



A Partnership to Restore and Protect the Sound

MANAGEMENT COMMITTEE

of the Long Island Sound Study

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MANAGEMENT COMMITTEE

John Atkin, Regional Plan
Association

Kevin Bricke, EPA Region II

Karen Chytalo, NYSDEC

Howard Golub, IEC

Lynne Hamjian, EPA New England

Donald Henne, USFWS

Warren Kurtz, NYCDEP

Dr. James S. Latimer, EPA/AED

Dr. Jack Mattice
NY Sea Grant College Program

Rodney McNeil, NYSDOS

Dr. Edward Monahan
CT Sea Grant College Program

Catherine Rogers, ACOE

Nancy Seligson, Save the Sound

Walter Smith, NRCS

Dr. R. Lawrence Swanson,
SBU/WMRI

Mark Tedesco, EPA/LISO

Betsy Wingfield, CTDEP/OLISP

Dr. Gary Wikfors, NOAA/NMFS

Dr. Charles Yarish, UCONN

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*The Management Committee meets
quarterly on the third Thursday of
January, April, July, and October.
Meetings are open to the public.*

November 7, 2003

MEMORANDUM

SUBJECT: October 16, 2003 Management Committee Meeting Summary

TO: LISS Management Committee Members

FROM: 
Mark Tedesco, Director
EPA Long Island Sound Office

Enclosed for your information is a summary of the Thursday, October 16, 2003 Management Committee meeting. While these notes have been reviewed by staff for accuracy, any final corrections will be requested at the next meeting. Copies of any handouts from the meeting as noted in the summary may be obtained from our office upon request.

The next Management Committee meeting is scheduled for Thursday, January 29, 2004 in Stamford. The agenda and supporting material will be sent to you about ten days prior to the meeting. Please provide suggested agenda topics to our office by Monday, December 22, 2003, and do not hesitate to contact me if you have any questions, or your staff may contact Joe Salata for further information.

Enclosure

cc: Management Committee Mailing List

**Long Island Sound Study
Management Committee Meeting Summary
Thursday, October 16, 2003
Stamford, Connecticut**

Mark Tedesco called the meeting to order at 10:20AM, asking attendees to introduce themselves. **(see Attachment 1)** Tedesco asked if there were any changes to the July 17, 2003 meeting notes, or if there were any additions to today's agenda; as no changes were requested, the notes were accepted. Tedesco announced an agenda change to move the Small Grants presentation up to the first agenda topic. Tedesco also asked for the Committee's approval of the 2004 meeting schedule, which had been included in the meeting package. As there were no objections to the proposed schedule, it was approved **(see Attachment 2)**. Tedesco then recognized Kimberly Zimmer.

1. 2004 LIS Small Grants

Kimberly Zimmer reported that the Small Grants review team had met on October 9 to review the 43 proposals submitted under the 2004 RFP **(see Attachment 3)**. The review team members were: CAC members Bill Evanzia and Sally Kruse, Julianna Wyman, USFWS; Rick D'Amico, NYSDEC; Mark Parker, CTDEP; Ann Rodney, EPA Region I; Laura Bartovics, NY Sea Grant and NY/NJ Harbor Estuary Program; Laura Blake, NEIWPC; and Joe Salata, EPA LISO. Zimmer thanked the review team members for their efforts in reviewing, ranking and recommending projects. Zimmer indicated that there were three distinct categories for project proposals this year: 1) public information/education; 2) exotic species; and 3) National Estuaries Day projects. The total budget was approximately \$90,000 for all three categories, with National Estuaries Day projects limited to maximum funding of \$2,000 per proposal and exotics with a limit of \$10,000 per proposal. Zimmer indicated that the LISS had selected exotic species as a focus category in 2004, but asked the Committee members for their suggestions for a new project focus area for the 2005 RFP. Zimmer then described the 20 projects that the team was recommending for funding. Zimmer requested comments from the Committee members. Ed Monahan asked whether any method was employed to confirm that applicants were qualified to receive awards under the program. Zimmer replied that private nonprofit organizations must certify that they are qualified as a tax exempt 501(c)(3) organization under the IRS code. If they so qualify, the organization is eligible to apply regardless of the size of its membership base. Mark Tedesco asked for and received the Committee's approval of the proposed projects.

ACTION ITEM 1: Kimberly Zimmer will notify all of the applicants and proceed to make the awards for the approved projects.

ACTION ITEM 2: Committee members will provide suggestions to Kimberly Zimmer concerning new focus areas for the 2005 Small Grants projects RFP.

2. CAC Report

John Atkin reported that the CAC had accepted two new members – Kay Eisenman of the Westchester County Planning Department and Sandy Breslin of Audubon Connecticut. Atkin acknowledged Breslin, who was in attendance. Atkin reported that Charles Rothenberger, (Connecticut Fund for the Environment) was named their new CAC representative. There are now a total of 38 CAC members, 20 from New York and 18 from Connecticut. (There are currently two vacancies, and letters have been sent to the organizations requesting naming of replacements.) Atkin asked the Committee to endorse the new members by opening the floor for discussion and the Committee was unanimous in accepting the new CAC members. Atkin reported that the CAC approved the proposed changes to the 2004 planning and budgeting process that would be presented to the Committee later on the agenda. Atkin distributed the CAC's 2004 recommendations on budget priorities, which the CAC had reached through multi-voting (see **Attachment 4**). The top four CAC priorities are: 1) dredging/disposal; 2) LIS Stewardship System; 3) NYC nitrogen removal; and 4) baseline monitoring of species.

