

Long Island Sound License Plate Projects



Please note that this list includes all projects funded through the Long Island Sound Fund for each funding round. This list is organized by project type, then alphabetically by recipient.

1993

Award Recipient - Municipality or Community Affected	Award Amount	Project Type
<p>Carey Mac Productions - Norwich <i>Public Education Videos</i></p> <p>A 22-minute educational video designed for elementary and high school students on the history, geology and aquatic habitats of Long Island Sound, presented by children.</p>	\$27,475.00	Education
<p>Cheshire High School - Cheshire <i>Storm Drain Stenciling & Environmental Audit Project</i></p> <p>A storm drain stenciling project designed to promote community and school awareness of non-point source pollution, and to identify those storm drains which drain into Long Island Sound, in an attempt to reduce sediment runoff and the dumping of contaminants by neighborhood households through a change of behavior on the part of individual homeowners.</p>	\$13,586.88	Education
<p>Connecticut College - Multiple Municipalities Affected: Statewide <i>Tidal Marsh Booklet</i></p> <p>An educational publication to educate citizens about the history, ecology, functions, values, preservation, regulation and restoration of the tidal marshes of Long Island Sound and its associated estuaries with emphasis on Connecticut.</p>	\$25,000.00	Education

East Hartford Board of Education - East Hartford

\$610.00

Education

Storm Drain Stenciling

A storm drain stenciling program to promote community and school awareness of the adverse impacts of non-point source pollution on Long Island Sound. The project includes 1) educational programs in a science class at the East Hartford Middle School regarding non-point source pollution and stormwater management in the context of watershed management, 2) stenciling of approximately 100 storm drains to identify that they drain into Long Island Sound, and 3) development and production of educational materials to be shared with the residents of East Hartford explaining the program.

General Graphics, Inc. - Multiple Municipalities Affected: East Lyme, Old Lyme, Madison, Milford, and Westport

\$21,655.00

Education

Signs for DEP's Observation Platforms

Signs for DEP's Observation Platforms.

Jagush, Jon Marc - New Fairfield

\$250.00

Education

Storm Drain Stenciling-Pembroke School Danbury/Meeting House School New Fairfield

A storm drain stenciling program involving the Pembroke School in Danbury and the Meeting House School in New Fairfield to raise community and school awareness of the adverse impacts of non-point source pollution on Long Island Sound. Educational programs conducted in Mr. John Marc Jagush's third grade class at Pembroke School on the causes and adverse impacts of non-point source pollution are also a component of this project. Specific activities consist of stenciling approximately 60 storm drains in Danbury and New Fairfield, and development and production of educational materials to be utilized in the classroom and distributed to students explaining non-point source pollution, stormwater management and the storm drain stenciling program.

Maritime Aquarium at Norwalk, The - Norwalk

\$25,000.00

Education

Long Island Sound Treasure Chest

An education and public outreach program providing teachers with the resources, information and artifacts required to comprehensively explore Long Island Sound topics in the classroom, consisting of a traveling "Treasure Chest" of educational materials bringing teaching resources from the Sound to students in up-land or large urban areas.

Middlesex County Soil & Water Cons. District, Inc. - Old Saybrook **\$1,540.00** **Education**

Storm Drain Stenciling

A storm drain stenciling program conducted by the Middlesex County Soil & Water Conservation District, working cooperatively with the Town of Old Saybrook, to raise community and school awareness of the adverse impacts of non-point source pollution on Long Island Sound.

Mystic Seaport Museum, Inc. - Stonington **\$26,089.00** **Education**

A Living Harvest: Oystering in Long Island Sound

A curriculum resource kit and a traveling panel exhibit for teachers and students in grades 4-6 with an associated role player program to increase the public's awareness of the need to preserve and protect Long Island Sound, by using oysters and the oystering industry as a point of departure.

**Nature Conservancy-Connecticut Chapter - Multiple Municipalities Affected:
Connecticut River, Middletown** **\$13,000.00** **Education**

Tidelands of the Connecticut River Brochure

A brochure focusing on protecting the extraordinary, ecologically complex system of tidal marshes along the lower portion of the Connecticut River and its tributaries, from Glastonbury and Rocky Hill to Long Island Sound.

New Haven/Urban Resources Initiative - New Haven **\$12,804.35** **Education**

Edgewood Park Educational Project

Development of a comprehensive environmental education project aimed at using active, outdoor learning in Edgewood park to teach fifth graders in New Haven's Edgewood School about the patterns and processes of wetlands draining to the Sound. A hands-on component consisting of students using the Duck Pond area of Edgewood Park as a case study to gather ecological data on soils, water quality, vegetation and wildlife is also a component of the project.

Norwalk Harbor Management Commission - Norwalk **\$600.00** **Education**

Storm Drain Stenciling

A storm drain stenciling program to raise the community's awareness of the adverse impacts of non-point source pollution on Long Island Sound, consisting of stenciling approximately 500 storm drains that drain into Long Island Sound using volunteers from community groups and schools to notify them of the opportunity to stencil storm drains and to inform them of the procedure and purpose of such activity.

Norwalk Seaport Association - Norwalk

\$22,758.00

Education

Celebrating the Sea

Development of environmental classroom programs for elementary school children, giving each student an opportunity to learn about environmental influences upon Long Island Sound, marine life in the Sound's ecosystem and the significance of the Norwalk River Watershed area as it affects the environmental health of the Sound, utilizing a 250 gallon marine "touch Tank" and a 30-gallon tank full of "baby" sea creatures, various story telling techniques, observation of the marine environment as seen from a historic working oyster house in a harborside location, visits to 60 acre Sheffield Island within its inner and outer shore environments and visits to the sections of marshland bordering nearby Veterans Park.

Old Saybrook Board of Education - Old Saybrook

\$5,033.96

Education

Students Testing Old Saybrook's Pollution (S.T.O.P.) Educational Program

An environmental education and awareness project in the community of Old Saybrook actively involving students at Old Saybrook High School in Old Saybrook's many environmental issues, with the purpose of educating residents about its unique environmental condition. Components of the project include student involvement in water quality testing, and research vessel expeditions.

Sea Research Foundation, Inc./Mystic Aquarium - Stonington

\$35,583.00

Education

Long Island Sound Conservation Information Resource Center

Creation of an information center in the Mystic Aquarium to educate the public about Long Island Sound and explain how people can help restore and protect it, through regularly scheduled presentations and interpretative programs, incorporating the use of live animals, videos and interpretive graphics, and providing visitors the opportunity to talk with knowledgeable individuals about issues crucial to the future of Long Island Sound.

Stratford, Town of - Stratford

\$880.00

Education

Storm Drain Stenciling

A storm drain stenciling program to raise community and school awareness of the adverse impacts of non-point source pollution on Long Island Sound, including stenciling of approximately 685 storm drains, conducting an educational meeting with volunteers on the importance of eliminating non-point source pollution and the procedures for stenciling storm drains and developing and producing educational materials to be distributed to community groups and schools to inform them of the procedure for stenciling storm drains.

UConn-Sea Grant - Groton

\$5,000.00

Education

Storm Drain Stencils - 2000 Stencils for Use by Others at No Cost

Purchase of additional stencils to augment Sea Grant's storm drain stenciling program to complement Sea Grant's brochure which describes the problems of non-point source pollution and the connection to storm drains, including instructions on how to stencil storm drains.

Gulf Beach Improvement Committee - Milford

\$3,225.00

**Habitat
Restoration**

Beach Plantings at Gulf Beach

Stabilization of the dune system at Gulf Beach, Milford through beach grass planting and environmental education of those who volunteer to do the planting and the community as to the value of shorefront resources.

Waterford Association - Waterford

\$6,812.90

**Habitat
Restoration**

Dune Restoration and Erosion Control

A habitat restoration project at Pleasure Beach and Clam Pond Creek in Waterford consisting of dredging portions of the creek, reusing the material on the beach to restore the dunes, planting dune grasses to stabilize the dunes and prevent erosion, installing snow fencing and initiating education efforts to inform individuals of the importance of dune protection measures in preserving the area's ecology.

Westbrook, Town of - Westbrook

\$6,090.76

**Habitat
Restoration**

Stabilize Dune System along Seaside Ave. through Beach Grass Plantings

Stabilization of the dune system along Seaside Avenue through beach grass planting and protection of the dune vegetation from foot traffic through the use of volunteers conducting the plantings. Organization of an educational program with the Westbrook school system including the distribution of a flyer discussing the significance of dunes, the way they protect the shoreline and the means of preserving them is also a component of the project.

DEP-Bureau of Support Services - Madison

\$9,024.00

Public Access

Renovation and Educational Displays at Meigs Point Nature Center at Hammonasset State Park

Construction of 3-dimensional displays and equipment purchases for Meig's Point Nature Center located at Hammonasset Beach State Park in Madison to make the Center not simply a "museum", but a living, breathing, interactive educational resource which focuses on Long Island Sound as a valuable natural resource.

DEP-Bureau of Support Services - Westport

\$64,905.00

Public Access

Observation Platforms and Signage at Various Locations throughout the State. Includes: Observation Platform & Signage at Sherwood Island

Platforms and signage to provide increased public access as well as educate the public about the coastal resources, diverse plant and animal species and habitat types and their place in the natural ecosystem of Long Island Sound. Two of the ten sites are located at Great Island and at Ferry Landing in Old Lyme.

DEP-Bureau of Support Services - Milford

\$5,000.00

Public Access

Observation Platforms and Signage at Various Locations throughout the State. Includes: Observation Platform & Signage at Milford Point

Observation Platform & Signage at Milford Point.

DEP-Bureau of Support Services - Madison

\$5,000.00

Public Access

Observation Platforms and Signage at Various Locations throughout the State. Includes: Observation Platform & Signage at Willard Island in Hammonasset State Park, Madison

Observation Platform & Signage at Willard Island in Hammonasset State Park, Madison.

DEP-Bureau of Support Services - East Lyme

\$5,820.40

Public Access

Observation Platforms and Signage at Various Locations throughout the State. Includes: Observation Platform & Signage at Rocky Neck State Park in East Lyme

Observation Platform & Signage at Rocky Neck State Park in East Lyme.

DEP-Bureau of Support Services - Stonington

\$5,000.00

Public Access

Observation Platforms and Signage at Various Locations throughout the State. Includes: Observation Platform & Signage at Little Narragansett Bay in Barn Island & Signage at Impoundment #1 in Barn Island, Stonington)

Observation platform & signage at Little Narragansett Bay in Barn Island & signage at Impoundment #1 in Barn Island, Stonington.

Ledyard, Town of - Ledyard

\$8,000.00

Public Access

Boat Ramp at Poquetanuck Cove

Construction of a non-motorized boat access e.g. canoes, kayaks, rowing shells, wind surfers and smaller oar boats to provide access to an exceptional natural, undeveloped area.

New Haven Land Trust, Inc. - New Haven

\$6,700.00

Public Access

Long Wharf Public Access Enhancement

Construction of a pedestrian path (stonedust), curb cuts for wheel chair access and a ground level platform for display of an informational panel to complement the Land Trust and Garden Club's existing educational programs and increase and enhance the public's access to the site. The project includes development of an environmental curriculum based on the ecology of the Nature Preserve oriented toward school-age children. The Nature Preserve is on approximately 19 acres of intertidal flats, tidal wetlands and beaches and dunes deeded to the Land Trust by the City of New Haven in an urban area which is easily accessible by the general public.

New Haven Land Trust, Inc. - New Haven

\$2,730.28

Public Access

Long Wharf Public Access Enhancement

A project to facilitate public access to the Long Wharf Nature Preserve and to promote active public participation in the educational programs being offered by the Garden Club of New Haven.

DEP-Environmental Services - Multiple Municipalities Affected: Connecticut River

\$40,000.00

Research

Side Scan Sonar Data Collection and Mapping of Long Island Sound

Collection of Side-scan sonar data for integration into the DEP/U.S. Geological Survey Cooperative geologic mapping program, used to map and understand the complex sediment systems and associated habitats and pollutants of Long Island Sound, and provide useful information in determining how sediments move, and how physical processes interact with the substrate to create and modify habitats and/or produce sinks for contamination.

Nature Center for Environmental Activities - Westport

\$24,220.00

Research

HarborWatch/RiverWatch Research

Scientific water quality monitoring of three southwestern Connecticut harbors (Saugatuck, Norwalk, Five Mile River) and the Connecticut River, Saugatuck River, Indian River and Sasco Creek by a volunteer citizen's action group called Harbor Watch/River Watch to ensure the biological integrity of such waterways with resulting data and education materials shared with the public, state environmental agencies and other environmental institutions in an effort to solve identified environmental problems.

Number of Projects: 31

LISF Amount Awarded for These Projects: \$429,393.53

Long Island Sound License Plate Projects

1994

Award Recipient - Municipality or Community Affected	Award Amount	Project Type
Bridgeport Board of Education - Bridgeport <i>Demonstration of Longline Scallop Farm</i> Involvement of students and staff of the Bridgeport Regional Vocational Aquaculture School, and interested local environmental groups and educators in an effort to re-introduce a potential valuable scallop industry to CT and New England through a restoration, spawn-stock and reseedling plan, serving as a valuable educational experience and a demonstration project to test the suitability of certain aquaculture methods in Long Island Sound.	\$23,212.00	Education
Clean Sound, Inc. - Shelton <i>Mobile Environmental Learning Center</i> A mobile information center allowing the public to visit the center locally, learn the problems and possible solutions facing the Sound, ask questions, and find out what they can do for the Sound, including extensive information available in displays and a library of literature on Long Island Sound from the Connecticut DEP and others.	\$14,458.11	Education
DEP-Bureau of Outdoor Recreation - Madison <i>Extended Educational Opportunities for Youth at Hammonasset's Nature Center (1995 calendar year)</i> An extension of the season of the Nature Center, increasing the amount of time the operating hours overlap with the school year and allowing more school groups to visit the Nature Center.	\$9,000.00	Education
DEP-Bureau of Outdoor Recreation - Westport <i>Improvement of Sherwood Island State Park Nature Center</i> Development of exhibits and new equipment purchases to enhance the Nature Center, augmenting the interpretive naturalist program at the parks and assisting the interpretive naturalists in conducting programs for the public visiting the center utilizing the exhibits and new equipment.	\$3,200.00	Education

DEP-Bureau of Outdoor Recreation - Groton

\$3,671.00

Education

Bluff Point Coastal Reserve Maps & Signage

A large scale map and twelve smaller signs at Fort Griswold State Park, Bluff Point Coastal Reserve in Groton, featuring information on the Bluff Point Coastal Reserve and Long Island Sound.

