

MEMORANDUM

From: Dewberry

On behalf of:



New Jersey Department of Environmental Protection
Environmental Management - Assistant Commissioner's Office
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DATE: Monday June 10, 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: 1,144 (adjusted)

Yesterday's Operations:

- Sediment removal continued in the Hackensack Marinas and Edgewater Marina.

Forecasted Operations:

- Monday: In zone 1, sediment removal is expected to continue in Snipe Marina and Von Dohln Marina.
- Four day outlook: In zone 1, Sediment removal is expected to continue in the Von Dohln and Edgewater Marinas. Sediment removal expected to begin on Smith Creek this upcoming week.

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, 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. Debris disposal was impacted by the landfill being closed. Sediment removal operations resumed in Zone 4, area 6.

Forecasted Operations:

- Monday: Debris removal crews will continue working in the Navasink River, Gunning Island, Shark River, Manasquan River, Manatoking, and Long Beach Island weather permitting. Sediment removal and screening process will continue once sand relocation sites are approved.
- 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.

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:

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:

- Debris crews were off due to safety concerns in the areas they were working from the recent storm, (Zone 9).
- Surge line crews removed debris from Cedar Creek in Bay Point, (Zone 11).
- Target and debris removal from Cedar Bonnet Island, Ham Island, and West Creek, Stafford Township, (Zone 8); Absecon Channel, Absecon Inlet (Zone 10); and from behind Ocean City moving south to the last remaining islands, the intercoastal heading south to Sea Isle City, DOT Channel #177, and Cedar Creek, (Zone 11).
- Bay Side Scan Sonar was conducted in Little Egg Harbor and Dinner Point, (Zone 8).
- Side Scan Sonar was conducted in Long Beach area and portions of Hatfield area, (Zone 9); and the non-DOT portions of the Mullica River, (Zone 10).

Forecasted Operations:

- Monday :
 - Hand removal of debris from Tip Seaman Rd. and ROW, Radio Rd., around Radio Rd. Bridge and further south toward Mystic Island, (Zone 9); and Cedar Creek in Bay Point, (Zone 11).

- Target and debris removal from Sheltered Cove, (Zone 9); DOT Channel #172, Absecon Creek, (Zone 10); DOT Channel #177, Great Egg Harbor River, Sea Isle City area and south, Avalon back bay areas, and Cedar Creek, (Zone 11).
- Bay Side Scan Sonar will be conducted in Dinner Point (grid 8-8) and Little Egg Harbor (grids 8-13 and 8-14), (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 areas of the Mullica River, (Zone 10).
- ZOM will survey Beach Haven West lagoons for debris and resident complaints, (Zone 8).
- Four-day outlook:
 - 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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