Inland Bays Journal
NEWS FROM THE DELAWARE CENTER FOR THE INLAND BAYS

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The Delaware Inland Bays is one of the 28 “estuaries of national significance” in the National Estuary Program, a program established in 1987 to “identify, restore, and protect nationally significant estuaries of the United States.”

The Delaware Center for the Inland Bays, a non-profit organization created in 1994 by the Delaware General Assembly to oversee and facilitate the implementation of a long-term approach for the wise use and enhancement of the Inland Bays watershed working in four areas of mission—science and research, public policy, habitat restoration and education and outreach.

The center will forward recommendations for the Inland Bays, or to get involved as a volunteer or contributor, go to our website: www.inlandbays.org.

CIB calls for power plant upgrade
Board: State should protect, restore and enhance bay’s resources

The Center for the Inland Bay has adopted a resolution calling on the state to require a closed-cycle cooling system at the Indian River power plant. The facility’s three oldest generating units use once-through cooling water systems, but those systems kill millions of Inland Bays fish and crabs each year. Units 1 and 2 will be shut down by May 2011, but the third unit will not.

CIB to hold native plant sale May 3

The fourth annual Gardening for the Bays Native Plant Sale will be held from 9 a.m. to 1 p.m., Saturday, May 3, at the James Farm Ecological Preserve on Cedar Neck Road in Ocean View, sponsored by the Delaware Center for the Inland Bays.

The News Journal
Center for Inland Bays installs eelway in Sussex’s Betts Pond
American eels migrating upstream this winter will now have one less barrier to overcome when seeking fresh water in some of Delaware’s river bodies. Recently, the Delaware Center for Inland Bays installed an eelway below Betts Pond.

CIB places a resolution calling on the state to require a closed-cycle cooling system at the Indian River power plant. The facility’s three oldest generating units use once-through cooling water systems, but those systems kill millions of Inland Bays fish and crabs each year. Units 1 and 2 will be shut down by May 2011, but the third unit will not.

CIB, neighbors and developers work together on Futcher’s Pond restoration project
Birds, turtles return to hidden haven

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Change brings new challenges—more people, more cars, more roads, more parking lots, and... more pollution.

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But the headlines tell another story...

Citizens are concerned, they’re getting involved, and public officials are being challenged to work with citizens for better public policy to protect the unique landscape that is the Inland Bays Watershed.

We have no time to waste.

How can you help? Support our work to save our Inland Bays with your time, your talent, your skills, and your gifts.

Ed Lewandowski, Executive Director

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Delaware Center for the Inland Bays
Statements of Assets, Liabilities and Fund Balances–Cash Basis
September 30, 2008 and September 30, 2007

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<tr>
<td>Total Property and Equipment</td>
<td>1,276,681</td>
<td>1,216,655</td>
</tr>
</tbody>
</table>

Less: Accumulated depreciation
291,257 (234,845)

Total Property and Equipment
985,424 981,810

Other Assets
Endowment Fund 49,924 46,018

Fund Balances
$ 1,493,261  $ 1,533,038

LIABILITIES AND FUND BALANCES
Current Liabilities
Payroll taxes withheld 1,509 6,883
Total Current Liabilities 1,509 6,883

Fund Balances
Unrestricted - operating 425,966 463,419
Restricted - temporary 80,362 80,926
Restricted - fixed assets 985,424 981,810

1,491,752 1,526,155

$ 1,493,261  $ 1,533,038

Revenue
Private 4%
State 38% (Section 320)
Federal 58%
(Section 408)

Expenses
Education & Outreach 11%
Science Research 14%
Habitat Restoration 26%
Administration Operating 49%
Inland Bays Pollution Control Strategy Adopted

On October 15th, Governor Ruth Ann Minner and the Department of Natural Resources and Environmental Control (DNREC) Secretary John Hughes joined A CIB Board Chairman Richard Eakle at the Center to announce adoption of the regulations governing the pollution control strategy for Delaware’s Inland Bays. Many people in the community—citizens, farmers, business owners, builders, environmental leaders and others who served on the Tributary Action Team, committed countless hours working together to recommend strategies to reduce the amount of nitrogen and phosphorus entering the Inland Bays and their tributaries to levels required to meet water quality standards. “Today, we witness the long awaited passage of environmental protections and measures that will help us to realize our goal—a fishable and swimmable Inland Bays,” said Chairman Eakle.

CIB and Towns Work Together for the Bays

Dewey Beach: For the second year, the CIB partnered with the Dewey Beach Patrol, Envirotech Environmental Consulting, and the Delaware Division of Fish and Wildlife for the Sunset Park Environmental Educational Outreach Program—a hands-on day outdoors to learn about the native flora and fauna found in and around the Inland Bays. Free to the public, participants pulled seine nets, identified fish, learned about aquatic macro-invertebrates, studied horseshoe crab models, participated in a wetlands activity and identified mammals. A summer outreach to visitors to the Inland Bays watershed.