DEP-Education & Publications - Multiple Municipalities Affected: Statewide

\$15,000.00

Education

Junior Explorer & Junior Ranger Activity Booklets (English & Spanish Versions)

Creation of two environmental education activity booklets designed to increase the public's awareness and appreciation of Long Island Sound by targeting families and school groups through hands-on activities, covering the varied aspects of Long Island Sound and the importance of its protection and preservation.

DEP-Education & Publications - Multiple Municipalities Affected: Statewide

\$25,000.00

Education

Printing of "Marine Animals of Southern New England and New York: Identification keys to common near shore and shallow water macrofauna."

A scientific publication and educational field guide of the animals of Long Island Sound, providing a valuable tool to aid students with their field studies of Long Island Sound.

East Haven Land Trust, Inc. - East Haven

\$530.00

Education

A Guide to Upper Farm River Marshes in East Haven

A guide featuring the history and ecology of the salt water marshes of the Farm River in East Haven, providing the public with information about the value of the salt water marshes of the Farm River and the East Haven Land Trust's efforts to preserve and provide public access to such marshes.

Forde, James - Multiple Municipalities Affected: Statewide

\$3,457.53

Education

Long Island Sound Stack: An Interactive Computer Program

A user-friendly, interactive computer program available in IBM and Macintosh formats with a target group of students grades 5 through adult, expanding the Long Island Sound Stack to include information on pollution of the Sound, human impact on the Sound, efforts to clean-up, and information on what an asset the Sound is to the region, and the history of the Sound.

Fort Nathan Hale Restoration Projects, Inc. - New Haven **\$4,240.00** **Education**

New Haven Harbor Ecology Sign Project

A series of five signs containing information on the animal and plant life near the shore at Fort Nathan Hale. Fort Nathan Hale is a public park located on the east shore of New Haven Harbor.

Housatonic Valley Association, Inc. - Multiple Municipalities Affected: Housatonic River, Derby, Milford, Orange, Shelton, Stratford **\$23,000.00** **Education**

Housatonic River Estuary Guide

Design, production and distribution of a guide to the Housatonic River Estuary to increase public awareness and understanding of the valuable resource of the Housatonic River and its connection to Long Island Sound.

Jewish Community Center - Multiple Municipalities Affected: Norwalk, Weston, Westport, Wilton **\$22,333.70** **Education**

The Living Laboratory

A project for eighty children from the ages of 9-13 to study the Canfield Salt Marsh, exploring the Marsh by canoe and on foot, collecting, and studying samples, recording observations, conducting a bird census and a plankton sample survey, preparing reports, producing an educational video, constructing an artistic replica of the site, and sharing their findings with the local environmental agencies, educational institutions and the community.

Middlesex County Soil & Water Cons. District, Inc. - Multiple Municipalities Affected: Essex, Westbrook **\$3,576.00** **Education**

Storm Drain Stenciling & Stormwater Education Program for Essex & Westbrook

A storm drain stenciling and storm water education program including a school program and storm drain stenciling with Essex 6th grade classes, community education, teacher workshops, education of town commissions and the public through cooperative work between Essex and Westbrook and stormdrain stenciling with Westbrook residents.

Natural Guard, Inc., The - New Haven **\$12,978.00** **Education**

In My Backyard

An urban education project involving sixth through ninth grade New Haven students with guidance and supervision from TNG staff, consisting of field studies and data collection from a variety of ecosystems related to Long Island Sound, compilation and interpretation of their findings and recommendations, dissemination of the bilingual curriculum to schools and community centers for youth, and dissemination of this same curriculum at host seminars for adults within the community.

Sierra Club Foundation - Multiple Municipalities Affected: Hartford, New Haven, Norwalk, Stamford **\$3,000.00** **Education**

Inner City Outings (ICO) Science Weekend

A science weekend focusing on Long Island Sound for 70 urban youth with a range of topics to be covered encompassing water science, marine life, pollution, microbiology, predators and prey, soil survey, first aid and orienteering.

Sierra Club Foundation - New Haven **\$8,015.45** **Education**

Introducing New Haven Inner City Children to the Long Island Sound and its Tributaries

Development of environmental workshops, outings and environmental educational activities that involve the Long Island Sound and its tributaries.

SoundWaters, Inc. - Stamford **\$10,000.00** **Education**

SoundWaters SoundKids Community Club

An after-school, urban environment education program focusing on experiential, hands-on learning activities related to the creatures and habitats of Long Island Sound and the effect of pollution on animal and human communities.

Southern Connecticut State University - Madison **\$17,152.20** **Education**

Multimedia Guide to Invertebrates in Hammonasset State Park

A hypermedia laser disc production that incorporates live footage of invertebrate organisms along with their actual habitats, to be exhibited at Hammonasset's Nature Center to allow students to relate invertebrate communities to habitat characteristics thereby obtaining a truly functional view of the Long Island Sound Ecosystem.

UConn-Museum of Natural History - Multiple Municipalities Affected: Statewide **\$12,000.00** **Education**

Birds of the Connecticut Coast

Design and production of educational exhibits on the birds of the Connecticut coast to raise the public's awareness of the many species of birds dependent upon Long Island Sound, and upon request, distribution of the exhibits to institutions such as Connecticut schools, nature centers, public libraries, fairs and shopping malls to enhance the public's appreciation of the beauty of birds, help people recognize the different species of birds and learn about the birds' biology and behavior.

Waterford Board of Education - Waterford **\$3,494.58** **Education**

Waterford Coast Watch

A project to educate students of Clark Lane Middle School about the water quality and biotic populations enter LIS and to engage such students in research about these topics.

Waterford Board of Education - Waterford **\$17,423.00** **Education**

Sound Gardening & Lawn Care

Development of an educational brochure on the adverse impacts of gardening and lawn fertilizers on Long Island Sound by Waterford High School students and distribution of the brochure to the local community.

Yale University - Multiple Municipalities Affected: New Haven, West Haven **\$11,323.00** **Education**

West River Science and Policy Symposium

A one-day symposium hosted by The Center for Coastal and Watershed Systems to provide a multi-disciplinary evaluation of the West River, a coastal watershed system in New Haven. The project includes an analysis of the status and future of the West River Watershed from multiple perspectives: economic, historical, political, regulatory and scientific, providing an academic framework for the development of a watershed plan. The focal point of the symposium consists of the restoration of the West River Memorial Park for the enhancement of environmental quality and public access.

DEP-Bureau of Natural Resources, Wildlife Division - Multiple Municipalities Affected: Greenwich, Milford, Norwalk, Westbrook **\$3,992.72** **Habitat Restoration**

Heron/Egret Rookery Protection

Development and installation of educational and informational signs on coastal islands which support breeding populations of herons and egrets to increase awareness of the public to the problems that can be caused by human disturbance, and to reduce the incidents of rookery disturbance.

DEP-Bureau of Natural Resources, Wildlife Division - Multiple Municipalities Affected: Bridgeport, Milford, Stratford, West Haven **\$7,619.33** **Habitat Restoration**

Least Tern Recovery

A monitoring program of all known least tern colonies and installation of protective fencing and signs at areas where human disturbance is a known problem, in an effort to identify factors affecting least tern populations and develop ways to increase colony productivity.

Project Oceanology - Groton

\$16,114.00

**Habitat
Restoration**

Dune Restoration at Bushy Point Beach

Beach grass planting and placement of beach mats and snow fencing to protect beach grass from disturbance at Bushy Point Beach, Bluff Point State Coastal Reserve, Fort Griswold State Park, Groton by students and staff of Project Oceanology to reduce dune erosion, and a student-designed educational brochure featuring the Bluff Point Coastal Reserve.

Stamford, City of - Stamford

\$11,474.41

**Habitat
Restoration**

Dune Restoration at Cove Island

Restoration and stabilization of the shoreline at Cove Island through beach grass planting.

Stratford, Town of - Stratford

\$6,132.59

**Habitat
Restoration**

Long Beach Dune Restoration Project

A dune grass planting project designed to expand public awareness of the vital role of beaches and sand dunes, shore planting to stabilize dunes, access control, and the use of snowfencing.

Branford, Town of - Branford

\$25,000.00

Public Access

Branford Trolley Track, Footbridge & Nature Walk

Construction of a wooden footbridge allowing access over a tidal estuary and to permit marsh viewing on an existing nature trail located on an abandoned trolley right-of-way connecting Pleasant Point and Juniper Point.

Bridgeport, City of - Bridgeport

\$18,000.00

Public Access

Boat Ramp Improvements - Brewster St. Boat Ramp

A public access improvement project at the Seaside Park boat ramp consisting of paving and installation of a new signage system directing boaters to the ramp located on Brewster Street in Bridgeport, Connecticut, to increase the safety and ease of public boat launching activities at the site.

DEP-Bureau of Outdoor Recreation - Westport

\$1,200.00

Public Access

Reconstruction of Tidal Marsh YCC Interactive Trail at Sherwood Island State Park

Public access and educational improvements to an overgrown nature trail with interactive stations describing the habitat and its value, and a trail guide.

Madison Land Conservation Trust - Madison

\$15,000.00

Public Access

Purchase of the Ox Pasture

Acquisition and preservation of a 5.5 acre developable parcel known as Ox Pasture; demolition and removal of an old airplane hangar at the site; design and construction of an observation platform with natural history exhibits and pamphlets; and protection of the habitat for ospreys, diamondback terrapins, least shrews and migratory birds.

Mystic Fire District - Multiple Municipalities Affected: Groton, Stonington

\$25,000.00

Public Access

Creating Public Access to the Mystic River

Demolition of sheds at the Mystic Fire District's 2.2 acre waterfront property in downtown Mystic adjacent to the Mystic River drawbridge, connecting the Mystic River to Downtown Mystic by the creation of a public waterfront park.

Stonington, Town of - Stonington

\$23,800.00

Public Access

Pawcatuck Park Development

Transformation of an underutilized, public open space on the Pawcatuck River into an attractive park for fishing, picnicking, community activities, and for access for small craft to enter the river and for transient boaters to moor, including the following: dockage, interpretive signage, benches, and a pedestrian path.

Stratford, Town of - Stratford

\$12,500.00

Public Access

Short Beach Picnic Area Improvements Project

Increased public access at Short Beach Park, including expansion of the picnic facilities near the Housatonic River, installation of an open air picnic shelter, a barbecue grill, twelve wooden picnic tables and four trash receptacles.

DEP-Bureau of Natural Resources, Wildlife Division - Multiple Municipalities **\$14,280.45** **Research**
Affected: Statewide

Diamondback Terrapin Assessment and Monitoring

A survey of population distribution of diamondback terrapins, including an assessment of the potential health risks of their consumption.

Madison Land Conservation Trust - Madison **\$2,950.00** **Research**

Remove Airplane Hangar

Removal of a derelict airplane hangar and associated debris from a parcel known as the Ox Pasture in the East River/Neck River marshes in Madison in order to restore the site. This is the 2nd phase of a 3 phase project.

Save the Sound, Inc. - Stamford **\$25,000.00** **Research**

Monitoring Water Quality

A water quality monitoring program to assess the water quality of two harbors (Stamford and Cos Cob) and begin to monitor Black Rock Harbor. Activities include collection of data, production of a year-end report distributed to local, state, and federal levels to justify improvements in sewage treatment plants, septic systems and land use practices.

Yale University - Multiple Municipalities Affected: New Haven, West Haven **\$27,485.00** **Research**

West River Biological Inventory

An inventory to acquire baseline data on existing flora and fauna communities of the West River Memorial Park salt marsh, a coastal watershed system in New Haven.

Number of Projects: 38

LISF Amount Awarded for These Projects: \$481,613.07

Long Island Sound License Plate Projects

1995

Award Recipient - Municipality or Community Affected	Award Amount	Project Type
Connecticut Audubon Coastal Center - Milford <i>The Development of a Saltmarsh Laboratory at the Connecticut Audubon Coastal Center</i> Equipment purchase for a new salt marsh laboratory at the Coastal Center, located on a spit of land surrounded on three sides by Long Island Sound, the Housatonic River, and the Charles E. Wheeler Salt Marsh, to be available to university scientists and their students, as well as select groups of high school students under the supervision of these scientists.	\$25,000.00	Education
Connecticut State University System - Branford <i>Endowment for Outer Island</i> A challenge grant to build an endowment, to sustain on a permanent basis, a program of education and public outreach, research and public access on Outer Island, the southernmost of the Thimble Islands in Long Island Sound, involving collaboration with the Stewart B. McKinney National Wildlife Refuge (a unit of the U.S. Fish and Wildlife Service) and the Connecticut State University System; the McKinney Refuge managing the wildlife habitat portions of the island, and the University System operating educational, research and access programs for University students and faculty in a great variety of disciplines, public and private schools, environmental organizations and the public at large.	\$250,000.00	Education
DEP-Bureau of Outdoor Recreation - Madison <i>Extended Educational Opportunities for Urban Youth at Hammonasset's Nature Center (calendar year 1996)</i> An extension of the season of the Nature Center to increase the amount of time the operating hours overlap with the school year to allow more schools to visit the Nature Center.	\$7,294.00	Education

DEP-Bureau of Water Management - Multiple Municipalities Affected: Statewide **\$30,000.00** **Education**

A Visual Video Representation of the 3-Dimensional Hydrodynamic Model of Long Island Sound

Development of a television quality 15-20 minute video with VHS copies animating the Long Island Sound Study's three dimensional hydrodynamic model of Long Island Sound and conveying the information contained in and determined by the model in such a way that is easily understood by the general public, with copies of the video available to high schools, colleges, universities and other sound-related interest groups.

DEP-Environmental & Geographic Info. Center - Multiple Municipalities Affected: Statewide **\$5,467.50** **Education**

State Endangered Plant Fact Sheets for Coastal Connecticut

Design and production of twenty-five two-sided fact sheets for plant species listed as endangered, threatened or of special concern in Connecticut that occur within the coastal ecoregion of Connecticut which provide concise, technical and non-technical information including technical drawings of the plants.

Long Island Soundkeeper Fund, Inc. - Norwalk **\$25,000.00** **Education**

The Long Island Sound Kids' Coloring and Activity Book

Development and design of a 32 page coloring and activity book based on the theme of protecting and preserving Long Island Sound, providing an educational, problem-solving, and creative experience for children aged 6 to 12, and distributed to children and parents through the schools, through shops at children's museums and maritime centers, at waterfront public events, and on request through the Soundkeeper offices.

