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CASE STUDY

AQUATIC DESIGN & POND MANAGEMENT

MOUNT AUBURN CEMETERY CAMBRIDGE, MA

New England Environmental, Inc. was hired for aquatic design and pond management for Halcyon Lake in Cambridge, MA. Located within the cultural context of Mount Auburn Cemetery, the restoration objective for Halcyon Lake and its shoreline consisted of maintaining its historical and aesthetic ideals while adhering to the requirements of the Massachusetts Wetland Protection Act.



The banks of Halcyon Lake were visibly eroded, contained invasive exotic plant species and were in need of assistance. New England Environmental, Inc. (NEE) implemented an integrated restoration plan which included the use of biodegradable erosion control materials and native aquatic plantings.

NEE project goals:

- Insure long-range vegetative health
- Improve water quality & wildlife habitat
- Enhance the aesthetic ideal
- Remove invasive exotic plant species

In conjunction with the restoration at Halcyon Lake, NEE has provided Pond Management Plantings for several other pond and lakes throughout the cemetery. These plantings range from simple emergent shelf re-vegetation, to more sophisticated and layered planting schemes.

Plant species include:

Acorus calamus Pontederia cordata Juncus effusus Scirpus acutus
Nymphae odorata Sparganium americanum Iris versicolor Scirpus atrovirens

