

Public Facility

Massachusetts Audubon Society
Wellfleet Bay Visitor Center

South Wellfleet, MA

Profile

- The preserve includes 1,100 acres of salt marshes, sandy beach, pine woodland and a freshwater pond that attracts a wide array of wildlife
- 10,000+ sq. ft. interpretive nature center attracts 70,000 visitors annually
- Incorporated within the center
 - Auditorium
 - Classrooms
 - Offices
 - Exhibit space
 - Wet lab classroom
 - Bird-watching corner
 - Gift shop
 - Saltwater aquarium

Challenge

- Protect the environment, educate visitors, save freshwater
- Minimize environmental impact of the visitor center
- Protect ecologically sensitive area

Solution

- Eliminated sewage altogether
- Greywater recycled to planter beds
- Incorporated the design into the interpretive tour to raise public awareness
- Installed 8 Nepon foam-flush toilet fixtures
- Installed 2 model M-35 composter

USGBC LEED Platinum
First Platinum green design
on Cape Cod.



**Nepon 3-oz
Foam-Flush
Toilet**





Greywater garden's native plants attract birds and other wildlife.
Plants' nutrient up-take eliminates pollution.

- Greywater filter eliminates septic tank
- Drastically reduces soil absorption system (leach field)
- Biologically active soil provides treatment
- Shallow depth of SAS allows for efficient plant up-take
- Flower garden adds an attractive, educational element



Exposed greywater system