Maritime Aquarium at Norwalk, The - Norwalk **\$23,972.00** **Education**

Dr. LivingSound's Traveling Science Show

Development of a live science presentation on Long Island Sound to be performed by the Center's educators before school assemblies of 200 elementary and middle school students, including demonstrations and experiments tied together by a theatrical script that illuminates the scientific principles that explain how this ecosystem functions and the causes of its environmental problems.

Natural Guard, Inc., The - Multiple Municipalities Affected: Branford, Durham, Guilford, New Haven **\$20,000.00** **Education**

Tadpole Training Program

An environmental education project offering class-based and field studies in New Haven, Branford, Durham and Guilford, Connecticut to engage inner-city youth in hands-on exploration of four neighboring ecologies: upland forest, salt marsh, rocky intertidal and sub tidal zones.

Project Oceanology - Groton **\$19,950.00** **Education**

Learning About Long Island Sound at Home and on the Water

Development of a hands-on, educational program designed to give urban families in New London a greater understanding of the natural diversity and economic importance of Long Island Sound and the linkages between the Sound and their community, including planning and training for ongoing, family centered activities studying various aspects of Long Island Sound. The program is designed for students in the upper elementary and junior high schools.

SoundWaters, Inc. - Stamford **\$22,683.00** **Education**

Long Island Sound Interpretive Habitat Trail at Cove Island Park

Development of a permanent Long Island Sound Interpretive Habitat Trail at Cove Island Sound Park consisting of the placement of 15 interpretive signs along an existing mile long walking path, identifying adjacent habitats such as salt marsh, rocky intertidal, sandy beach, mud flat and the animals and plants associated such habitats; production of a companion educational pamphlet; and notification of schools, summer camps, Scout jamboree organizers and the general public about the educational opportunities at the habitat trail.

Westport Garden Club - Westport **\$736.75** **Education**

Gray's Creek Nature Identification Project

Placement of two interpretive signs to identify shorebirds such as herons, egrets and ducks which may be observed at Gray's Creek Park, Westport.

Trout Unlimited, Thames Valley Chapter - Montville **\$15,746.31** **Habitat Restoration**

Fishway on Trading Cove Brook

Installation of a fish passage facility on the Route 32 dam on Trading Cove Brook to provide for the passage of anadromous fish to reach otherwise inaccessible spawning and nursery habitat in Trading Brook Cove in the Town of Montville on the Thames River estuary, specifically for the restoration of alewives, herring and sea-run trout, and to increase the spawning and nursery area for other species in the Long Island Sound food chain.

Milford, City of - Milford **\$25,000.00** **Public Access**

City of Milford Municipal Fishing Pier/Promenade

Construction of a two hundred foot pier parallel to Gulf Beach for recreation and sport fishing use.

Norwalk Land Trust, Inc. - Norwalk **\$1,400.00** **Public Access**

Survey of Yost Street Wetlands

A survey of an approximate one acre parcel of tidal wetlands that borders Norwalk Harbor in order to enable its property owner to donate the property to the Norwalk Land Trust to be preserved in perpetuity as open space.

**Quinnipiac River Watershed Association - Multiple Municipalities Affected:
Cheshire, East Haven, Meriden, New Haven, Plainville, Southington, Wallingford** **\$7,200.00** **Public Access**

Canoeing the Quinnipiac

Purchase of six canoes and a trailer for use on educational and recreational group outings along the Quinnipiac River and New Haven Harbor, making the canoes available to the Quinnipiac River Watershed Association and municipal Parks & Recreation Departments, particularly New Haven.

Stratford, Town of - Stratford **\$19,500.00** **Public Access**

Bond's Dock Access Enhancement

Improvements to Bond's Dock including the addition of railings, picnic tables and benches; repairs to the existing dock including modifications to make the deck more handicapped accessible for fishing, boating and sightseeing; and to improve the overall accessibility of the site.

Connecticut College - Multiple Municipalities Affected: Statewide **\$20,728.00** **Research**

Ecological Evaluation of the Salt Marsh Restoration of 6 Sites in Connecticut

A study to document the changes in the vegetation of previously *Phragmites* dominated marshes that have had tidal flooding restored over a range of time periods to assist in the understanding of how best to arrest or eliminate *Phragmites* and favor *Spartina* dominated salt marshes along Connecticut's Long Island Sound shoreline.

Connecticut College - Multiple Municipalities Affected: Statewide

\$16,902.00

Research

Impact of Spread of Phragmites on Populations of Tidal Marsh Birds in Connecticut

A research project to survey bird populations in the breeding season at 40 sites along the Connecticut coast in order to compare the bird communities in sites that have been invaded with dense stands of *Phragmites* and sites where the dominant vegetation is *Spartina* and *Typha* with a subsequent multivariate analysis conducted to determine whether the percent cover of *Phragmites* is an important predictor of the abundance of particular species of marsh birds.

EnviroGraphics - Multiple Municipalities Affected: Connecticut River

\$25,000.00

Research

Evaluation of Geographic Distribution of Phragmites australis in the Connecticut River

A baseline study to characterize the extent distribution of *Phragmites* using aerial photography, geographic information systems and global positioning systems technology and delineate *Phragmites* stands through photo interpretation, and data converted to a GIS format.

Guilford Public Schools - Guilford

\$15,283.36

Research

LIS Water Quality Assessment Project: Pilot Region - Guilford Harbor

Assessment of the water quality of Long Island Sound by sixth grade students of Baldwin Middle School through hands-on water quality monitoring of three local watersheds, and including the seventh and eighth grade science students from Adams Middle School in the project by allowing them to analyze and interpret the collected data, including projections of changes that may take place in Long Island Sound.

Number of Projects: 20

LISF Amount Awarded for These Projects: \$576,862.92

Long Island Sound License Plate Projects

1996

Award Recipient - Municipality or Community Affected	Award Amount	Project Type
Darien Environmental Group - Darien <i>Water Conservation Booklet</i> A mailer distributed to every Darien resident with information on conservation measures and the link between residential water use and water quality in Long Island Sound.	\$4,150.00	Education
DEP-Bureau of Outdoor Recreation - Waterford <i>Harkness Memorial State Park - Shorebird Blind & Signage</i> Construction of a 3-sided shorebird blind to provide concealment for visitors to Harkness Memorial State Park and allow them to observe shorebirds as they rest and feed in the park's Goshen Cove salt marsh. The project also includes installation of educational signs to describe several common shorebirds found in the cove with specific information about their nesting, feeding and resting habits.	\$3,000.00	Education
DEP-Education & Publications - Multiple Municipalities Affected: Statewide <i>Wet & Wild on LIS (Teacher Workshops)</i> Workshops to provide educators with curriculum materials assisting in effectively teaching about Long Island Sound.	\$20,040.00	Education
DEP-LIS Resources Center/UConn - Multiple Municipalities Affected: Statewide <i>Geologic History Poster of Long Island Sound</i> A poster depicting the geologic history and an outline of the formation of Long Island Sound.	\$8,513.00	Education

DEP-Office of Long Island Sound Programs - Multiple Municipalities Affected: Statewide **\$4,895.00** **Education**

Brochure entitled "Living on the Shore: Rights & Responsibilities"

An educational brochure describing the unique role that coastal property owners play in protecting coastal resources and uses of Long Island Sound, focusing on why coastal land uses are regulated.

Seymour Public Schools - Seymour **\$13,377.84** **Education**

River Investigation Verified thru Educational Research (R.I.V.E.R.)

A project to promote public education and enhance a middle school curriculum by using students to create a public educational display structure for the Naugatuck River. Construction of a public information booth to display historic material, water-sampling data, and current river information gathered by students on an ongoing basis is a component of the project, as well as education of other students and adults in the community through a student-created traveling slide show, public presentations, and articles for publication on their efforts.

DEP-Bureau of Outdoor Recreation - Multiple Municipalities Affected: East Lyme, Madison, Westport **\$21,681.35** **Public Access**

Surf Chairs for Long Island Sound Parks

Purchase of specialized beach wheelchairs with wide wheels designed for traversing soft sand for public use at Hammonasset State Beach, Rocky Neck State Park, and Sherwood Island State Park to provide increased accessibility to the beach for mobility-impaired individuals. This project also includes funding for maintenance of the chairs for 3 years.

DEP-OLISP/Long Island Sound Councils - Multiple Municipalities Affected: Statewide **\$37,300.00** **Public Access**

Connecticut Coastal Public Access Guide

A full-color public access guide to the Connecticut shores of Long Island Sound and its principal tidal tributaries, offering a comprehensive description of the coastal recreation opportunities available to the general public along the state's coastline, presented in an attractive map format. The project also includes production and installation of public access signs identifying public access points.

East Lyme Public Trust Foundation - East Lyme

\$25,000.00

Public Access

Niantic Bay Overlook - Signage Component

Construction of a 6100-foot walkway with a fishing pier, benches, and educational signage describing marine life, industries, and families associated with the area along Niantic Bay designed by the Foundation to provide public access to Long Island Sound in an area which has been isolated due to the location of the railroad tracks. Project funding made contingent upon demonstration of a \$25,000 match.

New Haven Land Trust, Inc. - New Haven

\$10,000.00

Public Access

Long Wharf Nature Preserve Signage & Manual Phase II

Design and installation of educational signage, and design and production of an interpretive manual to educate visitors to the Long Wharf Nature Preserve about its ecology and history. Distribution of the manual at no cost to New Haven Public School teachers, libraries, City of New Haven park rangers and local schools and universities with graduate environmental programs is a component of the project, as well as a fold-out brochure produced for enhancing the hands-on field experience of those visiting the Preserve.

Stonington, Town of - Stonington

\$30,000.00

Public Access

Town Dock Improvements - Viewing & Fishing Platform & Interpretive Signs

Construction of a permanent platform at the end of the North pier for fishing and passive recreation and to increase access to Stonington Harbor and Long Island Sound, and installation of permanent signs depicting the town dock's history and its utilization in support of the town fishing fleet to educate the public and increase public awareness of fishing and shellfish harvesting practices in Connecticut.

Connecticut College - Multiple Municipalities Affected: Connecticut River (Lower Valley)

\$24,074.00

Research

Phragmites australis the Tidelands of the Lower Connecticut River

A study to evaluate the success of *Phragmites* control efforts within the brackish tidelands of the lower Connecticut River and the possible impact on the structures and functioning of these tidal wetland communities.

Number of Projects: 12

LISF Amount Awarded for These Projects: \$202,031.19

Long Island Sound License Plate Projects

1997

Award Recipient - Municipality or Community Affected	Award Amount	Project Type
DEP-Technical Publications - Multiple Municipalities Affected: Statewide <i>Printing of "The River Book"</i> A printing subsidy for the publication, The River Book, allowing schools to acquire this exciting text at below its cost.	\$25,000.00	Education
Maritime Aquarium at Norwalk, The - Norwalk <i>Everyone Lives in a Watershed</i> An interactive computer program hosted by the Aquarium's two river otters informing the public on the complex nature of the Sound's watershed and how individuals can protect the Sound's resources.	\$24,843.00	Education
Project Oceanology - Groton <i>Investigative Activities in Marine Science</i> An educational CD ROM on investigative science techniques for exploring the Sound's marine environment.	\$16,515.00	Education
Stonington Garden Club - Stonington <i>What's Up Outside?</i> A teacher handbook and hands-on natural science curriculum guide for the state's 3rd graders on the four habitat areas: field, forest, fresh water & salt water.	\$23,899.00	Education

Connecticut River Estuary Regional Planning Agency - Old Lyme **\$4,365.00** **Public Access**

Old Lyme Canoe & Sea Kayak Trails

An in-water trail with corresponding sign and laminated trail guide for canoeists and kayakers on the lower Connecticut River, starting at the State's Great Island Boat Launch in Old Lyme.

East Lyme, Town of - East Lyme **\$15,489.62** **Public Access**

Niantic River Waterfront Park - Phase II

Landscaping, signage, and benches to open an existing town waterfront property to the public.

Ledyard, Town of - Ledyard **\$3,488.75** **Public Access**

Wayside Exhibit Sign at Poquetanuck Cove

An interpretive sign at the town's planned canoe launch (funded by an earlier LISF grant) describing the cove's ecology.

Nature Conservancy, The - Multiple Municipalities Affected: Deep River, Middletown **\$25,000.00** **Public Access**

Protection of Pratt Cove, Deep River

Acquisition of 6.18 acres of upland and freshwater tidal wetlands on Pratt Cove, an important area of the lower Connecticut River in Deep River. Protection of this parcel is deemed to be critical to the long-term conservation of Pratt Cove and its associated 140 acre high quality freshwater tidal marsh.

New London, City of - New London **\$12,060.00** **Public Access**

City Pier Public Access Enhancements & Interpretive Signage

A series of colorful and informative signs at City Pier describing the history, natural resources, and significant sites of New London Harbor.

UConn-Avery Point - Groton

\$24,000.00

Public Access

Thames River Estuary Overlook Platform & Signage

A public access deck overlooking Long Island Sound and the mouth of the Thames River with signs describing the estuary's natural resources and significant sights.

Fairfield University - Fairfield

\$5,755.10

Research

Population Study of Diamondback Terrapins in Nell's Island Marsh

A study to determine population and nesting characteristics of Diamondback Terrapins, an important estuarine species of turtle in the state.

University of New Haven - Multiple Municipalities Affected: Statewide

\$24,899.00

Research

An Assessment of Imaging Technologies for Mapping Shallow Water Habitats Along the Connecticut Coast

A study to evaluate the merits of three technical imaging techniques to determine shallow water coastal habitats for the purpose of finding the most economical and effective way to establish the populations and distribution of marine fisheries species along the state's coast.

Yale University - Multiple Municipalities Affected: Connecticut River

\$24,293.00

Research

The Impact of Phragmites australis on Plant Community and Nutrient Dynamics in the Connecticut River Tidal Marsh Ecosystem

Investigation of the processes used by *Phragmites australis*, or Common Reed, to invade and dominate tidal marshes in Connecticut, specifically exploring the relationship between nutrient cycling within the marsh and competitive plant dominance. Information collected by the researchers may be used to assist resource managers in effectively managing coastal resources to ensure necessary plant diversity.