Bethany Beach: In 2007-2008, we were asked to tell the story of the Inland Bays by developing the concept and content for a state-of-the-art exhibit called an I-Wall at the Bethany Beach Environmental Center. This was our second opportunity to partner with the town at their Natter property, at 26 acres, the largest parcel of undeveloped land within the Town of Bethany Beach. In 2006, the Town of Bethany Beach was awarded a $5,000 grant from CIB to create the Natter Park Native Plant Demonstration Garden. Visitors can now view “The Inland Bays…A Delicate Strand” I-wall exhibit at the Bethany Beach Nature Center located on Rt. 26.

Millville: Millville is the first town to partner with the CIB in our new program to create “Town Hall Habitats” in the Inland Bays Watershed. This program informs and educates citizens about the link between their backyards and water quality in the Inland Bays. The Millville Town Hall Habitat incorporates a number of demonstration projects related to habitat restoration, storm water management and effective buffering of tributaries of the Inland Bays. Visitors to the town hall can see and obtain information about native plants, rain gardens and rain barrels and buffers.

South Bethany: This year, South Bethany continued to work with the CIB to develop a stormwater retrofit assessment for the Anchorage Canal Drainage Area, and to develop ordinances to address the effects of impervious surfaces and outdoor showers on the water quality in its canals on Little Assawoman Bay. With assistance from the CIB, the University of Delaware, and DNREC, they also worked to create and implement a town water quality monitoring program. The town partnered with the CIB to distribute free rain barrel kits to citizens.

Change of Climate on Climate Change

Scientists are working to determine the impact of climate change on the nation’s estuaries to assess the effect of increases in temperature, sea level rise, and changes in weather patterns due to global warming. The CIB has partnered with DNREC Wetlands Assessment and Monitoring Program and the Delaware Coastal Program to install a continuous marsh monitoring system that will provide long term data on saltmarsh water levels and determine if marshes are maintaining their elevations in the face of rising sea level. A new study will attempt to relate changes in marsh condition and acreage to sea level rise.
Volunteers Honored at Annual Fall Celebration

On October 23, about fifty volunteers gathered for hors d’oeuvres and happy hour beverages at our annual “Volunteers for the Bays” celebration and were recognized for the thousands of hours of work they gave in support of the CIB mission. Ten volunteers were recognized for their exceptional contributions in 2008: CAC chair, Ron Wuslich, for his leadership; CAC Vice Chair, Carol Bason, for her work on public policy issues; CAC Outreach Committee Chair, Val Cloutier, for leading this committee in its first year; Peggy Hepburn and Charlie Davis, for their work on restoration and demonstration projects and on Schoolyard Habitats; Cathy and Tom Greco, our “New Volunteers of the Year;” Ted and Lynn Bowen, for going on the road for the CIB to distribute our Inland Bays Journal; and, Bob Collins, our 2005 “Friend of the Bays” for being a Friend of the Bays every year. Executive Director, Ed Lewandowski thanked our (volunteer) Volunteer Coordinator, Pat Drizd. “for always keeping her paddle in the water for the CIB.”

Diverse Funding Partners Make Watershed-Wide Projects Possible

$35,000 Chichester Dupont Foundation: To build capacity for the expansion of the Inland Bays Schoolyard Habitat Program. Five habitats have been completed; two schoolyard habitats were created this year; at East Millsboro Elementary School and at Indian River High School in Dagsboro.

$10,000 Sussex County: For operation and maintenance of the James Farm Ecological Preserve: James Farm is 150 acres of preserved habitat on Cedar Neck in Ocean View. Owned by the county and managed by the CIB, each year 1,000 middle school students from Indian River School District spend a day at the Farm learning about food webs, the health of the bays, wetlands and watersheds.

$7,500 Delaware Forest Service: To support the Urban and Community Forestry Program.

$5,000 Carl M. Freeman Communities: To support CIB operations.

This year, the CIB hired a full time Development Coordinator to lead fundraising efforts and broaden the base of financial support to ensure that the Center can continue to carry out its mission.

CIB Weighs in on the Update of the Sussex County Comprehensive Plan

The CIB staff and Citizens Advisory Committee, with support from other conservation organizations in the watershed, worked with the County Council, its consultants, the Planning and Zoning Department and the County Administration to strengthen protection of the Inland Bays watershed in the update of the Sussex County Comprehensive Plan. The Center hosted a number of public meetings, provided public comments during workshops and hearings, and recommended conservation strategies for the County’s consideration. The Center plans to continue to work closely with the county on public policy issues affecting water quality.

Citizens Advisory Committee Tackles Issues Affecting the Inland Bays

The Citizens Advisory Committee has become an important voice in support of the Inland Bays. A public policy committee was established to identify stakeholder concerns and recommend action, and an outreach committee was formed to assist with informing and educating citizens on watershed issues. In September, the Citizens’ Advisory Committee brought a resolution to the CIB Board regarding NRG’s permit request for approval of a Phase 2 Coal Ash Landfill at its Indian River Generating Station in Millsboro. And in December, CAC approved a resolution regarding NRG’s use of “once-through” cooling water at the Indian River Generating Station and presented it to the Board. Under strong leadership, membership has expanded, and has brought together a diverse group of citizens with skills and experience to identify and work on issues affecting the Inland Bays.
The CIB benefits from many partnerships that provide resources to support our work. We would like to thank everyone who assisted us in 2008 through grants, event sponsorships and individual donations.

