

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: Saturday June 8, 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): 5,760
- 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: 1,194

Yesterday's Operations:

- Sediment removal continued on the Hackensack marinas with expectation to finish this weekend. Sediment removal will also continue in Edgewater and Von Dohln Marina.

Forecasted Operations:

- Saturday: In Zone 1, units are estimated to finish sediment removal of the marinas in Hackensack Creek and Hackensack River. Sediment removal will continue on Von Dohln and Edgewater Marinas.
- Four day outlook: In Zone 1 sediment removal is expected to continue on the Von Dohln and Edgewater marinas. Sediment removal expected to begin on Smith Creek this

upcoming week. In Zone 2, sediment removal is planning to commence on Shrewsbury as soon as a disposal site is identified.

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

Northern Region	
Activity	Estimated Completion
River 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: 44,602
- Total large debris (vessels, cars, etc.): 88 vessels, 3 vehicles
- Total estimated Sediment removed: 12,924
- Total verified acres surveyed by side-scan sonar: 43,847
- Estimated hydrographic survey acres: 159
- Total targets identified: 2,295
- Total targets retrieved: 1,725
- Total targets disqualified/below draft depth: 252

Yesterday’s Operations:

- One barge picked up debris in Zone 3. All other operations were shut down due to inclement weather. Sediment removal on hold in Zone 4, area 6.

Forecasted Operations:

- Saturday: Debris removal crews will continue working in the Navesink River, Gunning Island, Shark River, Manasquan River, Manatoloking, and Long Beach Island weather permitting.
- 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 is suspended until an accessible disposal location for beach quality sand is permitted by the Army Corp of Engineers and NJDEP.

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): 14,473
- Total large debris (vessels, cars, etc.): 16 vessels
- Total verified acres surveyed by side-scan sonar: 64,420
- 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:

- All operations were suspended due to inclement weather, (Zone 8).
- All activity was suspended due to weather conditions, (Zone 9).
- Side Scan Sonar was performed in the non-DOT areas of the Mullica River, (Zone 10).
- All other operations were suspended due to weather, (Zone 10).
- All operations suspended due to weather conditions, (Zone 11).

Forecasted Operations:

Saturday:

- Due to the amount of flooding, inaccessible work areas, and a number of other safety variables, in addition to today's anticipated heavy rains, all work has been suspended for 6-8-13, (Zones 8, 9, 10 and 11).

Four-day outlook:

- Weather permitting, hand removal of debris to the surge line will be conducted at Radio Rd., near Mystic Island, (Zone 9); Ocean City area south including Strathmere, Sea Isle, Avalon, and Bay Point, (Zone 11). Target and debris removal will resume in Inland Bay,

(Zone 8); Mystic Island (Zone 9); and Great Egg Harbor River (DOT Channel #177), (Zone 11). Side scan sonar continuing in Zones 8, 9, 10 and 11.

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

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~