Number of Projects: 13

LISF Amount Awarded for These Projects: \$229,607.47

Long Island Sound License Plate Projects

1998

Award Recipient - Municipality or Community Affected	Award Amount	Project Type
Connecticut Audubon Coastal Center - Milford <i>Outdoor Display and Information Plaques on the Piping Plover and Least Tern</i> Construction and installation of two fiberglass interpretive signs attached to an existing viewing platform to provide information on piping plovers and least terns and their habitats.	\$3,805.10	Education
Connecticut College Arboretum - Multiple Municipalities Affected: Connecticut River (Lower Valley) <i>"Living Resources and Habitats of the Lower Connecticut River"</i> A colorful bulletin describing the critical aquatic habitats and the living resources of the lower Connecticut River.	\$25,000.00	Education
DEP-Bureau of Outdoor Recreation, Boating Division - Old Lyme <i>Expansion of Educational Facilities at DEP Marine Headquarters (Gazebo)</i> Expansion of educational facilities including the installation of an outdoor gazebo to be used as an outdoor classroom at the DEP Marine Headquarters site on the lower Connecticut River.	\$11,574.19	Education
DEP-Bureau of Outdoor Recreation, Law Enforcement - Multiple Municipalities Affected: Statewide <i>Long Island Sound "Turn in Poachers" Trailer</i> A traveling 16-foot box-type trailer displaying mounted fish, birds, crustaceans and other organisms which live in Long Island Sound, providing information about these species.	\$25,000.00	Education

Maritime Aquarium at Norwalk, The - Norwalk

\$24,050.00

Education

Dr. LivingSound's Guide to Life on the Sound

A video with students from the Aquarium's Sound Science program for inner-city schools providing information about Long Island Sound conservation and wildlife etiquette to prepare school groups for their visit to the Aquarium.

Mystic Fire District - Stonington

\$11,575.00

Education

Wayside Exhibit Signs at Mystic River Park

Two fiberglass signs entitled "Mystic River Fish Life" and "Mystic River Estuary" to provide an educational component to the existing riverfront park.

New London Board of Education - New London

\$14,639.99

Education

Students Making Sound Decisions

An educational curriculum for the students of Bennie Dover Jackson Middle School about waterfront planning in their city, and the impact of their individual actions on the environment.

Norwalk, City of - Norwalk

\$11,963.62

Education

Mill Pond Waterfront Access Project

Enhancement of an existing town-owned park along the restored Norwalk Mill Pond, including landscaping, fencing, and installation of three interpretive signs educating the public about the history and biological and habitat significance of the Mill Pond.

Sea Research Foundation, Inc./Mystic Aquarium - Stonington

\$20,000.00

Education

Exploring Coastal Habitats - Coastal Ecosystem Display

Construction of two traveling displays depicting the coastal ecosystems of tidal wetlands and coral reefs, three educational pamphlets on coastal ecosystems and the creation of a web site including an electronic field guide and sampling program.

UConn-State Archaeologist - Multiple Municipalities Affected: Statewide

\$20,165.16

Education

Protecting Connecticut's Maritime Archaeological Heritage

A comprehensive education program including a Connecticut Maritime Heritage web site, educational brochure, Archaeological Awareness Week poster and a traveling educational exhibit.

Connecticut River Estuary Regional Planning Agency - Essex

\$5,070.07

Public Access

Connecticut River Estuary Canoe & Sea Kayak Trails, Essex

An in-water trail with corresponding sign and laminated trail guide for canoeists and kayakers on the lower Connecticut River, starting at the Essex Town Park, and exploring North, Middle and South Coves in Essex.

Groton, Town of - Groton

\$25,000.00

Public Access

Poquonnock River Access Enhancement

Public access improvements at two sites along the Poquonnock River, extending and connecting the Poquonnock River Walk to Bluff Point State Coastal Preserve and a municipal park, including construction of a recreation area with pathway and benches as well as parking.

New Haven Land Trust, Inc. - New Haven

\$25,000.00

Public Access

Quinnipiac Meadows Land Acquisition

Acquisition of a 16.8 acre parcel of Quinnipiac Meadows property adjacent to existing Land Trust property, improving waterfront access to the Quinnipiac River for canoeists and kayakers as well as be preserved as open space for wildlife.

New London, City of - New London

\$25,000.00

Public Access

Ocean Beach Park - Alewife Cove Nature Walk

Construction of a 400 linear foot handicapped accessible pedestrian nature walk, extended boardwalk and platform, new landscaping, benches and interpretive signage at Ocean Beach Park along Alewife Cove.

Branford Land Trust, Inc. - Branford **\$16,417.81** **Research**

Sybil Creek Restoration

A study to provide baseline data and preliminary habitat assessment of the Sybil Creek marsh system prior to restoration activities, and a follow-up presentation of the information to area residents and other interest groups.

Save the Sound, Inc. - Multiple Municipalities Affected: Guilford, Stamford, Westport **\$20,088.00** **Research**

Impact of Nutrients in Three Long Island Sound Harbors.

A water quality testing program in Cos Cob, Stamford and Guilford Harbors.

UConn - Multiple Municipalities Affected: Statewide **\$25,000.00** **Research**

Development of an Estuary Watch Program and Use of Fundulus heteroclitus as a Biomarker of Estuarine Health.

Development of an estuary watch program involving high school students to evaluate the health of Connecticut estuaries, using mummichogs as an indicator species.

Yale University - Multiple Municipalities Affected: Connecticut River **\$23,000.00** **Research**

Genetic Structuring of Phragmites australis in the Tidelands of the Connecticut River.

A study of the genetic structure of common reed, comparing historic samples with modern day samples to determine whether or not there is a genetic variance between the two, and ultimately providing valuable information which may be used in designing tidal wetland restoration projects.

Number of Projects: 18

LISF Amount Awarded for These Projects: \$332,348.94

Long Island Sound License Plate Projects

1999

Award Recipient - Municipality or Community Affected	Award Amount	Project Type
Long Island Soundkeeper Fund, Inc. - Multiple Municipalities Affected: Western Long Island Sound <i>Long Island Sound Clean Boating Campaign</i> A Clean Boating Campaign promoted through published materials distributed through the on-the-water direct pump-out program, direct mail, the world wide web, and through a high-visibility wooden boat tour to groups around Connecticut, intended to put in the hands of boaters, all the information they need to have in order to help preserve and protect the Sound while using their boat.	\$25,000.00	Education
New Haven Land Trust, Inc. - New Haven <i>Lunch at Long Wharf</i> Creation of a guided walks program targeting area businesses to encourage the use of Long Wharf Preserve and to promote urban environmental awareness.	\$5,000.00	Education
Save the Sound, Inc. - Greenwich <i>Mianus River Adopt-a-Watershed</i> A water quality monitoring program of the Mianus River involving students from Greenwich High School.	\$10,125.00	Education
SoundWaters, Inc. - Stamford <i>SoundWaters' Environmental Learning Lab</i> Creation of a new environmental learning laboratory in the renovated historic Holly-Sanford House at Cove Island Park.	\$24,974.00	Education

UConn-Dept. of Geology & Geophysics - Multiple Municipalities Affected: Statewide **\$1,557.60** **Education**

Connecticut's Coastal Features - A Website

Development of 15-20 Web Pages devoted to outstanding features of Connecticut's shoreline geology, with an anticipation that the format developed will form the basis for a permanent digital archive of Connecticut's Natural History Sites.

Upper Room Unlimited, Inc. - New Haven **\$12,450.00** **Education**

This is Where I Live, Don't Dump on Me

Creation of an environmental awareness program and environmental play focusing on water pollution and awareness for inner-city students.

Old Saybrook Land Trust, The - Old Saybrook **\$5,126.72** **Habitat Restoration**

Chalker Mill Pond Fishway Construction

Construction of a fishway to allow migrating alewives and blueback herring to access spawning habitat in Chalker Mill Pond above the Chalker Mill Pond dam. The project exemplifies a successful 3-way partnership between the Old Saybrook Land Trust (grant recipient), the Town of Old Saybrook (dam owner), and the DEP Fisheries Division (technical assistance) on the construction and long-term operation and maintenance of the fishway.

Potapaug Audubon Society, Inc. - Old Lyme **\$1,918.60** **Habitat Restoration**

Osprey Nesting Platforms at Great Island Wildlife Management Area

Removal of 25 deteriorated osprey platforms and construction of 25 new state-of-the art platforms and perch poles with predator baffles.

Westbrook, Town of - Westbrook **\$6,782.68** **Habitat Restoration**

Mulvey Riverfront Enhancement & Educational Planting Project

A restoration project to control invasive plants on the upland slope of a marsh and stabilize and restore the slope by removing invasive plants, planting native species of grasses, shrubs and trees along the Patchogue River to enhance wildlife habitat. Installation of an educational sign describing the flora located on site provided by a grant from the U.S. Fish and Wildlife Service serves as a matching component of the project.

Chester Land Trust, Inc. - Chester **\$5,000.00** **Public Access**

Carini Preserve Restoration Project

Construction of a canoe/kayak launching and picnic area, planting of native vegetation and installation of educational signs at the Carini Preserve.

Clinton, Town of - Clinton **\$20,030.55** **Public Access**

The Coastal Nature Walk and Viewing Pavilion on Clinton Harbor

Construction of a public access viewing/bird watching pavilion and installation of educational signs at the Clinton Town Beach.

DEP-Bureau of Outdoor Recreation, Parks Division - Westport **\$3,756.46** **Public Access**

Dune Restoration and Enhancement of Public Access at Sherwood Island State Park

Construction of 120 linear feet of timber handicapped accessible beach boardwalks and ramp, and installation of snow fencing to protect dune habitat.

Fort Nathan Hale Restoration Projects, Inc. - New Haven **\$2,600.00** **Public Access**

Footpath to Harbor at Black Rock Fort

Construction of an additional 100 feet of new handicapped accessible footpath enhancing physical and visual access to New Haven Harbor and the historic Black Rock Fort.

Haddam, Town of - Haddam **\$25,000.00** **Public Access**

Connecticut River Overlook

Construction of the Connecticut River Overlook to provide easy access to a view of the Connecticut River, many species of birds and wildlife including: river otters, bald eagles, cormorants, mergansers, osprey, hawks and pied billed grebes; and installation of environmental interpretive signage explaining the uniqueness of the lower Connecticut River and the wildlife it supports with a detailed look at the bald eagle.

Manomet, Inc. - Multiple Municipalities Affected: Statewide

\$25,000.00

Research

Assessment of Critical Migratory Shorebird Habitats along Connecticut's Coast

Identification and mapping of critical migratory habitats for shorebirds on the Connecticut coast, evaluation of use and status of shorebird habitats, and establishment of a citizen monitoring network.

Massachusetts Audubon Society - Multiple Municipalities Affected: Statewide

\$11,680.00

Research

Anthropogenic Effects on the Distribution and Abundance of Breeding Salt Marsh Birds in Long Island Sound and New England

A 2-year regional survey of salt marsh breeding birds in Connecticut, consists of part of a larger effort to census salt marsh birds from Connecticut to Maine, and considered of highest priority by the New England section of Partner's in Flight. The study includes an assessment of the effects of human disturbance and salt marsh vegetation and size on the distribution and abundance of all breeding bird species, and establishment of a long-term monitoring program to detect possible trends in bird populations.

Science Center of Connecticut, Inc. - Multiple Municipalities Affected: Connecticut River

\$17,679.08

Research

Amphibians and Reptiles in Connecticut River Phragmites and non-Phragmites Habitats with Guidelines for Restoration

Study of diversity, abundance and health of amphibian and reptiles in *Phragmites* and non-*Phragmites* habitats in freshwater tidal marshes on the Connecticut River to assess the impacts of *Phragmites* invasion on herpetofaunal communities and make recommendations concerning marsh restoration goals for amphibians and reptiles around Long Island Sound.

UConn-Dept. of Ecology & Evolutionary Biology - Multiple Municipalities Affected: Statewide

\$24,837.50

Research

*Impacts of Development on Connecticut's Coastal Resources: A Case Study of *Eriocaulon parkeri*, a State Threatened Species.*

A study to examine the ecological requirements of Parker's Pipewort to define and map its critical habitat and evaluate impacts resulting from recreational dock construction.

University of New Haven - Multiple Municipalities Affected: Housatonic River Valley

\$24,537.86

Research

Habitat Utilization by Fish and Invertebrates in Phragmites and Spartina Marshes on the Housatonic River

A research project to quantify utilization of *Phragmites* and *Spartina alterniflora* dominated marsh habitat by fish and invertebrate species on the lower Housatonic River, and to test the hypothesis that decreased flooding and a smaller number of tidal creeks within a *Phragmites* monoculture reduces habitat quality and affects feeding habits of nekton species. A component of the study is cataloging distribution of habitat type, as defined by flooding, vegetation, and abundance of creeks, in a GIS database for use as a management and education tool for the lower Housatonic River Estuary.

Yale University - Multiple Municipalities Affected: Connecticut River (Lower Valley)

\$16,354.40

Research

Impacts of Docks on Submerged Aquatic Vegetation

A study to evaluate the impacts of docks, moorings and boating activity on submerged aquatic vegetation of the lower tidal Connecticut River.

Number of Projects: 20

LISF Amount Awarded for These Projects: \$269,410.45

Long Island Sound License Plate Projects

2000

Award Recipient - Municipality or Community Affected	Award Amount	Project Type
Connecticut Ornithological Association, Inc. - Fairfield <i>Brochure: Guide to the Ethics of Wildlife Watching</i> Development of an educational brochure and distribution boxes designed to teach the public about sensitive wildlife and plants, and how to observe and enjoy these resources without disturbing the environment or its inhabitants.	\$3,461.75	Education
DEP-Environmental & Geographic Info. Center - Hartford <i>Reprinting of the "Long Island Sound Estuary" Poster</i> Reprinting of a popular educational poster depicting the estuary of Long Island Sound for use in schools and other educational facilities.	\$2,188.00	Education
DEP-Environmental & Geographic Info. Center - Hartford <i>Stories Carved in Stone: Land Links to the Sound - The Coastal Basins</i> A one-week teacher training institute and resource guide including field exercises for middle school earth science teachers on the development and geology of Long Island Sound and the coastal drainage basins.	\$4,078.29	Education
Housatonic Valley Association, Inc. - Cornwall <i>Teacher Resource Guide to Environmental Education Programs</i> A teacher resource guide and web site to environmental education programs in Connecticut focusing on the Housatonic River watershed.	\$22,120.00	Education

Killingworth, Town of - Water Poll. Control Auth. - Killingworth **\$2,568.45** **Education**

Public Education Pertaining to Septic System Maintenance, Groundwater Contamination and NPSP

An educational outreach campaign and resource center for Killingworth residents and business owners to inform the public about the importance of upgrading and maintaining septic systems.

Shelton Board of Education - Shelton **\$4,098.00** **Education**

Sound Connections

A non-point source pollution program for 4th graders from two schools in Shelton.