3. STAC Report

As neither STAC co-chair was able to attend the meeting, Mark Tedesco reported for the co-chairs. The SWEM modeling workshop is scheduled for October 23-24 at the Wang Center at Stony Brook University. Tedesco announced that the two Long Island Sound Fellows had been selected – Alison Biddle, a doctoral student of oceanography at UCONN's Department of Marine Sciences, and Travis Baggett, a master's student in Marine and Atmospheric Sciences at Stony Brook University. The research RFP review committee selected 19 of 40 proposals to submit full proposals. The submission deadline is November 21. Ed Monahan suggested that given the tight academic schedules of the co-chairs, naming alternates or associate co-chairs to attend Management Committee meetings to represent the co-chairs' views in absentia would be advisable. Mark Tedesco agreed to follow up on this suggestion with Drs. Yarish and Swanson.

ACTION ITEM 3: Mark Tedesco will contact the STAC co-chairs regarding appointment of alternates to attend Management Committee meetings.

3. Work Group Reports

Nutrients – Mark Tedesco reported that the work group is applying the Systemwide Eutrophication Model (SWEM) to the nitrogen TMDL revision. Hydroqual Inc. is performing model runs under its contract and is supporting the work group. September 2004 is the target date for revising the TMDL, which will be submitted by the states for EPA approval. SWEM will be used in the analysis as will the revised dissolved oxygen standards.

Habitat – Karen Chytalo announced that Lisa Holst had been promoted to a new job in Albany, and that she would be leaving as the New York LISS habitat coordinator by the end of October. Chytalo indicated that it would be difficult to fill the vacancy due to current budget and fiscal constraints. Chytalo gave an update on the status of habitat restoration, reporting that 45.41 acres of habitat had been restored and .75 river miles had been reopened to anadromous fish passage in 2003. These are two of the National Estuary Program's reporting indicators under the Government Performance and Results Act. Five habitat restoration manual chapters are going to print and should be distributed to the public and municipalities by the end of the year; they will also be posted on the web. The habitat work plan is being redrafted to be more consistent with the other work group work plans; Harry Yamalis is working with Lisa Holst to finish this up before Lisa leaves. The tidal wetlands workshop summary report is being finalized and should be available by the end of October. Ed Monahan suggested that the Committee recognize the contributions of Lisa Holst and Lori Benoit by sending them a letter of congratulations. Mark Tedesco will to prepare and send the letters on behalf of the Management Committee.

ACTION ITEM 4: Mark Tedesco will prepare and send congratulatory letters to Lisa Holst and Lori Benoit on behalf of the Management Committee.

Connecticut River – Laura Blake reported that the work group met during the week of October 6. The work group is in year two of a three year monitoring effort for water quality in the upper Connecticut River basin. There is very little data on water pollution control facilities in the upper basin. Lynne Hamjian clarified that Massachusetts facilities in the Connecticut River basin are required to monitor for nitrogen in their permits. New Hampshire and Vermont do not want to require monitoring for nitrogen due to its expense; however, EPA implements the NPDES program in New Hampshire. Hamjian will follow up with the EPA's New Hampshire program staff. The work group is also looking at options for funding nitrogen transport/attenuation studies.

Nonpoint Source & Watersheds – Walter Smith reported that the work group met through several teleconferences and meetings. The work group is composed of thirteen representatives from federal, state and local organizations with an interest in nonpoint source control and watershed management. The group will advise the LISS Management Conference on coordination, facilitation, development and technology transfer of information and programs to support the LISS CCMP, the LIS Agreement, and the needs of federal, state and local entities to implement NPS strategies. Another goal, tracking and monitoring of nonpoint source loads, is very difficult, but some methodology is necessary to assess progress on the TMDL. The group is also developing information sources to assess the status of riparian buffers, as required in the Long Island Sound 2003 Agreement.

4. LIS Stewardship System

Mark Tedesco summarized the agreements from the last meeting on the stewardship system. The Committee had approved going forward with public meetings in the Fall on the Stewardship System, but the presentation could not be finalized to the group's satisfaction prior to meetings, so the meetings were postponed until a satisfactory presentation could be developed. Tedesco then introduced Jane MacLellan of the US Fish & Wildlife Service, who reviewed the draft PowerPoint presentation with the Committee. Tom Halavik presented the ecological reserves portion of the proposal by showing several detailed maps of the habitat types identified for the system. John Atkin reviewed the recreational and open space mapping and inventory data developed by the Regional Plan Association. Dr. Jack Mattice posed the question of whether the ecological component should be subject to outside peer review to validate the data collected. The consensus of Halavik and the Committee was that because the data were developed by experts in the field, outside peer review would not significantly contribute to validation. Robin Kriesberg summarized the public outreach component of the system, indicating that the team is scheduled to meet on October 22 to modify the presentation. The final draft will be sent to the Committee via electronic means in advance of the public meetings.

ACTION ITEM 5: The Stewardship Team will modify the public presentation and provide it to the Committee members in advance of the public meetings in January 2004. The Team will also make additional presentations prior to the public meetings to the CAC and other stakeholders to refine the presentation.

