

## MEMORANDUM

From: Dewberry

On behalf of:



New Jersey Department of Environmental Protection  
Environmental Management - Assistant Commissioner's Office  
Mail Code: 401-03B  
PO Box 420  
Trenton, NJ 08625  
(609) 292-2795 FAX: (609) 777-1330

DATE: Wednesday June 26, 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): 5,994
- Total number of large debris recovered: 38 vessels
- Total verified sediment removal (total cubic yards): 43,291
- Total verified acres surveyed by side scan sonar: 32,988
- Estimated hydrographic survey acres: 177
- Total targets identified: 1,896
- Total targets retrieved: 746
- Total targets disqualified/below draft depth: 1,180

Yesterday's Operations:

- Sediment removal continues in Smith Creek, Edgewater Marina and Raritan Yacht Club. Debris removal continues in Weehawken.

Forecasted Operations:

- Wednesday: Continue sediment removal in the Hudson Marinas, Raritan Yacht Club, and Smith Creek. Debris recovery continuing in Weehawken on the Hudson.
- Four-day outlook: In Zone 1, sediment removal will continue in Edgewater, Von Dohln Marinas on the Hudson River, and Smith Creek. Debris removal will continue in Weehawken. Sediment removal is occurring on Raritan Bay Yacht Club. Sediment

removal in Compton’s Creek (Zone 2) is currently on hold due to an endangered species issues.

Estimated Completion Dates of Current Tasks for Northern Region as of 6/20/2013:

Northern Region	
Activity	Estimated Completion
Marina Debris Removal	Early July
DOT Channel Sediment Removal	On Hold
Marina Sediment Removal	Mid-November

**CENTRAL REGION:**

To Date:

- Total cubic yards of debris removed: 56,086
- Total large debris (vessels, cars, etc.): 101 vessels, 3 vehicles
- Total estimated cubic yards of sediment removed: 16,803
- Total verified acres surveyed by side scan sonar: 47,503
- Estimated hydrographic survey acres: 206
- Total targets identified: 2,535
- Total targets retrieved: 2,119
- Total targets disqualified/below draft depth: 393

Yesterday’s Operations:

- Debris and target removal crews worked in the Shrewsbury River, Kettle Creek, and Toms River. Debris removal operations focused on removing visible and floating debris, as well as searching for submerged debris and targets in Zones 3 and 4. Sediment removal operations continued in Zone 4, area 6 and Zone 4, area 5.

Forecasted Operations:

- Wednesday: Debris removal crews will continue working in the Navesink River, Manasquan River, Shrewsbury River, Silver Bay, and Long Beach Island. Sediment removal to continue in Zone 4, areas 5 and 6 and sand screening and stockpiling activities to continue at Brick Beach 3.
- Five-day outlook: Operations on the Manasquan to finish within the next few days. Target and debris recovery will continue in Zone 3 at Black Point Creek, Oceanic Bridge, Monmouth Beach Channel, and Rumson County Club Channel. Sediment removal to continue in Zone 4, areas 5 and 6.

Estimated Completion Dates of Current Tasks for Central Region as of 6/20/2013:

Central Region	
Activity	Estimated Completion
Bays and Streams Debris Removal	Late June
Island Debris Removal	Late June
Ocean Side Scan Sonar	Late June
Ocean Debris Removal	Late June
Floating Debris Removal	Early July
Marina Sediment Removal	Early September
Bay/Lagoon Sediment Removal	Mid-September
DOT Channel Sediment Removal	Early November

**SOUTHERN REGION:**

To Date:

- Total cubic yards of debris removed (inland): 17,120
- Total large debris (vessels, cars, etc.): 20 vessels
- Total verified acres surveyed by side scan sonar: 76,944
- Estimated hydrographic survey acres: 177
- Total targets identified: 7,239
- Total targets retrieved: 1,233
- Total targets disqualified/below draft depth: 3,488

Yesterday's Operations:

- Target Identification/marketing was performed at Bay Grids 8-13, 8-14, 8-15 and 8-17, (Zone 8); and Mystic Creek West, (Zone 9).
- Target and debris removal from Bay Grids 8-13, 8-14, 8-15, 8-17, Beach Haven West lagoons southern section and Mill Creek, (Zone 8); Mystic Creek West, (Zone 9); and Cape May Harbor, Stone Harbor, Avalon and Sea Isle areas, back bay areas of Grids 11-35-37, and Delaware Bay from Cohansey River to Salem River, (Zone 11).
- Side scan sonar was performed in Jenkins Sound, Genesis Bay, Great Sound and Skull Bay, (Zone 11).

Forecasted Operations:

- Wednesday:
  - Vessel recovery scheduled for Zone 10, (Zone 10).
  - Target identification/marketing will be conducted in Bay Grids 8-16, 8-20 and 8-21, (Zone 8); and Delaware River from Fortescue to West Creek, (Zone 11).
  - Target and debris removal from Beach Haven West southern section lagoons and LBI areas, and Grids 8-3, 8-13, 8-14, 8-15, 8-16, 8-20, and 8-21, (Zone 8); Mystic Creek West, (Zone 9); and the lagoons in Avalon, (Zone 11).
  - Side scan sonar will be conducted in Bay Grids 8-6, 8-9, 8-11, Brant Beach Yacht Club and Sportsman's Marina on Long Beach Island, (Zone 8); and Great Sound, Stitles Sound, and Townsend Sound, (Zone 11).

- Four-day outlook:
  - Target identification/marketing will continue in Bay Grids 8-16, 8-20 and 8-21, (Zone 8); and Delaware River from Fortescue to West Creek, (Zone 11).
  - Target and debris removal will continue in Beach Haven West southern section lagoons and LBI areas, and Grids 8-3, 8-13, 8-14, 8-15, 8-16, 8-20, and 8-21, (Zone 8); Mystic Creek West, (Zone 9); and the lagoons in Avalon, (Zone 11).
  - Side scan sonar continuing in Zones 8 and 11.

Estimated Completion Dates of Current Tasks for Southern Region as of 6/20/2013:

Southern Region	
Activity	Estimated Completion
Lagoon Debris Removal	Early July
Bay Debris Removal	Early July
DOT Channel Debris Removal	Early July
Rivers and Streams Debris Removal	Early July
State Wildlife Management Areas Debris Removal	Mid-July
Marsh Debris Removal	Mid-July
Island Debris Removal	Mid-July
Ocean Debris Removal	Mid-July
Delaware Bay Debris Removal	Late July
Blocked Storm Water Outfall Sediment Removal	Mid-September
Lagoon Sediment Removal	Mid-October
DOT Channel Sediment Removal	Mid-October
Marina Sediment Removal	Late October

Report debris at 1-877-WARN-DEP or at [waterwaydebris@dep.state.nj.us](mailto: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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