Solar Youth, Inc. - New Haven **\$25,000.00** **Education**

Sound Connections

An education and outreach campaign for urban students to promote the prevention of litter in Long Island Sound and its tributaries.

SoundWaters, Inc. - Stamford **\$25,000.00** **Education**

Community-Based Public Programs at Cove Island Park

Creation of 100 year-round environmental education activities about Long Island Sound at the Environmental Learning Lab at Cove Island Park in Stamford.

Juliana Barrett - Groton **\$10,420.80** **Habitat Restoration**

Bluff Point Vegetation and State-listed Species Management Plan

To conduct a survey of the natural resources, creates an inventory of site resources and their condition, and develop a prioritized list of conservation and preservation measures, in order to preserve and restore the natural habitats of the Bluff Point Coastal Reserve in Groton, CT.

New Haven Land Trust, Inc. - New Haven

\$21,000.00

**Habitat
Restoration**

Pond Lily Fishway

Construction of a fishway over the Pond Lily Dam on the West River to restore anadromous fish passage and construction of a public viewing platform and interpretive signs.

Connecticut River Estuary Regional Planning Agency - Deep River

\$9,167.36

Public Access

Connecticut River Estuary Canoe/Kayak Trail and Greenway Connection

Production of a 3-fold laminated trail guide and installation of signage at three sites in Deep River for an in-water trail in the Lower Connecticut River for canoeists and kayakers.

DEP-Bureau of Outdoor Recreation, Parks Division - Cromwell

\$7,666.15

Public Access

Connecticut River Highlands Access Project

Construction of a parking area, canoe camping area, an interpretive nature trail, benches and information board along the Connecticut River.

Guilford Land Conservation Trust, Inc. - Guilford

\$27,500.00

Public Access

Tidal River Land Acquisition

Purchase of an 11.5 acre parcel with wetlands abutting the West River and Spencer's Creek in Guilford for open space, wetland preservation and public access.

**Middlesex County Soil & Water Cons. District, Inc. - Multiple Municipalities
Affected: Cromwell, Middletown**

\$5,856.00

Public Access

Mattabeset River On-River Trail and Guide

Production of a 3-fold laminated trail guide for the lower Mattabeset River, including installation of signage, a trail guide distribution box and sign-in book in Cromwell.

Mystic Fire District - Stonington **\$25,000.00** **Public Access**

Public Access & Educational Improvements to Mystic River Park

Construction of public restrooms and corresponding educational signs to identify the impact of nitrogen on estuarine ecosystems at Mystic River Park.

National Audubon Society - Guilford **\$10,896.00** **Public Access**

NAS Guilford Salt Meadows Interpretive Trail

Creation of an interpretive nature trail with informational signs, a kiosk and trail brochure at the Guilford Salt Meadows Sanctuary.

Sail Connecticut Access Program, Inc. - Westbrook **\$25,000.00** **Public Access**

Purchase of a Specially Adapted "Independence 20" Sailboat for a Disabled Sailing Program

Purchase of an adapted sailboat and associated equipment for use, and extension of a publicly accessible disabled persons sailing program.

South Western Regional Planning Agency - Norwalk **\$6,596.50** **Public Access**

Norwalk Islands Canoe/Kayak Trail

Production of a 3-fold laminated trail guide for the Norwalk Islands including installation of signage at Calf Pasture Beach.

Stonington, Town of - Stonington **\$25,000.00** **Public Access**

Town Dock Public Access Pier Phase 2

Expansion of a public access fishing and viewing platform at Stonington Town Dock including a handicapped accessible ramp and installation of signs and benches at Fisherman's Memorial Park.

Maritime Aquarium at Norwalk, The - Norwalk **\$20,571.00** **Research**

Identification and Characterization of Harbor Seal (Phoca vitulina) Haul-Out Sites in the Norwalk Islands

A study to identify and characterize critical land based seal habitats available to harbor seals in the areas surrounding the Norwalk Islands.

Yale University, Dept. of Geology and Geophysics - Milford

\$20,932.70

Research

An Investigation of the Benthos at Milford Point and its Relationship to Migratory Shorebird Foraging Activities

A detailed sampling study of benthic organisms at Milford Point and their relationship to foraging migratory shorebirds.

Yale University, Forestry & Environmental Studies - New Haven

\$5,206.00

Research

West River Fish Ladder Feasibility Study

A study of anadromous fish usage of the West River in New Haven to provide baseline data prior to the construction of a fishway over Pond Lily Dam.

Number of Projects: 22

LISF Amount Awarded for These Projects: \$309,327.00

Long Island Sound License Plate Projects

2001

Award Recipient - Municipality or Community Affected	Award Amount	Project Type
Children's Museum of Southeastern CT - East Lyme <i>Long Island Sound Preservation Exhibit and Programs</i> Purchase and installation of a 50 gallon marine touch tank in the Children's Museum of Southeastern Connecticut to expand educational programs about Long Island Sound and its resources.	\$8,001.00	Education
Connecticut Public Broadcasting, Inc. (WNPR) - Multiple Municipalities Affected: Statewide <i>A Living Sound</i> A five-part environmental investigative reporting program conducted by students in conjunction with local environmental education organizations, focused on Long Island Sound and aired on Connecticut Public Radio and on the WNPR web site.	\$25,000.00	Education
Connecticut River Estuary Regional Planning Agency - Multiple Municipalities Affected: Connecticut River (Lower Valley) <i>Using Conservation Easements: What you Really Need to Know</i> An easement management program including educational materials, inventories, maps and the status of existing conservation easements for local land use commissions, non-profit organizations and property owners.	\$10,000.00	Education
Council of Govts. of the Central Naugatuck Valley - Multiple Municipalities Affected: Beacon Falls, Naugatuck, Thomaston, Waterbury, Watertown <i>Central Naugatuck Valley Regional Naugatuck River Greenway-Signs and Brochures</i> Installation of twelve educational signs at sites along the Naugatuck River and an accompanying educational brochure containing information about the Naugatuck River and its impact on Long Island Sound and its resources.	\$13,777.08	Education

DEP-Bureau of Outdoor Recreation, Boating Division - Multiple Municipalities **\$20,000.00** **Education**
Affected: Statewide

Clean Boating in Connecticut - Action Guide for Boaters

A multi-color guidebook with easy to follow pollution prevention guidelines that encourage boaters to play an active role in protecting Long Island Sound as part of Connecticut's new "Clean Marina" program.

Institute for Educational Innovation - New Haven **\$9,305.00** **Education**

Our Neighborhood Waters; Exploring the Rivers and Harbor in Fair Haven

Creation of an urban youth environmental stewardship program involving students from eleven New Haven schools and creation of a bilingual river guide promoting water safety, river ecology and Fair Haven history.

Branford, Town of - Branford **\$12,756.00** **Public Access**

Northbound Pulloff - Branford River Gateway

Construction of a parking lot, landscaped viewing area and boardwalk on the east side of Montowese Street (Rte. 146) on the Branford River.

Connecticut River Estuary Regional Planning Agency - Old Saybrook **\$6,184.00** **Public Access**

Connecticut River Estuary Canoe/Kayak Trail

Creation of an in-water canoe and kayak trail, waterproof trail guide and interpretive signs in North and South Coves in Old Saybrook.

East Lyme, Town of - East Lyme **\$25,000.00** **Public Access**

Cartop Boat Dock-Cini Park

Construction of a car-top boat dock and interpretive canoe and kayak trail sign providing launching access to the Niantic River for hand-carry boats.

Groton, City of - Groton **\$25,000.00** **Public Access**

Birch Plain Creek

Construction of a bituminous access drive, parking area, walking trails, and two wildlife blinds on an 11.4 acre site off of Thomas Road adjacent to Birch Plain Creek.

Groton, Town of - Groton **\$25,000.00** **Public Access**

Esker Point Waterfront Park

Construction of a waterfront park adjacent to Palmer Cove consisting of a pedestrian walkway, landscaping, grills, picnic tables, benches and a boat launch ramp for canoes and kayaks.

Milford, City of - Milford **\$19,400.00** **Public Access**

Improvements to Wilcox Park

Creation of a handicapped accessible walkway and trail map through a wooded portion of Wilcox Park, leading to a scenic overlook platform providing views of Milford Harbor, and installation of plantings enhancing wildlife habitat.

New Haven Land Trust, Inc. - New Haven **\$4,000.00** **Public Access**

Long Wharf Nature Preserve Loop Trail and Footbridge

Creation of a walking trail and footbridge providing expanded access to the waterfront at New Haven's Long Wharf Nature Preserve.

New Haven Parks Recreation and Trees - New Haven **\$11,732.00** **Public Access**

Expansion of Canoe New Haven Program

Purchase of canoes, a canoe trailer, paddles, life jackets and printing of a river guide, providing for expansion of the Canoe New Haven public recreation and education program.

Old Lyme, Town of - Old Lyme **\$25,000.00** **Public Access**

Ferry Road Dinghy Dock and Small Craft Landing

Construction of a transient dinghy dock, picnic tables, benches and educational signs at the southern end of Ferry Road.

Coast & Harbor Institute, The - Multiple Municipalities Affected: East Lyme, Groton, Norwich, Stratford, Waterford **\$24,050.00** **Research**

Oxygen Depletion in Connecticut Estuarine Waters

A research study to provide information about oxygen depletion and ventilation of hydrogen sulfide from tidally influenced ponds and tidal rivers in Connecticut.

Connecticut College - Stonington **\$19,157.00** **Research**

Establishment of Sedimentation-Erosion Table Monitoring Station at Wequetequock-Pawcatuck Marshes

A research and monitoring study to measure the changes in tidal marsh surface elevation in relation to sea level rise, subsidence and sedimentation to assist in future tidal wetland restoration projects.

Connecticut River Estuary Regional Planning Agency - Multiple Municipalities Affected: Connecticut River (Lower Valley) **\$12,500.00** **Research**

Investigation of Potential Impact of New Dock Construction on the Lower Connecticut River.

A research study to evaluate the potential cumulative and secondary impacts of new dock construction on the lower Connecticut River.

Number of Projects: 18

LISF Amount Awarded for These Projects: \$295,862.08

Long Island Sound License Plate Projects

2002

Award Recipient - Municipality or Community Affected	Award Amount	Project Type
Fort Saybrook Monument Park Assoc., Inc. - Old Saybrook <i>Saybrook Point Riverfront Revitalization: Public Awareness of Natural and Cultural Heritage</i> Creation and installation of educational interpretive signs about the natural and cultural history of Old Saybrook's coast.	\$10,246.50	Education
Historical Perspectives, Inc. - East Haddam, Old Saybrook <i>State Archaeological Preserves: Underwater Resources</i> Establishment of two underwater State Archaeological Preserves for the "Aunt Polly" in East Haddam and "Lightship 51" at Cornfield Point and creation of educational brochures about these historical Connecticut shipwrecks.	\$25,000.00	Education
Housatonic Valley Association <i>Sound Science: A Hands-On Educational Activity Guide</i> Creation of printed and web versions of a new hands-on river related activity guide distributed to Connecticut teachers.	\$17,200.00	Education
New Haven Land Trust, Inc. - New Haven <i>River Walks at Quinnipiac Meadows</i> A series of guided public walks at the Quinnipiac Meadows Preserve led by wildlife, plant and natural history experts.	\$5,000.00	Education

Norwalk, City of - Norwalk **\$19,771.00** **Education**

Telling the Story: An Interpretive History of Calf Pasture Beach

Creation and installation of interpretive educational signs about the Norwalk coast and islands along a walking trail at Calf Pasture Beach and a corresponding brochure and trail map.

Project Oceanology, Interdistrict Committee for - Groton **\$20,000.00** **Education**

Citizen Water Quality Monitoring Resource Center

Creation of a physical and virtual resource center for water quality monitoring groups.

Schooner, Inc. - New Haven **\$13,044.70** **Education**

Connecting Generations to Long Island Sound

Creation of a Long Island Sound educational curriculum at an existing urban intergenerational after-school program for Hispanic youth.

Stonington, Town of, Mystic Harbor Mgt. Commission - Stonington **\$294.25** **Education**

No Discharge Signs - Mystic River Estuary

Installation of "no discharge" signs at the Morgan Point Light beacon marker at the entrance to the Mystic River encouraging boaters to use available pumpout facilities.

Windsor, Town of/NW Park & Nature Ctr. - Windsor **\$6,805.00** **Education**

Long Island Sound Ecosystem Tank and Education Programs

Installation of a Long Island Sound Ecosystem Tank and creation of new educational programs about Long Island Sound and its inhabitants at a popular inland nature center.

Nature Conservancy, The - East Lyme, Groton **\$15,350.25** **Habitat
Restoration**

Habitat Restoration and Invasive Plant Control for Bluff Point Natural Area and Pattagansett Marsh

Removal of invasive plant species to protect existing rare plant species and creation of an educational brochure about the project.

Old Saybrook Land Trust, Inc. - Old Saybrook

\$24,500.00

**Habitat
Restoration**

Fishing Brook Fishway

Construction of a fishway and adjacent eelpass at the Ingham Hill Pond Dam on Fishing Brook to restore anadromous fish and American eel passage to important upstream spawning areas.

Quinnipiac River Watershed Association -

\$4,427.00

**Habitat
Restoration**

Quinnipiac River Osprey Restoration

Installation of an osprey platform and perch pole in the Quinnipiac River Marsh involving youth volunteers, and creation of a waterproof guide about restoration of osprey populations.

Ledyard, Town of - Ledyard

\$20,300.00

Public Access

Erickson Waterfront Park

Creation of a new waterfront park adjacent to Mill Cove consisting of removal of dilapidated buildings and invasive plants, restoration of native vegetation, construction of walking trails and installation of new interpretive educational signs and benches

Schooner, Inc. - New Haven

\$8,720.00

Public Access

Creating Accessibility on the Schooner "Quinnipiack"

Installation of specialized equipment to enable disabled individuals to safely access the Schooner Quinnipiack.

Connecticut College - Lower CT River tidal marshes

\$21,083.00

Research

Restoration Ecology of the Lower Connecticut River Tidelands: Impacts of Restoration Methodologies on Vegetation, Macroinvertebrates and Fish

A research study to evaluate the results of efforts to restore tidal wetlands invaded by *Phragmites australis*.

Fordham University - Connecticut tidal marshes Fairfield to Stonington **\$15,012.01** **Research**

Abundance and Breeding Success of American Black Ducks, Rails and Other Waterbirds in Relation to Vegetation Cover and Invertebrates

A research study to evaluate factors important to bird abundance, species richness, and breeding success in Long Island Sound tidal marshes.