5. 2004 LISS Budget & Work Plan Proposed Changes

Mark Tedesco referred Committee members to the proposed 2004 budget and work plan changes that were included in the meeting packet. Tedesco reminded the members that they had seen this proposal at the July meeting, and it was essentially the same proposal, with the addition of CAC support to the base program category. Tedesco reviewed the proposed changes, and asked the committee to endorse the concept of a base program, enhancements projects, research program, and implementation grants as the basic elements of the LISS budget. Finally, a new grant program would be solicited for in the enhancements projects RFP to be administered by a qualified third party. This grant program would be patterned after the Chesapeake Bay Small Watershed Grants Program, administered by the National Fish and Wildlife Foundation. Tedesco distributed a table outlining the 2004 priorities and potential sources of funding (**see Attachment 5**). The Implementation Team will meet in the next few weeks to review the work plans, CAC priorities, LIS Agreement and other factors to develop the priority areas for inclusion in the enhancements RFP. Tedesco asked the Committee to endorse the proposed changes to the planning and budgeting process for 2004. The Committee approved the changes.

ACTION ITEM 6: The Implementation Team will meet on November 5 to develop priority areas for inclusion in the enhancements RFP for issuance in November. The enhancement will be distributed to the Management Committee for approval prior to release.

6. Sound Ideas Public Comments

Mark Tedesco opened the floor to public comments and recognized Art Glowka. Glowka remarked that he was very interested that the group seemed to be getting away from the Clean Water Act, and is talking about cows in Vermont, not about fish. The press is interested in the Sound and is asking more about it – the Stamford Advocate recently did a four part series on the Sound. Glowka said he is appalled that the STAC is a non-entity. Glowka said he was at the last CAC meeting where there was a briefing on hypoxia, but how much money was for biology of the receiving waters – nothing. Tedesco thanked Mr. Glowka for his comments.

7 Updates

Due to time constraints, verbal updates were not given.

8. Wrap Up & January Agenda Items

The next management committee meeting is scheduled for Thursday, January 29, 2004 in Stamford. Management Committee members should provide suggestions for agenda topics to the LISO by December 22. There being no other business, Tedesco adjourned the meeting at 3:30PM.

List of Attachments

1. List of Attendees
2. 2004 Meeting Schedule
3. 2004 Small Grants proposal list
4. CAC 2004 Budget Priorities
5. LISS 2004 Work Plan Priorities Chart



Long Island Sound Study
 Management Committee Meeting
 Thursday, October 16, 2003
 Stamford, Connecticut

NAME	ORGANIZATION	PHONE/FAX	EMAIL
Baren Chufale	NY SDEC	631-444-0430 / 0434	lcnchufal@w.dec.state.ny.us
Betsy Kinghill	CT DEP	800-424-3704 / 4055	betsy.kinghill@po.state.ct.us
Paul Stacey	CT DEP / WATER MGMT	860-424-3728 / 4055	paul.stacey@po.state.ct.us
Don Henne	US Fish & Wildlife - Coastal	401-364-9124 / 0170	don_henne@fws.gov
Maura Kucin	NYC-DEP	718-595-6226	MKucin@DER.NYC.GOV
Brian J. Mitchell	IEC	203-582-0380	bmitchell@iec-nynjct.org
JOE SACATA	EPA LISO	203-977-1541 / 1546	SACATA.DSERM@EPA.GOV
WALTER SMITH	NRCs	860-871-4040	walter.smith@ct.usda.gov
JACK MATTICE	NYSGIT	631/632-6905	JACK.MATTICE@STONYBROOK.EDU
ED MONTANAN	ETSG	860-485-9110 / 9109	EDMONTAN@UCONN.EDU
JOHN ATKINS	RPA	803-356-0390 / 0392	John@RPA.ORG
Nancy Seligson	LISS - CRC	9148244953 / 9148340404	NancyHS@cool.com
Lynne A. Hamjian	EPA - Boston	617-918-1601 / 617-918-1505	Hamjian.Lynne@epa.gov
Sandy Breslin	Audubon CT	(203) 264-5098	sbreslin@audubon.org
AL ACCESE	Audubon New York	(518) 869-9731	accese@audubon.org
Robin Kuebling	Save the Sound	(203) 354-0036 / 10041	rkuebling@save-the-sound.org
Tom Halavik	USFWS - Christine Program	(401) 364-9124 ext 39	tom_halavik@fws.gov
LAURA BLAKE	NEIWPCC	(978) 323-7929 / 7919	LBLAKE@NEIWPCC.ORG

LONG ISLAND SOUND STUDY JOINT CALENDAR
Management Committee
Science & Technical Advisory Committee
Citizens Advisory Committee
Implementation Team

Calendar Year 2004 Meeting Schedule

14 29*	JANUARY Implementation Team Management Committee, Stamford, Connecticut
2-6 27	FEBRUARY CAC Subcommittee Conference Calls Science & Technical Advisory Committee
11 24	MARCH Citizens Advisory Committee, Stamford, Connecticut LISS Implementation Team
29*	APRIL Management Committee, Stamford, Connecticut
3-7 28	MAY CAC Subcommittee Conference Calls Science & Technical Advisory Committee
10 23	JUNE Citizens Advisory Committee, New York City LISS Implementation Team
15	JULY Management Committee, Stamford, Connecticut
2-6	AUGUST CAC Subcommittee Conference Calls
9 22	SEPTEMBER Citizens Advisory Committee, Stamford, Connecticut LISS Implementation Team
21	OCTOBER Management Committee, Stamford, Connecticut
1-5 19	NOVEMBER CAC Subcommittee Conference Calls Science & Technical Advisory Committee
9	DECEMBER Citizens Advisory Committee, New York City

The Management Committee meets on the third Thursday of January, April, July, and October in the EPA Long Island Sound Offices in Stamford, Connecticut.

