

## NJDEP: SUPERSTORM SANDY – WATERWAY DEBRIS REMOVAL PROJECT

### SAND REPLACEMENT ON MUNICIPAL BEACHES

As part of New Jersey’s removal of Superstorm Sandy debris from the State’s waterways, the Department of Environmental Protection (DEP) is assessing and evaluating sediment deposits (shoals) in our waters that are associated with Superstorm Sandy.

Beach sand that washed into the bays along the Atlantic Coast during Superstorm Sandy is intended to be placed on impacted ocean-side beaches. Local municipalities have identified sections of beaches in their communities where sand replacement is necessary to help secure the beaches from future storms. Prior to removal from the bays, the sand is tested for grain size, total organic carbon and percent moisture using established sampling protocols set forth in the DEP’s dredging technical manual. Only sand that is greater than 90% sand is intended to be placed on area beaches. Upon removal of sand from the bay waterways, the State’s debris removal contractor will sort and screen the sand to remove any debris, and then stockpile the sorted and screened sand at an off-loading site prior to placement on a beach.

Sand that has been in the bays for several months typically appears dark compared to sand that currently is on the beach. As this displaced sand dries and is exposed to sunlight, its color changes to resemble the color of sand that typically is found on New Jersey beaches. This is similar to what we observe in typical beach replenishment projects in New Jersey: the sand that is pumped onto area beaches from the ocean and inlets is also dark when first placed on the beach, and then it lightens as it dries and is exposed to sunlight.

The following table provides the current location of sand replacement on local municipal beaches along the Atlantic coastline:

<b>Municipality</b>	<b>Beach Location</b>	<b>Project Start Date</b>	<b>Project End Date</b>
Brick Township	Brick Beach III – Between Brick Beach III parking lot and Kupper Drive	6/3/13	08/09/13
Mantoloking	Lyman Street end to Mantoloking Beach	7/20/13	Mid September
Seaside Heights	TBD week of August 19 <sup>th</sup>	TBD week of August 19 <sup>th</sup>	Mid September