

MEMORANDUM

From: Dewberry

On behalf of:



New Jersey Department of Environmental Protection
Environmental Management - Assistant Commissioner's Office
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DATE: Friday May 31, 2013

RE: Superstorm Sandy: State of New Jersey Waterway Debris Removal Project

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NORTHERN REGION:

To Date:

- Total cubic yards of debris removed (inland): 5,462
- 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
- Verified 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 River Barge Marina and Dragonfly Marina in the Hackensack River. Debris and Target Removal occurred in the areas Liberty Landing Marina. Completed marsh cleanup in the areas of Matawan Creek.

Forecasted Operations:

- Friday: In Zone 1, sediment removal will continue within the Hackensack Marina. Target and debris removal in the Hudson River. In Zone 2, target and debris removal is occurring in Raritan Bay, Matawan Creek and Cheesequake Creek.

- Four day outlook: In Zone 1, sediment removal will continue in the Hackensack and Hudson River Marinas. In Zone 2, target and debris removal will continue in Raritan Bay, Matawan Creek, Cheesequake Creek. Sediment removal in Shrewsburg Bay.

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

Northern Region	
Activity	Estimated Completion
Floating Debris Removal	Late May
Bay Debris Removal	Early June
Marina Debris Removal	Early June
Recreational Waterway Debris Removal	Early June
DOT Channel Sediment Removal	Late June
Bay Sediment Removal	Late July
Marina Sediment Removal	Early December

CENTRAL REGION:

To Date:

- Total cubic yards of debris removed: 38,690
- Total large debris (vessels, cars, etc.):68 vessels, 3 vehicles
- Estimated cubic yards of sediment removed: 3,136
- Total verified acres surveyed by side-scan sonar: 42,212
- Estimated hydrographic survey acres: 145
- Total targets identified: 2,295
- Total targets retrieved: 1,512
- Total targets disqualified/below draft depth: 248

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. Side scan sonar operations began from the Manasquan inlet to the Shark inlet on the ocean side.

Forecasted Operations:

- Friday: 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
- 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 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
Bays and Streams Side Scan Sonar	Late May
Marina Side Scan Sonar	Late May
Floating Debris Removal	Late May
Blocked Storm Water Outfall Sediment Removal	Late May
Island Debris Removal	Late May
Ocean Side Scan Sonar	Early June
Wetland Debris Removal	Early June
Coastal Lakes Debris Removal	Early June
Hydrographic Survey	Early June
Ocean Debris Removal	Early June
Shoaling Sediment Removal	Mid June
Bays and Streams Debris Removal	Late June
Marina Sediment Removal	Early July
Bay/Lagoon Sediment Removal	Mid August
DOT Channel Sediment Removal	Early September

SOUTHERN REGION:

To Date:

- Total cubic yards of debris removed (inland): 12,972
- 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:

- Friday: 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 Side Scan Sonar	Late May
Bulkhead Debris Removal	Late May
Marina Debris Removal	Late May
Ocean Side Scan Sonar	Early June
DOT Channel Debris Removal	Mid June
Island Debris Removal	Late June
Bay Side Scan Sonar	Late June
Rivers and Streams Side Scan Sonar	Early July
State Wildlife Management Areas Debris Removal	Mid July
Marsh Debris Removal	Mid July
Rivers and Streams Debris Removal	Late July
Bay Debris Removal	Late July
Rivers and Streams Sediment Removal	Early August
Ocean Debris Removal	Mid August
DOT Channel Sediment Removal	Late August
Blocked Storm Water Outfall Sediment Removal	Late August
Lagoon Sediment Removal	Mid September
Marina Sediment Removal	Late September

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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