

MEMORANDUM

From: Dewberry

On behalf of:



New Jersey Department of Environmental Protection
Environmental Management - Assistant Commissioner's Office
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DATE: Wednesday June 12, 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): 5,853
- 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

Yesterday's Operations:

- Sediment removal continued in the Hackensack and Hudson River marinas in Zone 1.

Forecasted Operations:

- Wednesday: Continue sediment removal in Edgewater Marina and Hackensack River marinas.
- Four day outlook: Continue sediment removal in Edgewater Marina; the Hackensack marinas should be completed in the next week. Sediment removal is expected to begin in Smith Creek within the week.

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

Northern Region	
Activity	Estimated Completion
Rivers 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: 45,663
- Total large debris (vessels, cars, etc.): 93 vessels, 3 vehicles
- Total estimated sediment removed: 15,062
- 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 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. Sediment removal operations continued in Zone 4, area 6.

Forecasted Operations:

- Wednesday: Debris removal crews will continue working in the Navesink River, Gunning Island, Shark River, Manasquan River, Manatoloking, and Long Beach Island weather permitting. Sediment removal to continue in Zone 4 area 6 and sand will be screened and stockpiled at Brick Beach 3.
- 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. 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): 14,747
- Total large debris (vessels, cars, etc.): 18 vessels
- Total verified acres surveyed by side-scan sonar: 62,308 (adjusted)
- 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 was conducted from areas off Radio Rd., (Zone 9); and Cedar Creek in Bay Point, (Zone 11).
- Target and debris removal from Sheltered Cove, (Zone 9); grids 10-29 (Absecon Channel), 10-30 (Absecon Inlet) and 10-130 (Absecon Inlet), (Zone 10); and from the Ocean City area, and the Intercoastal south to Sea Isle City, (Zone 11).
- Bay Side Scan Sonar was conducted in Dinner Point (grid 8-8) and Little Egg Harbor (grids 8-13 and 8-14), Zone 8.
- Side Scan Sonar was conducted in the non-DOT portions of the Mullica River, (Zone 10).

Forecasted Operations:

- Wednesday:
 - Surge line debris collection from the Radio Road area, (Zone 8); and Cedar Creek at Bay Point, (Zone 11).
 - Target and debris removal from Cedar Run Dock Rd., West Creek, (Zone 8); and Sea Isle City, Ocean City area, DOT Channel - Great Egg Harbor, and Dividing Creek, (Zone 11).

- Bay Side Scan Sonar will be conducted in the Little Egg Harbor area (grids 8-15 and 8-16), (Zone 8).
- Scouting will be performed in the Mullica River, DOT Channel #165, (Zone 10).
- Side Scan Sonar will be conducted in the Beach Haven West lagoons, (Zone 8); and grids 9-1 and 9-2, and the lagoons of Mystic Island, (Zone 9).
- Four-day outlook:
 - Hand removal of debris will be conducted at Bass River, (Zone 9); the Mullica River, (Zone 10); and Cedar Creek at Bay Point, (Zone 11).
 - Target and debris removal will be conducted in Bass River, grids 9-2 and 9-3, (Zone 9); Lake Creek, Middle Creek, English Creek and south, Cedar Creek at Bay Point, Dennis Creek and Bidwell Creek, (Zone 11).
 - Side scan sonar continuing in Zones 8, 9, and 10.

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>

Information and updates now posted on Twitter! Follow us!

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