Sacred Heart University, Incorporated - Milford **\$19,727.50** **Research**

Population Ecology and Conservation of the Long Island Sound Horseshoe Crab (limulus polyphemus)

A research and monitoring study of the population dynamics of horseshoe crabs in Long Island Sound through the use of sonar tagging.

UConn - Statewide **\$24,635.00** **Research**

Effects of Artificial Lighting on Beach-Nesting Waterbirds: Integrating Experimental and Observational Studies

A research study to determine the effects of artificial lighting on beach-nesting birds including piping plover and least terns.

UConn - Statewide **\$24,417.88** **Research**

Saltmarsh Breeding Sparrows in Long Island Sound Marshes: Testing the Status of Globally Important Populations

A two-year survey to document population sized of saltmarsh sharptailed and seaside sparrows to quantify the global importance of Long Island Sound tidal marsh habitats for these projects.

UConn - Haddam **\$24,574.57** **Research**

Rain Garden Pollutant Removal Efficiency

Installation and monitoring of a rain garden at the Cooperative Extension building to test the effectiveness of a rain garden to remove pollutants from rainwater, with a focus on nitrogen removal.

Yale University - Quinnipiac & Naugatuck Rivers

\$24,975.00

Research

Isotopic Nitrogen and Oxygen Ratios in Nitrates Delivered to Long Island Sound

A research study to test the utility of using isotopic signatures for identifying sources of nitrate to Long Island Sound in the Quinnipiac and Naugatuck River watersheds.

Number of Projects: 21

LISF Amount Awarded for These Projects: \$345,083.66

Long Island Sound License Plate Projects

2003

Award Recipient - Municipality or Community Affected	Award Amount	Project Type
Connecticut River Museum - Essex <i>Summer on the Connecticut River, Workshops for Children</i> Three one-week on-the-water workshops to educate students about conservation and protection of the Connecticut River and Long Island Sound	\$5,000.00	Education
Connecticut River Watershed Council - Lower Connecticut River Valley <i>The Connecticut River Forum Report</i> Publication of the River Roundtable findings identifying recommendations for how citizens can help to preserve and protect the unique character and environmental integrity of the Lower Connecticut River	\$15,370.00	Education
New Canaan Nature Center Assoc., Inc. - New Canaan, Bridgeport, Norwalk, Stamford <i>Scouting Out the Sound</i> Creation of a new Girl Scout and Brownie badge program focusing on Long Island Sound and protection of its resources and habitats	\$4,998.23	Education
Raber Associates - Coastal Southeastern Connecticut <i>Marine Railways of Southeast Connecticut: Historical Survey and Inventory</i> Creation and publication of a historical survey and inventory of remaining marine railways in Southeast Connecticut and evaluation of potential eligibility for State or National registers of historic places	\$23,718.58	Education

Sea Research Foundation, Inc./Mystic Aquarium - Statewide **\$19,974.00** **Education**

Protecting Long Island Sound's Marine Mammals and Sea Turtles

Creation and distribution of a "Marine Animal Response Guide" and workshops to educate municipalities, law enforcement agencies, educators and the general public about the proper response when a stranded marine animal is sighted

Somers Board of Education - Somers **\$14,750.00** **Education**

GULF (Global Understanding of Limnology Fundamentals)

Development and implementation of a watershed study and hands-on environmental education curriculum focused on the Scantic River and Gulf Stream in Somers, and how environmental conditions in these waterbodies and the Connecticut River impact Long Island Sound

Branford Land Trust, Inc. - Branford **\$25,000.00** **Habitat Restoration**

Branford Fishway

Construction of a fishway at Queach Brook at the Supply Dam to restore anadromous fish passage to upstream spawning habitats for alewife and other migratory fish species

Branford, Town of - Branford **\$7,654.62** **Public Access**

Branford Point Dock Enhancement

Enhancement of public access at the Branford Point Dock consisting of separation of passive and active recreational uses at the site through construction of railings, benches, and installation of defined parking areas and trash receptacles at the park

Clinton, Town of - Clinton **\$25,000.00** **Public Access**

Clinton Landing

Creation of a new waterfront park with a boardwalk, dock, observation platform, benches, picnic tables, and interpretive signs about area wildlife at the site of the former Clinton Police Department adjacent to US Route 1 and the Indian River

DEP, State of CT/Hammonasset Beach SP - Madison **\$24,720.80** **Public Access**

Replacement of bridge and boardwalk and placement of a stonedust trail

Construction of a new elevated handicapped accessible stonedust path, small bridge, boardwalk and observation platform at Meigs Point, providing views of an expansive tidal marsh and area wildlife

New Haven Land Trust, Inc. - New Haven **\$25,000.00** **Public Access**

Morris Creek Marsh Protection Project

Acquisition and preservation of seven parcels totaling 1.38 acres of undeveloped, previously subdivided land located along the Morris Creek marsh, including areas of tidal wetlands

Old Saybrook, Town of - Old Saybrook **\$8,665.58** **Public Access**

Old Saybrook Road Endings

A road ending enhancement project consisting of a survey of the Bayside Road ending property boundaries, existing physical features, and preparation and implementation of a public access site improvement plan and interpretive signage in consultation with area residents

Save Ocean Beach, Inc. - New London **\$25,000.00** **Public Access**

Ocean Beach Park/Alewife Cove Nature Walk

Creation of a handicapped accessible walking path and public garden at Ocean Beach Park adjacent to Alewife Cove, connecting the existing observation platform and walkway to the parking area

**DEP/Wildlife Division - East Lyme, Groton, Lyme, Old Lyme, Stonington
Lyme, Lyme, East Lyme, Groton, Stonington** **\$23,008.70** **Research**

Assessing the Impact of Mute Swan Grazing on Long Island Sound Eelgrass Beds

A research study to test the hypothesis that loss of shallow water eelgrass beds can be attributed to persistent grazing by resident mute swans and Canada geese.

UConn - Milford, New Haven

\$23,337.41

Research

Determining winter flounder spawning sites in two Connecticut estuaries

A research study to determine winter flounder spawning habitat requirements and essential fish habitat of the winter flounder egg in New Haven Harbor and Milford Harbor

UConn - Clinton, Groton, Madison, Milford, Waterford

\$24,969.00

Research

Invertebrates of Connecticut Coastal Strand Communities

A research study to collect preliminary invertebrate inventory data for beach, sand dune and grasslands communities of the Connecticut shoreline as a first step in protecting these habitats and organisms

UConn - Groton

\$4,469.07

Research

Identification guide to the larvae and early stages of LIS ascidians and bryozoans

Creation of an identification guide to the early life stages of Long Island Sound ascidians (tunicates) and bryozoans (true moss animals), including drawings, descriptions and taxonomic keys

Number of Projects: 17

LISF Amount Awarded for These Projects: \$300,635.99

Long Island Sound License Plate Projects

2004

Award Recipient - Municipality or Community Affected	Award Amount	Project Type
Connecticut River Foundation at Steamboat Dock, In - Essex <i>The River That Connects Us Orientation/Pre-Visit Video</i> Creation of a video about the Connecticut River and its resources and the river's connection to Long Island Sound	\$12,626.00	Education
Housatonic Valley Association - Lower Housatonic River Estuary <i>Lower Housatonic River Steward Education and Outreach Project</i> Creation of a lower Housatonic River Steward program, including a river steward and educational outreach and programming within the watershed	\$24,360.00	Education
Lower CT River Land Trust, Inc/Tidewater Institute - Lower CT River Estuary <i>Tools for Land Use Commission Members in the Tidewater Region</i> A workshop to educate land use commissioners about tools to assist in land use decisions in the Gateway Region of the lower Connecticut River and the importance of this area to the larger Long Island Sound estuary	\$6,951.08	Education
Maritime Aquarium at Norwalk, The - Norwalk <i>The Long Island Sound ePortal Project</i> Purchase and installation of a live web camera at Sheffield Island Lighthouse, transmitting live images of harbor seals and other wildlife to the internet for educational programming and data collection	\$18,614.00	Education

Saybrook Point Marina, LLC - Old Saybrook **\$18,658.79** **Education**

Coastal Access Walkway Exhibit Signs and Lighting, Saybrook Point Inn and Marina

Creation and installation of public access signs, interpretive educational signs and lighting along a publicly accessible boardwalk in Old Saybrook

Southwest Conservation District, Inc. – Norwalk Saugatuck River Watersheds **\$16,229.16** **Education**

Tools for Nonpoint Source Education in Key Long Island Sound Sub Watersheds

Implementation of a nonpoint source education awareness campaign in the Norwalk and Saugatuck River Watersheds

Submarine Force Library & Museum Assoc., Inc. - Groton **\$10,000.00** **Education**

Historic Changes on the Thames

Creation and installation of three educational signs at the Nautilus Museum detailing the maritime history of the Thames River estuary, its unique characteristics, and its relationship to Long Island Sound

Bridgeport, City of - Bridgeport **\$15,700.00** **Public Access**

Pleasure Beach Family Fishing Pier

An engineering study and physical safety enhancements of the remnants of the Pleasure Beach Bridge for use as a public fishing pier

DEP Bureau of Natural Resources, Wildlife Division - Stonington **\$2,580.00** **Public Access**

Interpretive Signs and Public Access Improvements at Barn Island Wildlife Management Area, Stonington, CT

Creation of a new handicapped accessible viewing area and interpretive signs describing the recent Barn Island 144 acre coastal land acquisition and the unique coastal resources at the site

DEP Hammonasset Beach State Park - Madison

\$4,387.04

Public Access

Additional Public Access to Shallow and Remote Waterways

Purchase of a new kayak trailer, kayaks and associated kayaking accessories for expansion of a popular guided public kayaking program at Meigs Point Nature Center

DEP-State Parks Division - East Lyme, Madison, Milford, Westport

\$13,845.22

Public Access

Beach Wheelchairs for Shoreline Access

Purchase of stainless steel beach wheelchairs for Rocky Neck, Hammonasset, Silver Sands, and Sherwood Island State Parks to provide handicapped accessibility to the water for disabled visitors

Mystic Fire District - Stonington

\$22,807.00

Public Access

Improved Access to the Mystic River Park

Purchase and installation of new benches and trash receptacles to enhance public access at a popular waterfront park

New Haven Land Trust, Inc., The - New Haven

\$16,537.50

Public Access

Hemingway Creek Wetlands Project

Acquisition of two parcels of land including significant tidal wetland areas of Hemingway Creek in New Haven

Quinnipiac River Watershed Assoc., The - North Haven

\$3,000.00

Public Access

Quinnipiac Marsh Bird Blind

Purchase of a portable bird blind and spotting scope, installation of an osprey platform in the Quinnipiac River Marsh, and creation of 12 organized public wildlife viewing days to observe osprey and other area wildlife

Stonington, Town of - Stonington **\$25,000.00** **Public Access**

Public Access Dinghy Dock

Construction of a public access dinghy dock in the Mystic River to provide access to Downtown Mystic from the water

Waterford, Town of - Waterford **\$25,000.00** **Public Access**

Removal of Safety Hazards at the Mouth of Jordan Cove

Removal of a series of old pilings and derelict structures at the mouth of Jordan Cove to restore safe navigation and pedestrian public access along the beach

DEP Bureau of Natural Resources, Marine Fisheries - Lower CT River **\$23,583.22** **Research**

Atlantic Sturgeon in Long Island Sound

A research study to collect information about Connecticut's population of Atlantic Sturgeon and their habitat

Number of Projects: 17

LISF Amount Awarded for These Projects: \$259,879.01

Long Island Sound License Plate Projects

2005

Award Recipient - Municipality or Community Affected	Award Amount	Project Type
Friends of Sherwood Island State Park, Inc. - Westport <i>Habitats/Inhabitants: A Permanent Display at Sherwood Island State Park Nature Center</i> Construction of a series of educational displays for a new nature center including a marine aquarium, a marsh tank and a touch tank with local species of marine life, educational signs and brochures, and trail maps of the park.	\$15,478.92	Education
New Haven Land Trust, Inc., The - New Haven <i>Long Wharf Harbor Panoramic Sign</i> Creation and installation of a tabletop panoramic sign at the New Haven Land Trust's Long Wharf Preserve, identifying and describing the diverse water-dependent industrial, commercial and public access uses on the opposite shore of New Haven Harbor, highlighting historical and natural features, and a corresponding educational brochure.	\$4,500.00	Education
Sea Research Foundation, Inc./Mystic Aquarium - Hartford - Bridgeport <i>Summer & Winter Camp Programs for Urban Youth</i> Two week long summer and winter camp programs at Mystic Aquarium for urban youth from Bridgeport and Hartford, providing opportunities for students to explore marine science and interact with scientists and educators at the aquarium during various educational activities and field trips.	\$18,000.00	Education
Solar Youth, Inc. - New Haven <i>Cityology: Urban Youth Environmental Educator Program</i> An 8-week pilot summer program in which eight inner-city New Haven youths ages 13 to 18 are hired and trained to deliver hands-on watershed education to children ages 6 to 10 throughout the city.	\$10,000.00	Education

UConn - Groton

\$24,576.00

Education

A Web-Based Tour of the Diversity of Habitat and Marine Life in Long Island Sound

A web-based narrated underwater tour of Long Island Sound, illustrating the diversity of organisms and habitats that can be observed beneath the surface.

Lyme Land Conservation Trust, Inc. - Lyme

\$13,900.00

**Habitat
Restoration**

Moulson Pond Fishway Improvements, Phase II

Repairs and improvements to an existing fishway structure at Moulson Pond, located in the Eightmile River watershed to maintain and improve passage of anadromous fish including Atlantic salmon, American shad, alewife, blueback herring, sea lamprey, and sea-run brown trout, as well as non-anadromous species such as white suckers and resident trout which also use the fishway.

Branford, Town of - Branford

\$8,000.00

Public Access

Stony Creek Dock Enhancement

Installation of eight granite benches and lighting in the summer house area of the Stony Creek Town Dock public access area to provide improved public access for passive recreational activities.

Milford, City of - Milford

\$14,000.00

Public Access

Stowe Beach Restoration

Construction of a public access platform with benches, educational signs and a handicapped accessible ramp from the end of Stowe Avenue to the beach and installation of a perimeter fence to protect to existing beach grass.

Norwalk, City of - Norwalk

\$23,043.46

Public Access

Handicapped Access to Beach Activities (HABA)

Purchase of two manual all-terrain surf wheelchairs and two self-propelled surf wheelchairs to provide handicapped access to Calf Pasture Beach in Norwalk, and installation of four signs at the site promoting the project.

