

## 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: Wednesday April 24, 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): 2,492.65
- Total large debris (vessels, cars, etc.): 15 vessels
- Total verified acres surveyed by side-scan sonar: 17,585
- Total targets identified: 1372
- Total targets retrieved: 199
- Total targets disqualified/below draft depth: 114

Today's Operations:

- Side scan sonar surveys performed in Raritan Bay (~280 acres).
- Hydrographic surveys were performed in River Barge Park, Snipe Marina, Majestic Marina, and Dragon Fly Marina.
- Debris recovery performed on the Hudson and Hackensack Rivers as well as Matawan Creek.

Forecasted Operations:

- Thursday: Hydrographic surveys in marinas on Smith Creek, Perth Amboy Area, Gateway Marina, Twin Lights Marina, and Oceanview Marina. Debris and target recovery in the Hackensack and Hudson Rivers, Von Dohln Marina, Cheesequake Creek, and Viking Marina. Side scan sonar scans in Raritan Bay.

- Friday: Hydrographic surveys in the Shrewsbury and Hackensack Rivers. Side scan sonar surveys in Raritan Bay. Debris and target recovery in the Hackensack and Hudson Rivers, Cheesequake Creek, and Raritan Bay.
- Saturday: Hydrographic surveys in the Shrewsbury and Hackensack Rivers. Side scan sonar surveys in Raritan Bay. Debris and target recovery in the Hackensack and Hudson Rivers, Cheesequake Creek, and Raritan Bay.

### **CENTRAL REGION:**

#### To Date:

- Total cubic yards of debris removed: 16,486.3
- Total large debris (vessels, cars, etc.): 18 vessels, 3 vehicles
- Total verified acres surveyed by side-scan sonar: 17,697
- Total targets identified: 1,355 (adjusted)
- Total targets retrieved: 970 (adjusted)
- Total targets disqualified/below draft depth: 161 (adjusted)
- Total acres of hydrographic survey: 33

#### Today's Operations:

- Debris was recovered from Twilight Lake and south of Cedar Creek and the Bayville marshes.
- Submerged targets were recovered in Zone 6 grids.
- Side scan sonar surveys were performed west of the State Park.

#### Forecasted Operations:

- Recovery of visible, floating, and targeted debris will resume in Twilight Lake, Bayville, and the Berkley Township marshes. Side scan sonar surveys will continue west of the State Park.
- Through the week side scan sonar surveys will continue in Zone 6 with debris recovery operations from the Forked River to the Barnegat Bay Inlet. Additionally, side scan sonar operations should begin within Zone 3 (ocean side of Monmouth County) in the coming days.

### **SOUTHERN REGION:**

#### To Date:

- Total cubic yards of debris removed (inland): 6,987
- Total large debris (vessels, cars, etc.): 0
- Total verified acres surveyed by side-scan sonar: 7,786
- Total targets identified: 2,527
- Total targets retrieved: 97
- Total targets disqualified/below draft depth: 138

#### Today's Operations:

- Debris recovery continued at Seven Islands. Debris recovery also continued in the west canals of Atlantic City and Pleasantville. High winds hindered operations throughout the region.

Forecasted Operations:

- Thursday: Debris recovery operations in the areas of Seven Island, and Brigantine Island north of the Brigantine Bridge. Scouting operations will continue in the areas of Egg Island Point, Nantuxent Cove, Back Creek, and Cedar Creek.
- For the remainder of the week, debris recovery operations will take place around the western shores of LBI, Wetecunk Creek, Seven Islands, Rucker's research facility, the Brigantine area, the west canals of Atlantic City and Pleasantville, and the Greenwich Marina and Cohansey River. Side scan sonar surveys will begin in Great Bay Marina, Morrison's Beach Haven Marina, Schimpf Marina, Holgate Marina, and Southwick's Marina this week.

Report debris at 1-877-WARN-DEP or at [waterwaydebris@dep.state.nj.us](mailto:waterwaydebris@dep.state.nj.us).

Additional information available at:

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

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