The Science & Technical Advisory Committee meets three times annually.

The LISS Implementation Team meets during the last week of the month preceding Management Committee meetings.

The Citizens Advisory Committee meets on the second Thursday of March, June, September, and December at alternating New York City and Stamford, Connecticut locations.

* Moved due to date conflict

	Title	Organization	Director	NED	PIE	Exotics
1	Manhasset Bay Shoreline Trail Program	Residents Beautiful Port Washington	J. Rimmer		\$ 5,000.00	
2	Port Jefferson Harbor Shellfish Restoration Project	LI Seaport and Eco Center	K. O'Sullivan		\$ 5,000.00	
3	National Estuaries Day Celebration	LI Seaport and Eco Center	K. O'Sullivan	\$ 2,000.00		
4	LIS NY State Beach Cleanup	American Littoral Society	D. Riepe		\$ 5,000.00	
5	Stewardship of Our Living Sound	Cornell Cooperative Extension Suffolk Co	S. Myers		\$ 5,000.00	
6	My Pet Protects Hempstead Harbor	Hempstead Harbor Protection Committee	E. Swenson	\$ 2,000.00		
7	Hempstead Harbor Public Ed & Outreach Program	Hempstead Harbor Protection Committee	E. Swenson		\$ 5,000.00	
8	Lower the Boom on Pollution	Village of Mamaroneck	J. Zappala		\$ 5,000.00	
9	Public Education: Storm Drain Marking	Town of Huntington	G. Huise		\$ 3,700.00	
10	Watershed Teach-In (Earth Day 2004)	New Rochelle High School	C. Glenn		\$ 2,000.00	
11	Buffer Regulations for Housatonic Estuary Towns	Housatonic Valley Association	E. Bella		\$ 5,000.00	
12	Saybrook Pt Riverfront Revit. Gardeners Landing	Fort Saybrook Monument Park Assoc	K. Meadows		\$ 1,200.00	
13	Glen Cove Beaches Clean Up	Glen Cove Beautification Commission	D. Stavredes		\$ 2,000.00	
14	National Estuaries Day Celebration	New Haven Land Trust	P. Kressmann	\$ 2,000.00		
15	Brantford River Project National Estuaries Day	Brantford River Project	M. Storm	\$ 1,300.00		
16	National Estuaries Day Celeb. at Waterfront Center	The Waterfront Center	A. Cross	\$ 2,000.00		
17	Fall Marsh/Beach/Island Cleanup and Restoration	Clean Sound Inc	J. Toth		\$ 4,500.00	
18	Exotic Species in LIS: Raising Awareness thru Ed	Connecticut Sea Grant	N. Balcom		\$ 8,864.00	
19	Maint. & Re-establishment of Diamondback Terrapins	Valley Stream Central HS	C. Mannino		\$ 5,000.00	
20	marine mammal and turtle sightings	Riverhead Foundation	R. DiGiovanni		\$ 5,000.00	
21	Water Quality Monitoring - CT River Museum	Wesleyan university	S. O'Connell		\$ 4,940.00	
22	Id & Management of Westchester Co Invasives	Westchester Co Dept Planning	D. Miller		\$ 5,000.00	\$ 9,277.50
23	Preserving the Sound	Village of Mamaroneck	L. Verrastro		\$ 5,000.00	
24	Where the City Meets the Sea	Sea Research Foundation	J. Bumpers		\$ 5,000.00	
25	State Heritage Park Riverside Interpretive Trail	Norwalk Redevelopment Agency	M. Moore		\$ 5,000.00	\$10,000.00
26	Solar Youth Inc	Solar Youth Inc	J. Sciuilli		\$ 5,000.00	
27	National Estuaries Day Stony Brook Harbor	Joint Village Coastal Commission	K. Engeliener	\$ 2,000.00		
28	Pollution Prevention in Your School	Citizens Environmental Research Institute	V. Kemeler		\$ 5,000.00	
29	Land Care in the Watershed	Bartlett Arboretum and Gardens	L. Cherichetti		\$ 5,000.00	
30	New Haven Harbor Cleanup	Yale University Peabody Museum	M. Donoghue		\$ 2,082.00	
31	Manhasset Bay Protection Committee	Town Of North Hempstead	J. Thalhauser		\$ 5,000.00	
32	Oysters: Ecology & How To Grow them	Cornell Cooperative Extension Suffolk Co	M. Patricia		\$ 4,456.00	
33	Four Steps to a Toxic Free Organic Lawn	Neighborhood Network	N. Lewis		\$ 5,000.00	
34	LIFE (LI Fish and Ecology Program)	N Amityville Housing Rehabilitation Assoc	D. Rotunda	\$ 1,938.00		
35	Senior Marine Ecology	SoundWaters	C. Schneider		\$ 5,000.00	
36	Silvermine River Indicator Bacteria	Earthplace	R. Harris		\$ 4,982.00	
37	Remote Sensing	Western Suffolk Boces	P. Walsh		\$ 4,869.00	
38	Marine Learning Boat	Northwest Park	K. Benton		\$ 5,000.00	
39	Sounds of the Sound	Our Lady of Mount Carmel School	C. Daniels		\$ 5,000.00	
40	2004 Shad Festival	Connecticut River Museum	B. Milkofsky		\$ 4,072.20	
41	Porphyra diets of Brown Trout & Black Sea Bass	Bridgeport Aquaculture School	J. Curtis		\$ 5,000.00	
42	SPAT Aquaculture Training	Stony Brook University	A. Topolovec		\$ 500.00	
43	Conservation of Diamondback Terrapins	Long Island University	M. Draud		\$ 5,000.00	
	TOTAL			\$ 13,238.00	\$149,301.20	\$28,141.50