Sail Connecticut Access Program, Inc. - Patchogue River **\$25,000.00** **Public Access**

"80" Accessible Ramp to Support Sailing Program for People with Disabilities

Installation of a handicapped accessible ramp at Pilot's Point Marina in Westbrook to provide safe and enhanced public access for disabled sailors participating in a specialized sailing program.

Stratford, Town of - Stratford **\$25,000.00** **Public Access**

Stratford Greenway Project - Seating Area

Construction of a paved seating area with benches and lighting at the entrance to a planned greenway trail adjacent to the Housatonic River near its confluence with Long Island Sound to provide improved public access for passive recreational activities along the waterfront in Stratford.

Connecticut College - Stonington **\$22,082.93** **Research**

Impacts of Salt Marsh Restoration on Microbial Community Structure and Diversity

A research study to evaluate differences in the microbial community structure and diversity in a restored salt marsh habitat at the Barn Island Wildlife Management Area in Stonington and in other undisturbed marshes, and to identify populations that change in relation to the restoration status of the salt marsh.

Heritage Consultants, LLC - Connecticut River **\$24,971.00** **Research**

Documenting Shipwrecks in the Connecticut Waters of Long Island Sound

A research study to document the location of shipwrecks in Connecticut waters of Long Island Sound and integrate this data into a database, transform it into a GIS system consistent with DEP's existing data layers providing easy access to historical shipwreck location information.

UConn - Long Island Sound **\$24,902.75** **Research**

A Comprehensive Assessment of the Distribution of Saltmarsh Sharp-Tailed Sparrows in Connecticut

A research study to conduct a survey of salt marshes throughout Connecticut to document the full range of a state special concern species, the saltmarsh sharp-tailed sparrow.

University of Hartford - Groton

\$13,934.09

Research

Growth Rates of Didemnum sp. In Different Habitats and the Species Potential to Impact Ecological Communities in Long Island Sound

A research study to assess the relative growth of the invasive colonial ascidian *Didemnum* sp. under different environmental conditions such as different depths, salinities, and coastal land use patterns.

William H. Moorhead, III - Connecticut River

\$24,700.00

Research

Modeling, Mapping, and Monitoring the Complex Mosaic of Plant Biodiversity of a Brackish Tidal Wetland, Ragged Rock Creek, Connecticut River

A research study to describe, model, and map the plant biodiversity of Ragged Rock Creek tidal marshes, using advanced remote-sensing techniques and modern analysis as a means to quantify the complex mosaic of a large brackish marsh tidal system.

Yale University - Branford Rivers

\$24,752.00

Research

Refractory Nitrogen in Discharges and Streams

A research study to evaluate the potential for refractory nitrogen in sewage treatment effluent and unpolluted streams to cause hypoxia.

Yale University - Branford

\$24,915.88

Research

Restoration of River Herring to Pisgah Brook and Linsley Pond; Patterns of Population Recovery and Ecological Effects

A research and outreach study in the Linsley Pond, Pisgah Brook watershed to support river herring restoration efforts and expand research to understand patterns of population recovery during restoration, and to assess the impact of restored river herring populations on local ecological processes.

Number of Projects: 18

LISF Amount Awarded for These Projects: \$341,757.03

Long Island Sound License Plate Projects

2006

Award Recipient - Municipality or Community Affected	Award Amount	Project Type
CT DEP, Kellogg Environmental Center - Derby <i>Native Waters: Sharing the Source Banners</i> Creation of three traveling educational banners illustrating Connecticut's drainage basin, local native history, and Long Island Sound to complement a national exhibit and for use within Connecticut at schools and other environmental education venues.	\$987.60	Education
Document Video Services, LLC - Statewide <i>More than a Sound: A Symphony of Life: A Scott Tucker Expedition New England Production Dedicated to the Long Island Sound License Plate Program</i> A 30-minute educational film about Long Island Sound consisting of underwater footage of marine organisms, discussions about ecosystems, non-point source pollution, fertilizer control and the overall importance of preserving the Sound.	\$24,795.32	Education
Friends of Hammonasset, Inc. - Madison <i>Attracting Beachgoers to Nature: Identification Signage at Beach Areas and Cedar Island Observation Platform</i> Creation and installation of 14 educational interpretive signs within Hammonasset Beach State Park describing various marine organisms and natural coastal processes.	\$14,717.52	Education
Maritime Aquarium, The - Norwalk <i>Long Island Sound Biodiversity Project Jefferson School Collaborative</i> An educational partnership project with Jefferson Elementary School to engage students in hands-on field programs on Long Island Sound to assist this inner-city school in the transition to a science magnet school.	\$25,000.00	Education

Norwalk River Watershed Assoc., Inc. – Norwalk, New Canaan, Redding, Ridgefield, Weston & Wilton **\$5,765.00** **Education**

Land Management Education to Reduce Non-Point Pollution

An educational outreach project to reprint and distribute non-point source pollution prevention brochures to residents, landscape architects and landscaping companies within the Norwalk River watershed.

Sea Research Foundation, Inc./Mystic Aquarium - Statewide **\$9,734.00** **Education**

Raising Public Awareness of Long Island Sound's Marine Mammals and Sea Turtles

An educational program to provide public information about seals and sea turtles most commonly found in Long Island Sound and its tributaries, and installation of educational signs along the coast and distribution of laminated brochures.

Somers Board of Education – Lyme, Norwich, Old Lyme, Somers **\$16,562.27** **Education**

Scientists and Educators Investigating Near-Shore Ecosystems (SEINE)

An inquiry-based hands-on educational program to teach students about variables impacting fish populations in Eastern Long Island Sound.

Tributary Mill Conservancy, Inc. - Old Lyme **\$5,000.00** **Habitat Restoration**

Rearing Atlantic Salmon (Salmon salar) in a Natural Gravity Feed Hatchery Pilot Project for the Atlantic Salmon Restoration at Mill Brook, Old Lyme

Upgrades to an existing pilot fish hatchery facility that raises Atlantic Salmon for release into the Eight Mile River to assist with ongoing restoration efforts to increase local fish populations.

New Haven, City of - New Haven **\$15,547.84** **Public Access**

Beach Access for All

Purchase of three beach wheelchairs to be used by persons with mobility impairments at Lighthouse Point Park in New Haven and handicapped accessible ramp improvements to enhance access to the park's bathhouse.

Connecticut Agricultural Experiment Station, The - Madison **\$24,863.00** **Research**

Role of Fusarium Pathogens with Sudden Wetland Dieback in Connecticut's Long Island Sound

A research study to determine what role a fungal pathogen, *Fusarium* sp. might play in Sudden Wetland Dieback (SWD) of native tidal wetland vegetation.

Interstate Environmental Commission - Milford **\$24,670.00** **Research**

Impact of Summer Ambient Temperatures on Elevated Levels, Persistence and Regrowth of the Enterococci Indicator Bacterial at the Silver Sands State Park Beach in the Long Island Sound Coastal Area

A research study to analyze localized conditions contributing to high concentrations of indicator bacteria that pose a general health hazard and prevent safe use of Long Island Sound beaches.

UCONN – Clinton, Guilford, Madison, Old Saybrook **\$24,430.78** **Research**

Estimating the Demographic Consequences of Wetland Fragmentation: Movement and Survival Patterns in a Threatened Salt Marsh Bird

A research study to further scientific knowledge of survival, habitat use and post-fledgling movement of Saltmarsh Sharp-tailed Sparrows, a tidal wetland bird species of special concern in Connecticut.

UCONN – Norwalk, Orange, Stonington **\$14,800.00** **Research**

*A Molecular Genetic Approach to Evaluate Herbicide Resistance and Vectors of spread for Populations of the Invasive Aquatic Plant *Hydrilla verticillata* (Hydrocharitaceae) in Connecticut*

A research study to determine the genetic composition of Connecticut populations of the highly invasive aquatic plant, *Hydrilla verticillata* in an effort to develop an effective strategy to manage this non-native species.

UCONN - Connecticut River Wethersfield to Holyoke, Massachusetts **\$24,593.67** **Research**

Estimating Predation on Declining River Herring: Tag-Recapture Study of Striped Bass in the Connecticut River

A research study to estimate the population size of striped bass in the Connecticut River during the spring migratory period and to test the hypothesis that consumption of river herring by striped bass can account for the recent declines in river herring run strength on the Connecticut River.

Number of Projects: 14

LISF Amount Awarded for These Projects: \$231,467.00

Long Island Sound License Plate Projects

2008

Award Recipient - Municipality or Community Affected	Award Amount	Project Type
Document Video Services, LLC - Statewide <i>100 Expedition New England Junior Oceanographers</i> <p>A 30-minute educational DVD entitled "Listening to the Sound" hosted by third grader Daphne Tucker, to teach students her age about the importance of protecting Long Island Sound against floatable debris, balloons, and non-point sources of pollution with direct participation of 100 "junior oceanographers" selected through an essay contest to learn from marine scientists at UCONN Avery Point, take part in beach clean-ups, and be encouraged to teach their peers about caring for the Sound.</p>	\$23,502.50	Education
The Last Green Valley, Inc. - Thames River Watershed <i>Making Sound Choices from Source to Sea</i> <p>Development and creation of two sets of exhibits entitled "Making Sound Choices from Source to Sea" with accompanying educational materials for use at 18 or more environmental education events at various locations along a canoe/kayak paddling route that would start upstream in Massachusetts and extend down to Long Island Sound over a 9-week period to engage the public in hands-on activities that promote individual changes in behavior to reduce nutrient loading through non-point source pollution .</p>	\$24,930.45	Education
UConn - Statewide <i>An Underwater Tour of Long Island Sound - Phase Two - The Movies</i> <p>Expansion of the UCONN's "Underwater Tour of Long Island Sound" website, http://www.lisrc.uconn.edu/lis_uwtour/index.asp, adding underwater videos of various organisms and their interactions with each other and their habitats, encoded videos with sampling data allowing the use of a map-based interface to access the clips, and creation of a teacher advisory board to develop storyboards of the type and content of the videos to best illustrate the Connecticut Science Frameworks for a variety of grade levels while presenting more of the biodiversity and beauty of Long Island Sound.</p>	\$20,834.72	Education

Mitchell College - New London

\$4,732.93

**Habitat
Restoration**

Mitchell Beach Restoration Project

A dune restoration project at Mitchell College Beach consisting of the removal of invasive plants and replacement with native plantings and protective snow fencing to restore a 1.5-acre dune system located adjacent to a 600 foot long sandy beach.

Westbrook, Town of - Westbrook

\$9,845.18

**Habitat
Restoration**

Salt Island Overlook Habitat Restoration

Removal of invasive plants in a 7-acre coastal forested area located adjacent to a tidal wetland connected to Long Island Sound including cutting, mulching, and application of basal and foliar herbicides, establishment of four permanent plots for monitoring effectiveness of invasive plant control, and oversight of the invasive control process to restore a coastal, forested area to improve native plant and wildlife habitat.

East Lyme, Town of - East Lyme

\$25,000.00

Public Access

ADA Accessible Fishing Pier on the Niantic River

Construction of a handicapped accessible fishing pier at Cini Memorial Park in East Lyme to provide improved public access for handicapped accessible fishing in the Niantic River.

Lynde Point Land Trust, Inc. - Old Saybrook

\$3,994.43

Public Access

Borough Grove Trail Enhancement Project

Improvements to a 16-acre parcel of wooded open space known as "The Grove" in Fenwick including clearing existing trail areas to improve vistas of the adjacent South Cove shoreline, create new trails on the property, create two parking spots, install trail markers, install three teak benches at locations along the trail with water views, providing improved public access to hiking trails on this waterfront parcel and limited parking.

UConn – Multiple Municipalities: Deep River, Essex, Lyme, Old Lyme, Old Saybrook

\$24,866.00

Research

The Expansion of the Long Island Sound Integrated Coastal Observing System to the Connecticut River for Environmental Education and Research

Expansion of the current Long Island Sound Integrated Coastal Observing System (LISICOS) through installation of new sensors in the Connecticut River at the DEP Marine Headquarters facility in Old Lyme and at the Connecticut River Museum in Essex, and collaboration with the U.S. Geological Survey (USGS) and the Connecticut River Museum in Essex to provide long-term observations of temperature, salinity and sea level to allow the assessment of the effect fo global scale climate changes on the ecosystem of Long Island Sound and the Connecticut River, and to provided public educational opportunities.

UConn - Groton

\$24,946.24

Research

Studies on the Benthic Biology of Mumford Cove, Groton, CT: Assessing the Extent of Habitat Restoration

A research study to document the conditions of the benthic communities in Mumford Cove in Groton, following the elimination of a former sewage treatment plant effluent discharge into the cove in 1987, and to assess the rate of benthic community recovery.

Yale University - Statewide

\$25,000.00

Research

Efficiency of Standard Storm Water Best Management Practices for Nitrogen Removal

A research study to measure untreated stormwater nitrogen (N) concentrations at 15 municipal stormwater sites to determine whether there are consistently high N stormwater sites; assess Best Management Practices (BMP) performance with both low N and high N stormwater through measurements of influent and effluent flow and N concentration; and extrapolation of data to address the question of whether these BMP's are effective enough to realistically achieve a 10% reduction target.

