

**PROJECT:** Provincetown Municipal Airport Improvement Project

**CLIENT:** Provincetown airport Commission, Edwards and Kelcey

In May 2001, the Department of Environmental Protection (DEP) granted a variance from the Massachusetts Wetlands Protection Act and Water Quality Certification regulations for the Provincetown Municipal Airport Improvement Project. This decision authorized the upgrade of the approach light system, construction of an FAA access roadway, and the construction of runway safety areas based on an overriding public interest in addressing the need for regional safety improvements.

Epsilon provided environmental inspection and restoration monitoring services required by the Variance Order of Conditions. An Epsilon staff member served as the environmental monitor throughout the construction phase of the project, conducting weekly site inspections to verify the performance of erosion control measures, oversee construction within wetland areas, and document site activity. Monthly inspection status reports were submitted to DEP summarizing site activity and conditions, erosion or sedimentation problems, remedial actions taken, and recommendations for improvement.



Mitigation for the project was provided through the Hatches Harbor Salt Marsh Restoration Project, managed by the National Park Service. The restoration project involves restoring 60 to 90 acres of salt marsh habitat over a period of ten years through the controlled opening of newly installed culverts in the Hatches Harbor dike. The proposed restoration altered the hydrology of the area, thereby potentially creating additional wetlands along the wetland edge. Epsilon completed baseline monitoring in December 2001 and monitored changes in vegetation and hydrology for a period of five years. At the end of each year, a detailed report was provided to DEP describing observations and changes along the wetland edge during the year. In early 2006, DEP issued a “Certificate of Compliance” to the Airport Commission.

**PROJECT:** Wetland Monitoring at Bentley College, Waltham, MA

**CLIENT:** Geller - DeVellis, Inc.



Epsilon collected water quality samples and monitored five wetland replication areas that were constructed as mitigation for wetland impacts associated with a major track and field development at Bentley College in Waltham, MA. Epsilon collected data documenting existing soil types, hydrologic conditions and the approximate percent cover of native wetland plant species in each replication area. Water quality samples collected by Epsilon were forwarded to a state certified laboratory and evaluated for nitrates, phosphates and total suspended solids. Reports summarizing the results of Epsilon’s work were submitted to the Waltham Conservation Commission. A Certificate of Compliance was subsequently issued by the Conservation Commission.