AWARD WINNERS

Connecticut

Title: Branford River Project (National Estuaries Day project)

Project Design: The Branford River Project sponsors a river celebration with kayak and canoeing, sea chanteys, children's activities and educational displays. To explain the river's role as part of the Long Island Sound estuary the project will create and print a four panel map brochure of the river and its connection to the Sound highlighting spots of interest. Along with the brochure a display will be designed detailing the river and the habitats as well as the effects of nonpoint source pollution.

Organization: Branford River Project

Location of Project: Branford

Contact: Maria Storm

Address: PO Box 254, Branford, CT 06405

Phone: 203-481-5765

Web Site: None

LISS Funding: \$1,300

Title: Clean Sound Fall Marsh/Beach/Island Clean-up and Restoration

Project Design: Clean Sound will conduct six clean ups of salt marshes, beaches and island wildlife refuges between October and May in Norwalk, Milford, Stratford and Shelton. During spring and summer these sites are nesting areas. A boat will be used to transport people to the island for clean up.

Organization: Clean Sound Inc.

Location of Project: Norwalk, Milford, Stratford, and Shelton.

Contact: John Toth

Address: 20 Ojibwa Road, Shelton, CT 06484

Phone: 203-509-8876

Web Site: www.cleansound.org

LISS Funding: \$4,500

Title: Exotic Species in LIS: Raising Awareness through Education (invasive species project)

Project Design: Connecticut Sea Grant will develop a website, poster, and field cards to help control the introduction, spread, and impacts of invasive species. The project will identify the exotic species inhabiting the Long Island Sound, the pathways of marine invasive species and the effects on the ecology and/or economy that invasive species have. The project will help teachers and students (grades 5-12) learn more about local marine invasive species and provide access to educational resources. The field cards will help maritime industries minimize the cost and time spent dealing with biofouling invasive species.

Organization: University of CT/Connecticut Sea Grant

Location of Project: Connecticut

Contact: Nancy Balcom

Address: 438 Whitney Road Ext., Unit 1133, Storrs, CT 06269-1133

Phone: 860-405-9107

Web Site: www.osp.uconn.edu

LISS Funding: \$8,864

Title: Identifying Sources of Indicator Bacteria in the Silvermine River

Project Design: Harbor Watch/River Watch program at Earthplace (formerly the Nature Center of Environmental Activities in Westport) will continue a water quality monitoring study of the Silvermine River. The focus will be finding additional sources of indicator, enteric bacteria for remedial action. Research carried out in 2003 discovered major sources of bacterial input and has further identified areas for continued research. The sources are larger than originally anticipated and Earthplace is planning to walk the riverbanks taking samples as well as establishing permanent testing sites. As sources are identified they will push for remedial action.

Organization: Earthplace

Location of Project: Silvermine River, Norwalk

Contact: Richard Harris

Address: 10 Woodside Lane, Westport, CT 06880

Phone: 203-227-5937

Web Site: www.earthplace.org

LISS Funding: \$4,982

Title: Increasing the Number of Housatonic Estuary Towns with Protective Buffer Regulations

Project Design: The Housatonic Valley Association will be inventorying the five Housatonic River estuary municipalities – Stratford, Shelton, Derby, Orange, and Milford for buffer ordinances and regulations. A presentation will be developed and resources provided to communities regarding the importance of buffers. A buffer checklist and a list of suggestions for ordinances that could be adopted by local planning and zoning, inland wetland, and conservation commissions will be created. The goal is to improve municipal buffer regulations and the subsequent establishment of stream buffers to help address the problem of habitat loss and degradation of water quality due to current land use and development.

Organization: Housatonic Valley Association

Location of Project: Housatonic River Estuary

Contact: Elaine LaBella

Address: PO Box 28, Cornwall Bridge, CT 06754

Phone: 860.672.6678

Web Site: www.hvathewatershedgroup.org

LISS Funding: \$5,000

Title: Land Care in the Watershed

Project Design: The Arboretum plans to develop land care provider education programs designed to teach land care professionals and do-it yourselfers about gardening and lawn care techniques. The program's aim is to prevent nonpoint source pollution by teaching specific practices and actions to take to reduce the amount of runoff from properties they manage. Each land care company in Fairfield County will be contacted and education credits will be offered that can be applied toward recertification requirements by DEP licensing. Four lectures will be offered in September during the one day seminar.

Organization: Bartlett Arboretum and Gardens

Location of Project: Fairfield County

Contact: Lars Cherichetti

Address: 151 Brookdale Rd, Stamford, CT 06903

Phone: 203-322-6971

Web Site: bartlettarboretum.org

LISS Funding: \$5,000

Title: Neighborhood Steward Teams

Project Design: Neighborhood Steward Teams are community based after-school environmental education and action programs that provide urban youth with the knowledge, skills and motivation to address environmental problems in their community. During 2004 the program will expand to initiate eight steward teams, directly serve up to 90 youth from low-income neighborhoods, and perform at least 12 community service action projects. The teams will meet twice a week for two hours and are composed of 10 youth from grades 4 to 8. Local teenagers are trained and hired to assist with teaching and team leadership.

