

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 9, 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): 5,760
- Total number of large debris recovered: 38 Vessels
- Total verified sediment removal (total cubic yards): 30,640
- 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: 1,194

Yesterday's Operations:

- Sediment removal continued on the Hackensack Marina with expectation to finish this Weekend. Sediment removal will also continue in Edgewater and Von Dohln Marina.

Forecasted Operations:

- Sunday: In zone 1, units are estimated to finish sediment removal of the Hackensack Creek and Hackensack marinas. Sediment removal will continue on Von Dohln and Edgewater Marinas.
- Four day outlook: In zone 1 sediment removal is expected to continue on the Von Dohln and Edgewater Marinas. Sediment removal expected to begin on Smith Creek this

upcoming week. In zone 2, sediment removal is planning to commence on Shrewsbury as soon as a disposal site is identified.

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

Northern Region	
Activity	Estimated Completion
River and Streams Waterway Debris Removal	Mid-June
Marina Debris Removal	Late June
Bay Debris Removal	Early August
DOT Channel Sediment Removal	Early September
Marina Sediment Removal	Mid-November

CENTRAL REGION:

To Date:

- Total cubic yards of debris removed: 44,886
- Total large debris (vessels, cars, etc.): 91 vessels, 3 vehicles
- Total estimated Sediment removed: 12,924
- Total verified acres surveyed by side-scan sonar: 43,847
- Estimated hydrographic survey acres: 206
- 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 at Gunning Island, in the Fairhaven and Rumson areas on the Navasink 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:

- Sunday: Debris removal crews will continue working in the Navasink River, Gunning Island, Shark River, Manasquan River, Manatoloking, and Long Beach Island weather permitting. Sediment removal is on hold.
- Five day outlook: Target and debris recovery will continue in Zone 3 near Navasink 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 is suspended until an accessible disposal location for beach quality sand is permitted by the Army Corp of Engineers and NJDEP.

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

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

SOUTHERN REGION:

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To Date:

- Total cubic yards of debris removed (inland): 14,473
- Total large debris (vessels, cars, etc.): 16 vessels
- Total verified acres surveyed by side-scan sonar: 64,420
- 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:

- All operations were suspended due to inclement weather and unsafe working conditions, (Zone 8).
- All activities were suspended by the safety officer due to low lying areas being flooded, muddy, and the high water elevation from the storm, (Zone 9).
- Due to the amount of flooding, inaccessible work areas, and other safety variables, all operations were suspended, (Zone 10).
- Debris operations were suspended due to weather conditions, (Zone 11).

Forecasted Operations:

- Sunday:
 - Hand removal of debris from Cedar Creek in Bay Point, (Zone 11).
 - Target and debris removal from Cedar Bonnet Island and Ham Island, (Zone 8); DOT Channel #172, Absecon Creek, (Zone 10); DOT Channel #177, Great Egg Harbor River, islands and surrounding waterways behind Ocean City, Intercoastal Waterway in Sea Isle City, and Cedar Creek, (Zone 11).

- Bay Side Scan Sonar will be conducted in Mud Cove, Little Egg Harbor (grid 8-3) and Dinner Point south (grid 8-8), (Zone 8);
- Side Scan Sonar will be conducted in the Brigantine area -- Holgate, Long Beach and Hatfield (grids 9-5, 9-7, and 9-12, respectively), (Zone 9); and Non-DOT area of Mullica River, (Zone 10).
- The Zone Manager will survey Beach Haven West lagoons for debris and resident complaints, (Zone 8).
- Debris operations at the surge line are suspended today due to safety concerns from flooding, (Zone 9).
- Scouting in areas from Sea Isle City south, (Zone 11).
- Four-day outlook:
 - Weather permitting, hand removal of debris to the surge line will be conducted at Radio Rd., near Mystic Island, (Zone 9); Ocean City area south including Strathmere, Sea Isle, Avalon, and Bay Point, (Zone 11).
 - Target and debris removal will be conducted in Inland Bay, (Zone 8); Mystic Island (Zone 9); and Great Egg Harbor River (DOT Channel #177), (Zone 11).
 - Side scan sonar continuing in Zones 8, 9, 10 and 11.

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

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

Additional information available at:

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

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