

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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DATE: Saturday June 1, 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
- Verified 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: 1,004

Yesterday's Operations:

- Sediment removal continued in Hackensack River marinas.

Forecasted Operations:

- Saturday: dredging in Hackensack marinas. Raritan Bay and Matawan creek will continue debris recovery.
- Four day outlook: Continue sediment removal in the Hackensack and Hudson River marinas in Zone 1. Begin Sediment removal in Shrewsbury Bay and continue debris removal and vessel recovery and Cheesecake in Zone 2 .

Estimated Completion Dates of Current Tasks for Northern Region as of 5/24/2013:

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: 39,659
- Total large debris (vessels, cars, etc.): 70 vessels, 3 vehicles
- Total estimated Sediment removal: 4,106
- 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 operations continue in zone 4, area 6. Initial sediment screening operations to begin. Target and debris removal on Gunning Island, the Navasink River, Manasquan river and the Drum Point area and Bayville area.

Forecasted Operations:

- Saturday: Marina inspections in with CrowderGulf and New Jersey DEP.
- Four 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. Operations on the Shark River within the week.

Estimated Completion Dates of Current Tasks for Central Region as of 5/24/2013:

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): 13,184
- Total large debris (vessels, cars, etc.): 10 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 to the surge line in Steelman bay (Zone 10); and Patcong Creek, and Cowpen Island behind Ocean City (Zone 11).
- Target and debris removal was performed in marshland, Schimpfs and Sheltered Cove Marina, as well as DOT Channels #160, #161, and #162 (Zone 9); Cedar Creek in the Cedarville area and Maurice River surge line in Heislerville (Zone 11).
- Side scan sonar was conducted in Crab Island (Zone 9)
- Replanted previously damaged area in Bowers Creek RD. (Zone 11)

Forecasted Operations:

- Sunday: Hand debris removal in and around Brigantine Island, (Zone 10); and Patcong Creek (Zone 11).
- Target and debris removal at DOT Channel # 157 (Zone 9); Tuckahoe River DOT Channel, storm surge line in Patcong Creek , also behind Ocean City area in the ICW & surrounding islands, Cedar Creek at Cedarville and Maurice River in Heislerville (Zone 11).
- Four day outlook: Target and debris removal to continue in Cape May County, Cedar Creek, 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 5/24/2013:

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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