

MEMORANDUM

From: Dewberry

On behalf of:



New Jersey Department of Environmental Protection
Environmental Management - Assistant Commissioner's Office
Mail Code: 401-03B
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DATE: Monday June 17, 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: 32,302
- 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:

- Completed sediment removal at the mouth of Smith's Creek, commenced sediment removal in Von Dohln Marina and continued sediment removal in Edgewater Marina.

Forecasted Operations:

- Monday: Continue sediment removal on Edgewater Marina, Von Dohln Marina, and Smith Creek.
- Four day outlook: In Zone 1, sediment removal will continue in Edgewater, Von Dohln Marina and Smith Creek. Sediment removal in Comptons Creek (Zone 2) is expected to begin within the next two weeks.

Estimated Completion Dates of Current Tasks for Northern Region as of 6/13/2013:

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

CENTRAL REGION:

To Date:

- Total cubic yards of debris removed: 50,263
- Total large debris (vessels, cars, etc.): 96 vessels, 3 vehicles
- Total estimated Sediment removed: 19,966
- Total verified acres surveyed by side-scan sonar: 45,848
- Estimated hydrographic survey acres: 206.4
- Total targets identified: 2,295
- Total targets retrieved: 1,725
- Total targets disqualified/below draft depth: 252

Yesterday's Operations:

- Debris removal operations focused on removing submerged debris and targets in Zones 3 and 4.

Forecasted Operations:

- Monday: Debris removal crews will continue working in the Navesink River, Shark River, Manasquan River, Mantoloking, and Long Beach Island. Sediment removal to continue in Zone 4, area's 5 and 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. Debris removal operations on the Shark River to end within the week. Sediment removal to continue in Zone 4, area's 5 and 6.

Estimated Completion Dates of Current Tasks for Central Region as of 6/13/2013:

Central Region	
Activity	Estimated Completion
Bays and Streams Debris Removal	Mid-June
Island Debris Removal	Mid-June
Floating Debris Removal	Late June
Ocean Side Scan Sonar	Late June
Ocean Debris Removal	Late June
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): 15,334
- Total large debris (vessels, cars, etc.): 18 vessels
- Total verified acres surveyed by side-scan sonar: 69,874
- 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:

- Surge line labor removed debris from Cedar Creek in Bay Point and Nantuxent Creek in Gandy's Beach, (Zone 11).
- Target and debris removal from Gardner's Basin Marina, Nacote Creek, Motts Creek and Oyster Creek, (Zone 10); and South Avalon, Slaughter Creek, Old Turtle Creek, Cedar Creek and Stow Creek, (Zone 11).
- Side scan sonar was conducted in Marine Max Marina in Brant Beach, and the Little Egg Harbor Yacht Club in Beach Haven, (Zone 8); grid 9-3, (Zone 9); the south shoreline of Great Bay (grids 10-2 and 10-9), and Little Bay, (Zone 10); and Seven Mile Beach south to West Wildwood, (Zone 11).

Forecasted Operations:

- Monday:
 - Surge line debris collection from Radio Road, (Zone 9); and Sea Isle City, and Nantuxent Creek in Gandy's Beach and Money Island, (Zone 11).
 - Target and debris removal from Channel Creek, Mill Creek, Parker Run Creek and Little Egg Harbor tributaries, (Zone 8); areas off Radio Road, (Zone 9); Gardner's Basin and the Mullica River, (Zone 10); and Oyster Creek, Carino Creek, Taylor/Jones Creek, Ruben-Warren Thorofare, South Avalon Bay area, Cedar Creek, Mad Horse Creek, Hope Creek and Alloway Creek, (Zone 11).

- Side Scan Sonar will be conducted in grids 9-3 and 9-10, (Zone 9); Little Bay and Reeds Bay, (Zone 10); and lagoons south of Stone Harbor and Great Egg Harbor Bay, (Zone 11).
- Four-day outlook:
 - Hand removal of debris will continue at Radio Road, (Zone 9); Route #30, (Zone 10); and Cedar Creek at Bay Point, (Zone 11).
 - Target and debris removal will continue in Runabout Creek and Sheepshead, (Zone 9); Gardner’s Basin, Brigantine area and Mullica River (Zone 10); and Oyster Creek, Carino Creek, Taylor/Jones Creek, Ruben-Warren Thorofare, South Avalon Bay area, Cedar Creek, Mad Horse Creek, Hope Creek and Alloway Creek, (Zone 11).
 - Side scan sonar continuing in Zones 8, 9, 10, and 11.

Estimated Completion Dates of Current Tasks for Southern Region as of 6/13/2013:

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

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