

# Wetland Mitigation Project

## Borough of Sayreville, Middlesex County

February 2011 Fact Sheet

### Background

A Wetland Mitigation Project is being initiated in the 10 acre marsh area located at Block 451, Lot 1.04 in Sayreville Borough, Middlesex County, New Jersey (i.e., adjacent to the confluence of the Cheesequake and Cross Ways Creeks). This project is being completed in order to satisfy a portion of the wetland mitigation obligations pursuant to N.J.A.C. 7:7A-15 related to the remediation of the Global Landfill Superfund Site (Global Landfill). Historic wetland impacts from a slope failure and anticipated wetland impacts associated with the remedy of the Global Landfill require mitigation for the loss of approximately 4 acres of wetlands. To partially fulfill this requirement, the Global Landfill Group (Group) has developed a plan for the enhancement of currently degraded tidal wetlands at the above-referenced property.

### Current Status

The proposed wetlands mitigation at the property will be provided primarily in the form of wetlands enhancement, including the removal of the common reed (*Phragmites australis*) that dominates the degraded marshland portion of the property, re-grading of the property, excavation of tidal channels to improve tidal flow, and planting of new wetland vegetation including cordgrass (*Spartina alterniflora*), resulting in a more-productive intertidal marsh. It is anticipated that approximately one to two feet of existing surface materials will be removed from the existing degraded marshland mitigation area.

A small area adjacent to the marsh, approximately 40 feet by 40 feet by 1 foot deep, containing soil with levels of pesticides slightly in excess of New Jersey Department of Environmental Protection (NJDEP) soil clean-up criteria, will be excavated and removed from the property. Miscellaneous surface debris and relic telephone poles will also be removed as part of the project. The Group has awarded a construction contract to AWT Environmental, Inc., of Sayreville, New Jersey to perform all of the previously described work in the wetlands, except for planting of new wetland vegetation, which will be performed by a different contractor under a separate contract.

Work is anticipated to begin in March 2011 and should be substantially complete by June 2011. Access for the purpose of construction will be provided through the adjacent Brown's Boat Yard. During the construction period, construction equipment including excavators, bulldozers and dump trucks will be operating in the marsh. Highway trucks will transport vegetation, soil, sediment, and debris from the property to offsite locations via Gondek Drive, Zaunerowicz Road, and Ernston Road. Regular work hours will be 7:00 A.M. to 5:00 P.M., Monday through Friday.

The work will be conducted in accordance with a NJDEP Waterfront Development and Freshwater Wetland Permit Equivalency #1209-06-001.2 FWW 090001 (GP5), CDT 090001FC, issued to the Group, a Wetland Mitigation Design Plan approved by NJDEP, and a Soil Erosion and Sediment Control Plan approved by the Freehold Soil Conservation District.

## **Future Actions**

Following completion of the wetland mitigation construction project, the Group will be responsible for routine monitoring and maintenance of the wetland for a period of 3 to 5 years. During this time a wetland specialist will visit the property to conduct success-monitoring in accordance with NJDEP requirements. After the monitoring period, the property will be deed restricted by a conservation easement following completion of the enhancement and success-monitoring requirements.

For more information on the Global Landfill Site, please visit:

<http://www.epa.gov/region02/superfund/npl/globalsanitary/index.html>.

For more information regarding the remediation actions and construction at the Global Landfill Site, please visit: <http://nj.gov/dep/srp/community/>

For more information on NJDEP's wetland mitigation requirements, please visit:

<http://www.nj.gov/dep/landuse/mfaqs.html> and <http://www.state.nj.us/dep/landuse/MITIGATE.PDF>

For more information about the construction activities associated with the Wetland Mitigation Project, please contact:

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