

MEMORANDUM

From: Dewberry

On behalf of:



New Jersey Department of Environmental Protection
Environmental Management - Assistant Commissioner's Office
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DATE: Thursday June 27, 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): 5,994
- 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 Smiths Creek, Edgewater Marina and Raritan Yacht Club. Debris removal continues in Weehawken.

Forecasted Operations:

- Thursday: Continue sediment removal in the Hudson River marinas and Smiths Creek. Debris recovery is continuing in Weehawken on the Hudson River.
- Four-day outlook: In Zone 1, sediment removal will continue in Edgewater, Von Dohln marinas on the Hudson River, and Smiths Creek. Debris removal will continue in Weehawken. 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: 56,349
- Total large debris (vessels, cars, etc.): 101 vessels, 3 vehicles
- Total estimated Sediment removed: 17,683
- 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 and sand screening operations continued in Zone 4, area 6. Sediment removal operations in Zone 4, area 5 are suspended until Zone 4, area 6 operations are completed.

Forecasted Operations:

- Thursday: Debris removal crews will continue working in the Navesink River, Manasquan River, Shrewsbury River, Silver Bay, and Long Beach Island. Sediment removal, sand screening and stockpiling activities to continue in Zone 4, area 6.
- 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 and sand stockpiling at Brick Beach 3 to continue in Zone 4, area 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): 17,171
- Total large debris (vessels, cars, etc.): 24 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 8-15, 8-16, 8-20 and 8-21, (Zone 8); Mystic Creek West, (Zone 9); and Delaware Bay from Fortescue State Marina to West Creek, (Zone 11).
- Target and debris removal from Bay Grids 8-3, 8-13, 8-14, 8-15, 8-16, 8-20 and Beach Haven West southern section lagoon, (Zone 8); Mystic Creek West, (Zone 9); and lagoons of Avalon and Sea Isle City, (Zone 11).
- Side scan sonar was performed in Bay Grids 8-6, 8-9, 8-11, Brant Beach Yacht Club and Sportsman's Marina on Long Beach Island, (Zone 8); and Stiles Sound, (Zone 11).
- Vessel Recovery was conducted in Manahawkin, (Zone 8); and North of 12th St., (Zone 10).

Forecasted Operations:

- Thursday:
 - No work scheduled, (Zone 10).
 - Target identification/marketing will be conducted in Bay Grids 8-25, (Zone 8); and Osborne Island, (Zone 9).
 - Target and debris removal from Beach Haven West southern section lagoon, West Creek and Holgate (Long Beach Island) areas, and Bay Grids 8-20, 8-21, 8-25, and 8-100, (Zone 8); Osborne Island and Grids 9-1, 9-2 and 9-7, (Zone 9); and the back bay

- area of North Wildwood to Sea Isle City and Dennis Creek to Pierce’s Point, (Zone 11).
- Side scan sonar will be conducted in Bay Grids 8-6, 8-9 and 8-11, (Zone 8); and Great Sound, Townsend Sound and Ludlum Bay, (Zone 11).
- Vessel Recovery will take place in Rose Cove, (Zone 8); and off Dyers Creek Rd., and off Bay Point Rd., (Zone 11).
- Four-day outlook:
 - Target identification/marketing will continue in Bay Grids 8-25, (Zone 8); and Osborne Island, (Zone 9).
 - Target and debris removal will continue in Beach Haven West southern section lagoons and Long Beach Island areas, and Grids 8-20, 8-21, 8-25 and 8-100, (Zone 8); Osborne Island and Grids 9-1, 9-2 and 9-7, (Zone 9); and north of Wildwood to Sea Isle City, and Dennis Creek to Pierce’s Point, (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.

Additional information available at:
<http://www.nj.gov/dep/special/hurricane-sandy/wwdebris.htm>

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