

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: Thursday June 13, 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): 5,914
- Total number of large debris recovered: 38 vessels
- Total verified sediment removal (total cubic yards): 30,640
- 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:

- Continued sediment removal in the Hackensack Marina and the Edgewater Marina in Zone 1.

Forecasted Operations:

- Thursday: Complete sediment removal in Hackensack Marina and continue sediment removal in the Edgewater Marina.
- Four day outlook: In Zone 1, sediment removal will continue in Edgewater and Von Dohln Marinas. A post hydrographic survey will be performed in the Hackensack Marinas in order to verify completion. Sediment removal is expected to begin in Smith

Creek within the week. 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 6/6/2013:

Northern Region	
Activity	Estimated Completion
Rivers and Streams Waterway Debris Removal	Mid-June
Marina Debris Removal	Late June
Bay Debris Removal	Early August
DOT Channel Sediment Removal	Early September
Marina Sediment Removal	Mid-November

CENTRAL REGION:

To Date:

- Total cubic yards of debris removed: 46, 665
- Total large debris (vessels, cars, etc.): 93 vessels, 3 vehicles
- Total estimated Sediment removed: 15,062
- Total verified acres surveyed by side-scan sonar: 43,847
- 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 and target removal crews worked at Gunning Island, in the Fairhaven and Rumson areas on the Navesink 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. Sediment removal operations continued in Zone 4, area 6 and beach restoration efforts resumed.

Forecasted Operations:

- Thursday: Debris removal crews will continue working in the Navesink River, Gunning Island, Shark River, Manasquan River, Mantoloking, and Long Beach Island weather permitting. Sediment removal to continue in Zone 4 area 6.
- 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. Operations on the Shark River to end within the week. Sediment removal to continue in Zone 4, area 6.

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

Central Region	
Activity	Estimated Completion
Floating Debris	Early June
Island Debris Removal	Mid-June
Wetland Debris Removal	Late June
Blocked Storm Water Outfall Sediment Removal	Late June
Bays and Streams Debris Removal	Late June
Ocean Side Scan Sonar	Late June
Ocean Debris Removal	Late June
Marina Sediment Removal	Mid-August
Bay/Lagoon Sediment Removal	Late September
DOT Channel Sediment Removal	Early October

SOUTHERN REGION:

To Date:

- Total cubic yards of debris removed (inland): 14,882
- Total large debris (vessels, cars, etc.): 18 vessels
- Total verified acres surveyed by side-scan sonar: 62,308
- 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 crew removed debris from Cedar Creek in Bay Point, (Zone 11).
- Target and debris removal from the beaches off Radio Road, Bass River and Great Bay Marina, (Zone 9); and from the southernmost region of Ocean City, the intercoastal south to Sea Isle City, Lakes Creek, Long Pot Creek, Middle River, Cedar Creek, Dennis Creek, and Bidwell Creek, (Zone 11).
- Bay Side Scan Sonar was conducted in the Little Egg Harbor area, and Beach Haven area (grids 8-15, 8-16, 8-20, 8-21 and 8-25), (Zone 8).
- Side Scan Sonar was conducted in Beach Haven West lagoons, (Zone 8); and the lagoons of Mystic Island, Osborne Island, and others within the Atlantis Golf Course area, (Zone 9).
- Scouting targets in the Nacote Creek, Motts Creek, Oyster Creek, Broad Creek, and Landing Creek, (Zone 10).

Forecasted Operations:

Thursday:

- Surge line debris collection from the Radio Road Bridge area and south toward Mystic Island, (Zone 9); and Cedar Creek at Bay Point, (Zone 11).

- Target and debris removal from Bass River, and Wading River, (Zone 9); Nacote Creek Basin, and the Chestnut Neck Marina, (Zone 10); and English Creek, Mill Creek North, Big Elder Creek, Deep Creek, Avalon back bay and lagoon area, Sea Isle City area, Cedar Creek, and East Delaware Bay, (Zone 11).
- Bay Side Scan Sonar will be conducted in the Beach Haven area (grids 8-20, 8-21, and 8-25), (Zone 8).
- Side Scan Sonar will be conducted in the Beach Haven West lagoons, Stafford Twp., Ship Bottom, Sunset Point Inlet, and Lagoons Inlet (Zone 8); and Great Bay and the non-DOT portion of St. Georges Thorofare, Penrose Channel, and Venice lagoon, (Zone 10).
- Submerged target identification in Mill Creek, Channel Creek, and Parker Run Creek, (Zone 8).

Four-day outlook:

- Hand removal of debris will be continue at Radio Road, and Bass River, (Zone 9); and Cedar Creek at Bay Point, (Zone 11).
- Target and debris removal will be conducted in unnamed creeks, (Zone 8); Bass River, and Great Bay, (Zone 9); the Mullica River, (Zone 10); and Cedar Creek, Dennis Creek, Bidwell Creek, Sea Isle area, and Wildwood area, (Zone 11).
- Side scan sonar continuing in Zones 8, 9, and 10.

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

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

Information and updates now posted on Twitter! Follow us!



@NJBeachReport

~For Official Use Only~