Grants and Contracts
American Society of Agronomy Certified Crop Advisor Program
The Chichester DuPont Foundation
Conectiv Energy
Delaware Department of Agriculture, Forestry Department
Delaware Department of Agriculture, Nutrient Management Program
Delaware Department of Natural Resources, Division of Water Resources
Delaware Department of Natural Resources and Environmental Control
Delaware Department of Transportation
Delaware Water Resources Center and Institute of Environmental Quality
Delaware State University
Delmarva Atlantic Watershed Network
Fenwick Island Town Hall
Natural Resources Conservation Service
Sierra Club, Southern Delaware Group
Sussex County Council
Town of South Bethany
U.S. Army Corps of Engineers – Philadelphia District
U.S. Department of Agriculture Natural Resources Conservation Services (NRCS) to fund 75 percent of the project, or $1,500 through the Wildlife Habitat Incentives Program.

Event Sponsors
A.C. Schultes of Delaware, Inc.
Artesian Water Company
Baker Petroleum
Conectiv Energy
Don White & Pat Campbell-White RE/MAX BEACHTEAM, Rehoboth Beach
Duffield Associates, Inc.
Eagle Construction Group, Inc.
Entrix Environmental Consultants
Evans Builders, Inc.
JCM Environmental, Inc.
Ocean Atlantic Management
Rosemark DesignBuild
South Bethany Property Owners Association
Tidewater Utilities, Inc.

$500 and up
Lisa Aramony
John Bator
Carl M. Freeman Communities-Bayside
Dr. Cynthia Flynn and Deirdre Boyle

Delaware Nutrient Management
Dewey Beach Lions Club
Ann Ludwig and David Dotzert

$250-$499
Elizabeth Carl
Edgar A. Thronson Foundation
Edward D. Harner
John Kramer
James and Janice Perdue
James C. Mankin
Edward Seyfried

$150-$249
Mary Appollina and Pamela Petill
William C. Clarke
Robert Crim
Delaware Municipal Clerks Association
Kevin Donnelly
Richard E. Fisher
Robert N. and Trish Gable
Mr. and Mrs. Gerald W. Hocker Sr.
William Janson
Diane J. Kane
Tye W. Shultz and Martha Dobson
Nancy Steckel
Jack and Maggie Tarburton
Norine and George Watson
Bob Williams

$75-$149
Lynn and David Andrews
Richard and Dorothy Appleby
Bay View Park Association
Bethany-Fenwick Chamber of Commerce
Barry and Graham Boone
R.L. and Betty Carnahan
Glenn Christman
Val and Robert Cloutier
David and Pat Coll
Joseph and Joann Conaway
Beverly Corelle
Ann P. Couzens
Kenneth Currier
Allan and Denise Curtis
David M. and Linda B. Davidson
Daniel Dotzert
Pat and Terry Drizd
Linda Fern
Margaret Forbes
F. Gregory Gause
Hal Godwin
Robert Hastings
Michael and Cynthia Headman
Edward and Betsy Henifin
Gary and Barbara Jayne
Michael Johnson
James and Patricia Kennedy
The Kiker Family
Mark Koppelman
Edward and Barbara Lewandowski
Barbara and Joel Lifflander
Rachel and Orval Lovett
Mary Perkins and Kenneth Hooker
Larry and Sally Persa
Graham and Nancy Purchase
Marlene and Mike Quinn
Rehoboth Bay Foundation
Michael Riccitelli and Christine Farnandis
Tom Robinson
Robert Rosenberg and Martha D’Erasmo
Thomas A. Roth
Thomas and Felicetta Ryan
Nancy Sager
Robert Schumm
Joanne Shippy
Sussex Conservation District
Michael and Donna Thomas
Glen T. Urqhart
David Vineberg

CIB staff install an eelway at Betts Pond.
The center will forward the resolution to the office of Gov.-elect Jack Markell, the state Legislature and the Department of Natural Resources and Environmental Control (DNREC).

The facility’s three oldest generating units use one-through cooling water systems, but those systems kill millions of Inland Bays fish and crabs each year. Units 1 and 2 will be shut down by May 2011, but unit 3, which can draw in as many as 175 million gallons of water per day, will continue to operate.

Lewes Farmers Market…several towns in the watershed have started farmers markets and have invited the CIB to participate; the Citizens’ Advisory Committee Outreach Committee took the CIB exhibit to the Rehoboth Farmers Market in September.
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- Private 4%
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- Federal 58%
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- Science & Research 14%
- Habitat Restoration 26%

**Expenses**

- Administration/Operating 49%

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Center for Inland Bays presents buffer recommendations for the Inland Bays

By Leah Hoenen

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