Organization: Solar Youth Inc.

Location of Project: New Haven

Contact: Joanne Sciulli

Address: 100-F Brookside Ave, New Haven, CT 06515

Phone: 203-387-4189

Web Site: www.solaryouth.com

LISS Funding: \$5,000

Title: 2004 New Haven Harbor and LIS Cleanup

Project Design: On April 24, 2004, the Peabody Museum of Natural History, along with local businesses and organizations, will sponsor a major cleanup effort at the beach and estuarine areas of Long Wharf Nature Preserve, the Quinnipiac and Mill Rivers, and the shoreline east of the Quinnipiac River. The event will start at Criscuolo Park where there will be tabling by various organizations and microscopes to aquatic life up close. The day will conclude with participants visiting the Peabody Museum.

Organization: Yale University – Peabody Museum

Location of Project: New Haven Harbor

Contact: Michael Donoghue

Address: Grants and Contracts, PO Box 208337, New Haven, CT 06520-8337

Phone: 203-432-3776

Web Site: www.yale.edu/grants

LISS Funding: \$2,082

Title: Senior Marine Ecology

Project Design: SoundWaters will continue senior research volunteer program with the local senior centers. Senior citizens will be recruited to volunteer and participate in activities at the SoundWaters center. The seniors will be involved in research projects as well as assisting in the environmental field trips for students in grades 4 to 8, assist with family events at the center, and staff the exhibit room at the center.

Organization: SoundWaters, Inc

Location of Project: Holly Pond Stamford CT

Contact: Carla Schneider

Address: 1281 Cove Road, Cove Island Park, Stamford, CT 06902

Phone: 203-323-1978

Web Site: www.soundwaters.org

LISS Funding: \$5,000

Title: Where the City Meets the Sea

Project Design: Where the City Meets the Sea is in its third year of offering free programs. The successful program is designed to help the people of Hartford understand their connection to Long Island Sound and how their actions have an impact on the estuary. The Mystic Education Center will provide classes on marine organisms and their habitat for 1300 school children in grades pre-K through 8, three teacher workshops, and three community events, all to foster greater appreciation for the Sound. Students will receive programs on the organisms that live in the Sound. Teachers will be provided with activities and materials for use in classrooms and the community will be provided with events, exhibits, videos and strengthening partnerships with various other Hartford organizations.

Organization: Sea Research Foundation

Location of Project: Hartford, CT

Contact: Joseph Bumpers

Address: 55 Coogan Blvd, Mystic, CT 06355

Phone: 860-572-5955

Web Site: www.mysticaquarium.org

LISS Funding: \$5,000

New York

Title: Conservation of Diamondback Terrapins

Project Design: This project will continue to increase public awareness of the diamondback terrapin through two public lectures and two public events as well as distributing a terrapin fact sheet and publishing papers, presenting posters and seminars at professional meetings. The students will conduct field research on nesting ecology and will also trap, seine net, snorkel, and SCUBA dive to track the terrapins as well as man a hotline. The turtles that are caught are tagged and several receive sonic tracking tags to study their daily movements. The health of the turtle has also been threatened by rodent and raccoon populations as well as traffic. A fence will be installed to designate a nature trail and create a safe zone for nesting turtles.

Organization: Long Island University, CW Post

Location of Project: Oyster Bay

Contact: Matthew Draud

Address: Biology, 720 Northern Blvd, Brookville, NY 11548-1300

Phone: 516-299-4154

Web Site: www.liu.edu

LISS Funding: \$5,000

Title: Long Island Sound component of 2004 NY State Beach Cleanup

Project Design: The American Littoral Society will coordinate the 2004 International Coastal Cleanup at beaches in New York State that affect Long Island Sound. Outreach will focus on grassroots environmental organizations, youth groups, students, and corporate volunteers who will be asked to document and remove debris from beaches and waterways, as well as to adopt a site for continued monitoring. Beverage containers will be separated into those with five cent deposit and those with out. This information will be used in the drive for a bigger and better bottle bill. Beach captains will receive information and supplies. Data collected will be used to devise strategies to combat marine pollution.

Organization: American Littoral Society

Location of Project: New York Long Island Sound Beaches

Contact: Don Riepe

Address: 28 West 9th Road, Broad Channel, NY 11693

Phone: 718-318-9344

Web Site: www.alsnyc.org

LISS Funding: \$5,000

Title: Manhasset Bay Shoreline Trail Program

Project Design: The program will continue with third graders with activities regarding water pollution in Long Island Sound through classroom lessons, nature walks, hands-on experiment, and post-trip experiments. This program will also be expanded in the Port Washington school to include fourth graders and enhance what they learned last year. Students will be learning about water pollution and road runoff, and they will discuss the origins of litter and take notes on the plant and animal species they see.

