surveyed by side-scan sonar: 32,302
- Estimated hydrographic survey acres: 177
- Total targets identified: 1,923
- Total targets retrieved: 631
- Total targets disqualified/below draft depth: 1,144

Yesterday's Operations:

- In Zone 1 sediment removal continued in River Barge Marina and Snipe Marina in the Hackensack River and Edgewater Marina in the Hudson River. In Zone 2 submerged target and debris removal from Cheesquake Creek.

Forecasted Operations:

- Thursday: In Zone 1 sediment removal will continue in Hackensack River marinas, including River Barge Park and Von Dohln.
- Four day outlook: In Zone 1 sediment removal will continue in the Hackensack marinas including Von Dohln Marina and the Hudson River marinas. Sediment removal will

continue in the Edgewater marina. Sediment removal in Smith Creek to begin by the end of the week. In Zone 2 debris removal on 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
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: 43,026
- Total large debris (vessels, cars, etc.): 79 vessels, 3 vehicles
- Total estimated Sediment removed: 9,937
- 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. 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. Hydrographic surveying operations continued in Zone 5, area 4.

Forecasted Operations:

- Thursday: Debris removal crews will continue working in the Navesink River, Gunning Island, Shark River, Manasquan River, Manatoking, and Long Beach Island. Sediment removal is ongoing in Zone 4, area 6. Side-scan sonar operations to take place in Zones 3 and 6.
- 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 and screening to continue in zone 4, area 6 and to begin in zone 4, area 5. 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): 13,994
- Total large debris (vessels, cars, etc.): 14 vessels
- Total verified acres surveyed by side-scan sonar: 55,622
- 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:

- Hand removal of debris to the surge line from marshlands, (Zone 9); southeast of Brigantine Channel, Absecon Bay, Rums Point, and Steelman Bay area; (Zone 10); Shooting Island, Maurice River in the Heislerville area, and Cedarville area, (Zone 11).
- Side scan sonar was conducted from Mad Horse Creek to Artificial Island, and along the coastline of the Atlantic Ocean, (Zone 11).

Forecasted Operations:

- Thursday:
 - Target and debris removal in Absecon Creek, (Zone 10); Great Egg Harbor, from Cedar Creek in Cedarville, and the Maurice River in Heislerville, (Zone 11).
 - Debris removal to continue to the surge line in Cedar Creek in Cedarville and Bay Point, (Zone 11).
 - Side scan sonar will be conducted in grids 9-1, 9-2, 9-3, 9-5 and 9-7, (Zone 9); Mullica River, (Zone 10); and Maurice River Cove, (Zone 11).

- Four day outlook: Land-based survey will continue in the Beach Haven West lagoons, (Zone 8). Target and debris removal in, (Zone 9); Seal Bay and Absecon, (Zone 10); Cedarville, Bay Point, Cedar Creek near Cedarville, Stratmere, and Ocean City working south, (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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