Number of Projects: 10

LISF Amount Awarded for These Projects: \$187,652.45

Long Island Sound License Plate Projects

2010

Award Recipient - Municipality or Community Affected	Award Amount	Project Type
Groton Open Space Association, Inc. - Groton <i>The Sheep Farm and Fort Hill Brook Ecosystem Preservation</i> To purchase, restore and preserve a 63- acre parcel referred to as "The Sheep Farm" located at 245/255 Hazelnut Hill Road in Groton, located adjacent to Mumford Cove and fort Hill Brook, to preserve this intact 18th century farm, featuring colonial era and Native American historic sites, mature forest, meadows, a high-quality stream, migrating fish corridor, two waterfalls, seven wetlands, three major seeps, many minor seeps, six vernal pools and a large maple swamp. The proposed project would provide permanent protection of the property and the ecosystem services that it provides, as well as preservation of the historical features on site. DEP funding acknowledgement would be provided on site entrance signage and on all related website and printed materials, as well as a sign to be located on the Route 117 section of the proposed Bluff Point to Preston multi-use trail if permission from the Town of Groton can be obtained by the applicant.	\$82,200.00	Improved Ecosystem Services
Nature Conservancy, Inc., The - Lyme <i>Ed Bills Pond Dam Removal</i> To develop final design plans and obtain required permits for, as well as remove the dam at Ed Bills Pond in the east branch of the Eightmile River on Salem Road in Lyme, to restore diadromous fish passage within the watershed. The proposed project would provide restored access for alewife, blueback herring, American eel, and sea lamprey, as well as resident species of brook trout and brown trout to 8.3 miles of additional habitat, 7.2 miles directly upstream to the Witch Meadow Dam and 1.2 miles of adjoining tributary access. DEP funding acknowledgement would be provided on an interpretive educational sign to be installed at the project site, on press releases, at public meetings, and events regarding the project.	\$207,049.00	Improved Ecosystem Services

Nature Conservancy, Inc., The - Lower CT River

\$127,020.00

**LIS Habitat
Restoration**

Lower Connecticut River Phragmites Control Project

To conduct a one-year tidal marsh restoration project through control of approximately 150 acres of *Phragmites australis* at 14 sites within the lower Connecticut River, and dispersed throughout nearly 2900 acres of tidal marsh in the towns of Essex, Old Saybrook, East Haddam, Lyme, and Old Lyme, located adjacent to the lower Connecticut River. The proposed project would restore the extent and integrity of native tidal marsh vegetation through pre and post monitoring and vegetation distribution reconnaissance, and a combination of herbicide treatments of Imazapyr, Glyphosate and/or Triclopyr through selective backpack spraying and broadcast spraying from an ARGO transport and spray delivery machine with low ground pressure suited for marsh conditions. Mowing, cutting and/or mulching are not proposed as a component of this project, and vegetation will be allowed to decay in place. DEP funding acknowledgement would be provided in press releases and news articles about the project, and in the applicant's newsletter and website.

Norwalk, City of - Norwalk

\$450,000.00

**LIS Habitat
Restoration**

Engineering, Design and Permitting for Removal of Flock Process Dam on the Norwalk River

To conduct an engineering analysis, study and design that includes detailed cost estimates for complete removal and restoration, hydraulic data, sediment management plan, site restoration plans and analysis of alternatives, and to obtain issued permits for the removal of the 22 foot high by 120 foot long Flock Process Dam at 363 Main Avenue in Norwalk, located within and adjacent to the Norwalk River. Removal of this dam would eliminate the first impediment to sea-run fish passage from Long Island Sound up the Norwalk River and would restore ambient riverine flow, hydrology, and passage for diadromous and resident species of fish and other aquatic species including but not limited to alewife, blueback herring, sea-run brown trout, brook trout, blacknose dace, common shiner, creek chub, and American eel. Combined with the anticipated removal of the Strong Pond Dam at Merwin Meadows in Wilton, the implementation phase of the project (to be funded by others) would provide restored riverine habitat and access to approximately 17 river miles of upstream habitat. DEP funding acknowledgement would be provided on the final engineering analysis report, on the applicant's website, and on all press releases regarding the project.

Trust for Public Land, (Inc.) The - Madison

\$500,000.00

**LIS Habitat
Restoration**

Griswold Airport Land Conservation

To support the reimbursement of a completed conservation easement acquisition of 17.4 acres as a conservation area at the former Griswold Airport, located at 1362 Boston Post Road in Madison, and located adjacent to the Hammonasset River and Long Island Sound. The proposed project would provide partial reimbursement of funds which were spent by the applicant and the Town of Madison to acquire the conservation easement, which protects natural habitat buffer to the Hammonasset River and Natural Area Preserve of Hammonasset Beach State Park, including 10 acres of tidal wetland, 10 acres of coastal forest and 5-9 acres of coastal prairie habitat. Species utilizing this property include protected birds such as the saltmarsh sharp-tailed sparrow, American bittern, king rail, clapper rail, American black duck, glossy ibis, little blue heron, great egret, snowy egret, and downstream habitat protection for beach nesting birds such as plovers and terns. DEP funding acknowledgement would be provided on site signage which would be installed, in press releases and newsletters by Audubon Connecticut, the applicant and other partners such as the Town of Madison.

West Haven, City of - West Haven

\$105,475.00

**LIS Habitat
Restoration**

Cove River Habitat Restoration Project

To conduct a three-year *Phragmites* control project consisting of the application of aquatic herbicides and mowing in an approximately 95 acre area within the Cove River wetland located west of Old Field Creek, north of Captain Thomas Boulevard, east of Platt Avenue, west of Kelsey Avenue, and south of Main Street in West Haven. The project would be conducted in and adjacent to the Cove River and Long Island Sound, to restore the wetland ecosystem and to remove invasive stands of *Phragmites australis*. The proposed project would provide an opportunity for native wetland plants to grow and for overall restoration of the ecological health of the tidal wetland, aquatic species including native shellfish and finfish, and native wildlife habitat for important species including piping plover, seaside sparrow, saltmarsh sharp-tailed sparrow, willet and marsh wren. DEP funding acknowledgement would be provided through a press release at the beginning of the project and on a sign to be erected at the project site.

Central Connecticut Regional Planning Agency - Bristol

\$164,500.00

**Physical
Habitat
Restoration**

Middle Street Dam Removal: Final Engineering, Design and Permit Preparation

To conduct the necessary design and engineering work as well as creation of final plans and obtain regulatory authorizations for the removal of the Middle Street Dam at the intersection of Riverside Avenue (Route 72) and Middle Street (Route 229) in Bristol, located in the Pequabuck River, to restore the hydrology of the river, the riverine environment, fish passage to an additional 8.5 miles of upstream spawning habitat, enhanced recreation in the river, and structural and vegetative repair to the river bottom and banks. The proposed project would provide the necessary engineering, design and regulatory authorizations required to remove the last barrier to fish passage between Long Island Sound and the spawning habitat upstream of the dam (once the Spoonville and Winchell-Smith Dams downstream from this site, for which removals are already designed, are removed). The proposed project would involve the creation and authorization of a plan for the removal and authorized disposal of impounded sediment adjacent to the dam which is contaminated with lead, cadmium, PAH and TPH (hydrocarbons). Heavy metal contamination exceeds the Pollutant Mobility criteria for GA and GAA areas, and PAH and TPH concentrations exceed the Pollutant Mobility criteria for GA, GAA, and GB areas. DEP funding acknowledgement would be provided on a sign at the project site and in the applicant's newsletters, annual report and website.

Connecticut Fund for the Environment, Inc. - Bridgeport

\$83,263.00

**Physical
Habitat
Restoration**

Pequonnock River Cement Apron Fish Passage Project

To construct a step-pool fish ladder comprised of a series of weirs and concrete pools through the center of a cement apron that goes across the Pequonnock River in Glenwood park at the intersection of Chopsey Hill Road (Rt 1) and Glenwood Avenue in Bridgeport. The proposed step pool fish ladder is proposed to allow migrating diadromous fish to safely navigate the apron at all flows while continuing to serve the Department of Transportation's need for erosion control at the site. The applicant also proposes to install a weatherproof structure, electronic fish monitoring equipment and remote video equipment at the Bunnells Pond fishway capable of sending live fees of fish passing through the ramp to a computer/kiosk within Beardsley Park Zoo to provide monitoring data and urban environmental education opportunities within the community. The proposed project would provide improved fish passage to five (5) river miles and 33 lake acres in Bunnells Pond for migratory fish access. Current site conditions require migrant alewives to swim on their sides or with their backs out of the water which exposes them to predators and injuries, reducing the success of the run upstream. DEP funding acknowledgement would be provided during a press event, on a large sign to be installed adjacent to the project in Glenwood Park, on the applicant's website, on all publications promoting the project, and during two (s) educational outreach community events.

Connecticut Fund for the Environment, Inc. - Wallingford

\$213,788.00

**Physical
Habitat
Restoration**

Wallace Dam Fishway Project

To obtain permits for and construct a Denil fishway approximately 120 feet in length and four feet in width around the northwest end of the Wallace Dam, install a fish count house, public parking and an ADA-accessible viewing platform and interpretive educational sign at the intersection of River Road and Quinnipiac Street in Wallingford, on the Quinnipiac River, approximately 25 miles from Long Island Sound. The purpose of the project is to restore diadromous fish passage to 8 miles of upstream habitat and 17 acres of water in three lakes for American shad, alewife, blueback herring, gizzard shad, sea-run brown trout, sea lamprey, American eel, striped bass and white perch. The proposed project would provide valuable upstream spawning habitat for anadromous fish species which have been in decline in recent years and an opportunity for the general public to view and learn about these species from an ADA-accessible viewing platform with interpretive signage. DEP fund acknowledgement would be provided on interpretive signage at the site, on applicant and partner websites, and during a press event for the completion of the project. Final report rec'd on 6/20/12. Waiting for financial back-up documentation before final payment.

Eastern Connecticut Conservation District - Preston

\$283,000.00

**Physical
Habitat
Restoration**

Hallville Dam Fishway

To construct a bypass fishway with a fish counter around a 15 foot high dam located at 16 Halls Mill Road in the Hallville section of Preston to provide fish passage to the 11 acre Hallville Pond within Poquetanuck Brook. The applicant also proposes to install a video camera with a live feed to the internet to allow for real-time remote monitoring of the fish passage by scientists, students and the public, and installation of an interpretive kiosk style educational sign at the site. The project would restore migratory fish passage to the pond, and provide passage around the first and greatest barrier to an additional 8.5 miles of historical fish habitat, which includes two lakes totaling 158 acres, and would provide both scientific monitoring and educational/outreach opportunities for the general public. DEP funding acknowledgement would be provided on the large kiosk-style interpretive sign which would be constructed at the approach to the fishway, and is located in an open area adjacent to a heavily traveled primary road and public parking, on the website hosting the live video feed, and on the applicant's website.

Farmington River Watershed Association, Inc. - Bloomfield, E. Granby **\$500,000.00** **Physical
Habitat
Restoration**

Removal of Spoonville Dam from the Farmington River

To obtain permits for and remove the Spoonville Dam from the Farmington River located at Tunxis Avenue in East Granby and bordered on the south side of the river by Rte 189 in Bloomfield, to restore migratory fish passage to upstream habitats of the Farmington River and to remove a structure from the floodway to restore overall riverine health. The proposed project would provide access to approximately 20 miles of mainstem habitat in the Farmington River as well as the entire Salmon Brook watershed, and the Pequabuck River as far as the King Street Dam in Bristol. LIS Fund acknowledgement would be provided on the applicant's website, newsletter, press releases, annual report, public presentations, and other publicity or educational materials produced in association with the project. The applicant also proposes to install a sign at the site at a later date with alternate funds which would include acknowledgement of all funding partners.

Manchester, Town of - Manchester **\$175,000.00** **Physical
Habitat
Restoration**

Hilliard Pond Dam Removal and Habitat Restoration Project

To conduct the required engineering, obtain permits for and conduct removal of the remnants of the breached Hilliard Pond Dam located at 381 Adams Street in Manchester, within Bigelow Brook, which is a tributary to the Hockanum River, to restore the natural riverine flow at this site and remove an impediment to fish passage within the brook and larger Hockanum River watershed. The proposed project would provide an additional 1.2 miles of coldwater thermal refuge for brown trout and migratory passage for American eel in the Bigelow Brook. DEP funding acknowledgement would be provided in press releases to local news media and on a sign at the site.

National Audubon Society, Inc. - Southbury **\$110,631.00** **Physical
Habitat
Restoration**

In-Stream and Riparian Improvements of the Pomperaug River

To conduct a scientific assessment of and to implement in-stream improvements to approximately one mile of river including the placement of large woody debris structures constructed of log jams, conifer revetment structures, bank placed logs, stream bank stabilization plantings and placement of boulders at 185 East Flat Hill Road in Southbury, located in and adjacent to the Pomperaug River, to improve in-stream habitat values and to alter sediment moving down river and deposit it in a manner that increases a diversity of habitats for wildlife, and reconnect the river with its floodplains during high water events. The proposed project would provide increased habitat for native species, including anadromous fish and native species of wildlife. DEP funding acknowledgement would be provided in a press release, groundbreaking ceremony, on a display in the applicant's visitors' center, the applicant's website, and discussions of the project during educational events.

Nature Conservancy, Inc., The - East Berlin

\$307,964.00

**Physical
Habitat
Restoration**

StanChem Fishway Construction and Monitoring

To construct a Denil fishway, eel pass, and associated viewing window and video monitoring equipment at the 5-foot high StanChem Dam located at 401 Berlin Street in East Berlin, on the Mattabesett River to restore diadromous fish access to 16.5 river miles of spawning habitat and provide reconnection with 51.8 miles of stream habitat for American shad, alewife, blueback herring, gizzard shad, sea lamprey, sea-run brown trout, white perch, striped bass, and American eel. The applicant also proposes to purchase and install a video monitoring system at Aquarion’s Wood dam located at 33 Bolton Road in Westport, on the Saugatuck River where an existing fishway and fish counter exist to enhance existing monitoring activities at the fishway and provide comparative passage data for the Saugatuck River. The proposed project would provide both restored access to upstream spawning habitat in the Mattabesett River and associated stream habitats, and improved monitoring of fish passage for multiple species at both the StanChem and Wood dams to inform future habitat restoration and species conservation efforts. DEP funding acknowledgement would be provided in the applicant’s press releases, monthly newsletters, quarterly magazine, and on a sign to be installed at the StanChem site. Data from the monitoring at both sites would be included in the DEP’s weekly diadromous fish report and at educational events held at the sites.

North Central Conservation District, Inc. - Manchester

\$145,000.00

**Physical
Habitat
Restoration**

Laurel Marsh Ecosystem Management and Habitat Restoration Project

To conduct a three-year project to remove approximately 90 acres of *Phragmites australis* through a combination of cutting and application of herbicides, evaluation and re-excavation of 11 existing wildlife ponds to enhance wildlife habitat, and improvements to area trails and bridges in poor repair in the Laurel Marsh area of the Hockanum River in Manchester, located along Routes 6/44, and immediately off I-84 to restore natural habitats for wildlife including nesting and migrating wading birds, amphibians and fish. Excavated sediments would be regraded on site. The proposed project would improve upon a habitat restoration project which was conducted in 2003 with the assistance of the DEP Wetlands Habitat and Mosquito Management (WHAMM) program, and would provide a more natural habitat for a variety of species and would result in the removal of an extensive stand of invasive *Phragmites*. DEP funding acknowledgement would be provided on a sign to be erected at the Laurel Marsh Trailhead.

Number of Projects: 15

LISF Amount Awarded for These Projects: \$3,454,890.00

[**Long Island Sound License Plate Program**](#)