Organization: Residents for a More Beautiful Port Washington

Location of Project: Manhasset Bay, Port Washington

Contact: Jennifer Rimmer

Address: PO Box 864, Port Washington, NY 11050

Phone: 516-767-9151

Web Site: www.pwresidents.org

LISS Funding: \$5,000

Title: My Pet Protects Hempstead Harbor Campaign (National Estuaries Day event)

Project Design: Hempstead Harbor Protection Committee will kick off a “My Pet Protects Hempstead Harbor” Campaign on National Estuaries Day. The campaign will educate the public about the damage of pet waste on the harbor and provide a means to do something about it. The “Dogipot” pet waste disposal stations will be installed in key locations around the harbor each will have a waste bag dispenser, a trash receptacle for the filled bags and an educational sign. This will be a pilot program for possible expansion to the nine other municipalities on the committee.

Organization: Hempstead Harbor Protection Committee

Location of Project: Hempstead Harbor Watershed

Contact: Eric Swenson

Address: Village of Sea Cliff, Sea Cliff Ave, Sea Cliff, NY 11579

Phone: 516-677-5790

Web Site: None

LISS Funding: \$2,000

Title: National Estuaries Day Celebration at the Waterfront Center

Project Design: The Center and Kips Bay Boys and Girls Club (100 members ages 10-15 from the Bronx) and the Boys and Girls Club of Oyster Bay (approximately 12 to be facilitators) will participate in a National Estuaries Day Celebration. The event will include hands on educational activities like seining, touch tank; recreational activities like kayaking and sailing; and stewardship activities like a beach clean-up to excite students about the importance of estuaries. Kips Bay will receive a pre-trip lesson before coming to Oyster Bay.

Organization: The Waterfront Center

Location of Project: Oyster Bay

Contact: Amy Cross

Address: PO Box 187, Oyster Bay, NY 11771

Phone: 516-624-7900

Web Site: www.thewaterfrontcenter.org

LISS Funding: \$2,000

Title: National Estuaries Day Celebration

Project Design: Long Island Seaport and Eco Center (LISEC) will hold a Celebration for National Estuaries Day 2004 in Port Jefferson, Setauket, and Mt Sinai harbors. LISEC will host a variety of family activities in different locations. Events would include beach cleanup, shellfish restoration, creek and harbor walks, clamming, boat building, boat trips, fishing clinics and an evening seaside picnic with sea chanteys and story tellers.

Organization: Long Island Seaport and Eco Center

Location of Project: Port Jefferson Harbor

Contact: Kathleen O'Sullivan

Address: PO Box 750, Port Jefferson, NY 11777

Phone: 631-474-4725

Web Site: www.lisec.org

LISS Funding: \$2,000

Title: National Estuaries Day: Stony Brook Harbor

Project Design: The Joint Village Coastal Commission plans to expand Harbor Day into an environmental education festival with exhibits and continue the non-motorized boat paddle around Stony Brook Harbor. The Commission plans to work with other villages as well as local environmental organizations to encourage participation in National Estuaries Day

Organization: Joint Village Coastal Commission

Location of Project: Stony Brook Harbor

Contact: Kaylee Engellenner

Address: Nissequogue Village Hall, 631 Moriches Rd, St James, NY 11780

Phone: 631-584-6346

Web Site: www.harborday.net

LISS Funding: \$2,000

Title: Port Jefferson Harbor Shellfish Restoration Project

Project Design: The Long Island Seaport and Eco Center has retrofitted two floating docks into aquaculture platforms to grow and maintain 100,000 oysters and 3,500 scallops. LISEC has also been recording the growth, mortality, water temperature, and water visibility. Over the next 18 months the 500 cages will need bi-weekly gear change (involving cleaning cages and animals, counting, sorting, removal of predators, and re-caging). A strong volunteer base is needed for the maintenance. LISEC also will be expanding the web site to include this project, will provide articles in its newsletter, will create training materials for volunteers, and will provide materials for local schools on the project.

Organization: Long Island Seaport and Eco Center

Location of Project: Port Jefferson Harbor

Contact: Kathleen O'Sullivan

Address: PO Box 750, Port Jefferson, NY 11777

Phone: 631-474-4725

Web Site: www.lisec.org

LISS Funding: \$5,000

Title: Public Education: Storm Drain Marking Program

Project Design: The Town of Huntington will permanently mark 250 storm water collection structures with “duracast polyethylene storm drain markers” surrounding the bay complex. Each colored marker will read “No Dumping – Flows to Bays and Sound”. This project will be part of a town-wide public education and outreach program on storm water impacts. The town will provide schools, recreational enthusiasts, commercial/industry groups and the community at large with educational materials, pamphlets, booklets, displays, video tapes, website and public service announcements.

Location of Project: Huntington and Northport Bay Complex

Contact: Glen Hulse

Address: 100 Main St. Room 310, Huntington, NY 11743

Phone: 631-351-3192

Web Site: <http://town.huntington.ny.us>

LISS Funding: \$3,700

Title: Remote Sensing

Project Design: Students will use remote sensing to study the changes that have taken place along the shore line of the Sound in Sunken Meadow State Park as well as the tidal estuary within the park. Students will use archival photos from different eras in the Park’s history in order to understand the changes that have taken place to the watershed. After this classroom work students will proceed to the beach and the estuary, where they will inventory the flora and fauna using a transect line. Students will also seine and catalog the organisms found in the ecosystem. Students will use global positioning systems to mark their research locations so that the coordinates can be matched to the maps and aerial photos.

