

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: Sunday June 30, 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): 6,432
- 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 was completed in Edgewater Marina. Sediment removal will continue in Smiths Creek and Von Dohln Marina. Debris removal continues in Weehawken.

Forecasted Operations:

- Sunday: Continue sediment removal in the Hudson marinas and Smiths Creek. Debris recovery is continuing in Weehawken on the Hudson.
- Four day outlook: In Zone 1, sediment removal will continue in Von Dohln Marina and Smiths Creek. Debris removal will continue in Weehawken.

Estimated Completion Dates of Current Tasks for Northern Region as of 6/27/2013:

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: 58,056
- Total large debris (vessels, cars, etc.): 102 vessels, 3 vehicles
- Total estimated Sediment removed: 19,914
- Total verified acres surveyed by side-scan sonar: 52,416
- Estimated hydrographic survey acres: 278
- 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, Beaver 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. Sand screening operations were on hold per the request of Brick Township due to the high volume of beach traffic. Sediment removal operations in Zone 4, area 5 are suspended until Zone 4, area 6 operations are completed.

Forecasted Operations:

- Sunday: Debris removal crews will continue working in the Shrewsbury River and Silver Bay. Sediment removal, sand screening and stockpiling activities to continue in Zone 4, area's 6.
- Five day outlook: Debris and target recovery operations will be substantially completed within the next few days. 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 6/27/2013:

Central Region	
Activity	Estimated Completion
Bays and Streams Debris Removal	Early July
Ocean Debris Removal	Early July
Marina Sediment Removal	Early September
Bay/Lagoon Sediment Removal	Mid-September
DOT Channel Sediment Removal	Late October

SOUTHERN REGION:

To Date:

- Total cubic yards of debris removed (inland): 17,282
- Total large debris (vessels, cars, etc.): 31 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/Eligibility/Staking was performed in Bay Grids 9-1, 9-2, 9-3, 9-7, 9-11, and 9-12, (Zone 9).
- Target and debris removal from Bay Grid 8-100 and Beach Haven West, (Zone 8); lagoons in the Tuckerton area, (Zone 9); and Ocean City lagoons, Ventnor, and Delaware Bay from Artificial Island to Pierce's Point, (Zone 11).
- Side Scan Sonar was performed in Bay Grids 8-24 (Zone 8).

Forecasted Operations:

Sunday, 06/30/13:

- Target Identification/Eligibility/Staking will be performed in Bay Grids 9-9, 9-10 and 9-12, (Zone 9).
- Target and debris removal from Parkertown lagoons in Little Egg Harbor Twp., Admiral Tuckerton Lagoons in Tuckerton, Twp., Ship Bottom Lagoon, Beach Haven Terrace Lagoons, Beach Haven Gardens, and Little Egg Harbor Yacht Club Marina, (Zone 8); Tuckerton Green, and Grids 9-3 and 9-12, (Zone 9); and Ventnor Lagoon behind Atlantic City, Lakes Bay, and Delaware River from West Creek to Artificial Island, (Zone 11).

Four-day outlook: 07/01/13 – 07/04/13:

- Target Identification/Eligibility/Staking will continue in Bay Grids 9-9, 9-10 and 9-12, (Zone 9).
- Target and debris removal will continue in Parkertown lagoons in Little Egg Harbor Twp., Admiral Tuckerton Lagoons in Tuckerton, Twp., Ship Bottom lagoon, Beach Haven Terrace Lagoons, Beach Haven Gardens, and Little Egg Harbor Yacht Club Marina, (Zone 8); Tuckerton Green, Grids 9-3 and 9-12, (Zone 9); and Ventnor Lagoon behind Atlantic City, Lakes Bay, and Delaware River from West Creek to Artificial Island, (Zone 11).

Estimated Completion Dates of Current Tasks for Southern Region as of 6/27/2013:

Southern Region	
Activity	Estimated Completion
Lagoon Debris Removal	Mid-July
Bay Debris Removal	Mid-July
Ocean Debris Removal	Mid-July
Delaware Bay Debris Removal	Late July
Blocked Storm Water Outfall Sediment Removal	Late August
Marina Sediment Removal	Early October
Lagoon Sediment Removal	Mid-October
DOT Channel 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>

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