Organization: Western Suffolk BOCES

Location of Project: Sunken Meadow State Park

Contact: Peter Walsh

Address: 810 Meadow Road, Smithtown, NY 11730

Phone: 631-269-4343

Web Site: www.wsboces.org

LISS Funding: \$4,869

September 23, 2003
CAC Recommended Priorities
2004

VOTES	COMMENT
22	■ Dredging/disposal, i.e., Bridgeport Harbor
14	■ Long Island Sound Stewardship System
13	■ New York City nitrogen removal
8	■ Baseline monitoring of species
7	■ Assist volunteer organizations achieve QA/QC
4	■ Monitoring
2	– Fish, water quality, Nitrogen
2	– Ecological linkages
6	■ Research on fish, birds and critters
5	■ Improve legislation <i>advocacy</i> →
3	■ Assist NFPs and schools in ecological monitoring
3	■ Long-term nonpoint source
3	■ Providing resources/assisting decision makers — land trusts, land use commissions and local watershed groups
3	■ Focus on MS4/Phase II effort → municipalities
2	■ Identify “good” resources for information for public, and money to produce
2	■ Increase money to Long Island Sound Study efforts
1	■ Unify/coordinate standards for beach closings, shellfish, etc.
	■ Codify Signature species
	■ Research blue mussel disappearance
	■ Follow up on wetlands and Living Marine Resources conferences
	■ Beach closing standards

VOTES	COMMENT
	■ Fisheries regulations coordination
	■ Develop matrix of action
	■ DMMP
	■ Public perception survey
	■ Historical perspective of Long Island Sound
	■ Coastal development
	■ Population density

LISS 2004 Budget Priorities & Funding Sources		LISS Funding Sources				Other Funding Sources	
		LISS Base Program	LISS Research Grants	LISS Imp. & Infra. Grants	LISS Enhancement Grants	Other Federal Funds	Other State & Local, etc.
Program Priority Area	Lead Work Group or Responsible Agency						
1. Hypoxia							
a. Implement TMDL	CTDEP NYSDEC			x		x	x
i. Implement CT/NY nitrogen reduction program							
1. support trading				x		x	x
ii. Work with upstream states to establish targets	CT River WG	x					x
1. CT River Initiative							
a. Monitoring, SPARROW		x					x
b. Develop N strategy					x		
iii. Assess atmospheric deposition	EPA					x	x
1. N ₂ monitoring?						x	x
b. Reassess TMDL every five years	Nutrients WG						
i. Apply SWEM and compare to LIS 3.0				x			
ii. Apply model to additional years ('99,00,01,02)						x	
iii. Identify most sensitive model parameters and identify data needed to constrain predictions						x	
2. Water Quality							
c. Nominate NDZ	NYSDEC CTDEP					x	x
d. Decrease closed shellfish acreage				x			x
e. Decrease bathing beach closures				x			x
f. Update Contaminants of Concern list	LIS Fellows	x					
g. Review approach for fish consumption advisories	NY/CT DOHs						x
3. Dredged Material Management							
h. Designate LIS disposal sites	EPA					x	
4. Habitat Restoration							
i. Achieve habitat restoration goals	Habitat Team, NYSDEC, CTDEP	x				x	x
i. Update restoration map					x		
j. Map eelgrass beds		x				x	x
i. Decide on frequency of mapping					x		
ii. Develop management objectives					x		
k. Complete embayment benthic mapping		x					
l. Investigate tidal wetlands loss		x					
i. Incorporate results from wetlands conference		x					
ii. Establish SET tables		x					
5. Living Resources							
m. Lobster mortality	Lobster Steering Committee		x			x	x

LISS 2004 Budget Priorities & Funding Sources		LISS Funding Sources				Other Funding Sources	
		LISS Base Program	LISS Research Grants	LISS Imp. & Infra. Grants	LISS Enhancement Grants	Other Federal Funds	Other State & Local, etc.
Program Priority Area	Lead Work Group or Responsible Agency						
n. Develop invasive species list	LISFWS	x					
o. LIS Stewardship System strategy	STEWARDSHIP WG				x		x
i. Underwater component assessment					x		
ii. Pilot stewardship plans					x		
6. Nonpoint Source Management							
p. Expand local community-based watershed planning/build capacity	NPS WG					x	x
q. Map existing riparian buffer areas					x	x	x
r. Assess/restore riparian buffer areas					x	x	x
s. Identify impervious surface changes	UCONN	x					
7. Public Involvement and Education							
t. Report on state of the Sound and CCMP implementation progress	LISO	x					
i. Sound Health Biennial Report/LISS Biennial Report		x					
u. Support use of LIS curricula	Communications				x		
v. Increase understanding of LIS, issues, and LISS	Communications				x		
8. Monitoring		x					
w. Continue & refine LIS water quality monitoring	CTDEP/IEC	x				x	x
9. Compare benthic community structure to sediment and water quality; benthic index							
i. Enhance volunteer monitoring coordination	LISO				x		
10. Research and Assessment							
x. STAC research priorities							
i. Eutrophication	Eutrophication		x				
ii. Food Web	Food Web		x				
iii. SAVs	SAV		x				
iv. Tidal Wetlands	Tidal Wetlands		x				
11. Implementation Coordination, Evaluation, & Reporting							
y. Support local implementation efforts				x			
z. Implementation tracking	LISO	x					
aa. Load allocation tracking system combined with impervious surface	NPS WG	x			x	x	x
bb. Development/ use of environmental indicators for assessment and decision-making		x				x	
i. Evaluate existing set of indicators		x				x	
cc. Survey on public perceptions in LIS watershed	Communications				x		