

Center for Inland Bays presents buffer recommendations for the Inland Bays

By Leah Hoenen

State environmental officials have unveiled a revised

buffers provide a more complex watershed system that

Cape Gazette

CIB calls for power plant upgrade

Board: State should protect, restore and
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.

(DNREC), and decreasing the potential for fish kills.

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



Coastal Point

The Local Voice of YOUR Community

GARDEN & FARM

CIB to hold native plant sale May 3

The fourth annual Gardening for the Bays Native Plant Sale will be held

sponsored by the Delaware Center for the Inland Bays

And, new this year, Bethany

early this

1 p.m.
3, at t
Ecolog
on Cec
in Ocea

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 cross when seeking

CIB placed a

Pond, and able to pass findings, allow eel team. The tment of ervation t of the e Habi-second

CIB, neighbors and developers work together on Fatcher's Pond restoration project

Birds, turtles return to hidden haven
By Ron MacArthur

Residents have always enjoyed the wildlife and beauty of Fatcher's Pond. Hidden from view of passersby, it's right outside the back doors of many people who

The volunteer labor, of at least 250 hours, served as the matching money of \$4,500 needed to obtain the grant.

With permissions from the developer and assistance from Guardian Property Management,

Board of Directors

Mr. Richard Eakle, *Chair*
Appointee of the President Pro Tem of the Delaware Senate

Ms. Pat Campbell-White, *Vice-chair*
Appointee of the Speaker of the Delaware House of Representatives

Mr. Ron Wuslich, *Secretary*
Citizens Advisory Committee

Dr. William McGowan, *Treasurer*
Sussex Conservation District

Mr. David Baker
Sussex County Administrator

Dr. Sergio Huerta
Scientific and Technical Advisory Committee

Secretary John Hughes
Delaware Department of Natural Resources and Environmental Control

Secretary Michael Scuse
Delaware Department of Agriculture

Ms. Dell Tush
Sussex County Association of Towns

Mr. Ed Ambrogio (*Ex-officio*)
U.S. Environmental Protection Agency

CIB Staff

Mr. Edward Lewandowski, *Executive Director*

Mr. James Alderman, *Restoration Coordinator*

Mr. Chris Bason, *Science & Technical Coordinator*

Ms. Sally Boswell, *Education & Outreach Coordinator*

Mr. Eric Buehl, *Habitat Coordinator*

Mr. E.J. Chalabala, *Wildlife Manager*

Ms. Jennifer Jones, *Development Coordinator*

Ms. Loretta Smith, *Administrative Assistant*

Ms. Pat Drizd, *Volunteer Coordinator (volunteer)*

You can see it in the headlines...

The landscape has changed in the Inland Bays Watershed.

Once mostly agricultural, the last decade has brought intense development to the watershed, as people seek to live close to the beautiful waters and marshlands that are the Inland Bays.

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

The work to restore and protect water quality in the Inland Bays has taken a new turn and at a pace that is daunting.

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*



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.



with the town at their Natter Park 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.

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

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 rainbarrel 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 plant the demonstration rain garden at Millville Town Hall.

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.*



Students at Indian River High School in Dagsboro plant their wetland at their new Schoolyard Habitat.

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 – Forest Service
- U.S. Environmental Protection Agency
- U.S. Department of Agriculture
- University of Delaware College of Agriculture and Natural Resources
- University of Delaware Sea Grant College 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 Boose
- 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
- Allen 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'Erasmus
- Thomas A. Roth
- Thomas and Felicetta Ryan
- Nancy Sager
- Robert Schumm
- Joanne Shipley
- Sussex Conservation District
- Michael and Donna Thomas
- Glen T. Urquhart
- David Vineberg



CIB staff install an eelway at Betts Pond.

Up to \$75

Jennifer Adkins
Scott Aijo
Allan Allenspack
Colin and Elizabeth Anolick
Tom and Carol Bason
Chris Bason and Chantal Bouchard
James and Frances Bazzoli
Frank and Marlene Bell
bluegreen
John and Mary Bergquist
Bethany Beach Gardens
Mary Lou Bisktop
Sally Boswell
Lawrence A. Brown
Lisa and Eric Buehl
Donna and John Buono
David and Melinda Campbell
Angelo Caputo
Beverly Castner
Edward Chalabala Jr.
Edward and Adele Chalabala
Chris Clark
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Robert Gross
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Nancy H. and William Harrison
Keith and Cathy Hartung
Jay and Mary Headman
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Jacobsen Builders, Inc.
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Harold and Jean Talley
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Jan and Greg Thompson
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Shuli Tor
Rosalind H. Troupin
William Ullman
Gainor Urian
Martha Van Artsdalen
Eleanor D. Vansant
Ralph Willey
Ron and Mary Wuslich
Alan and Marilyn Zuckerman



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.



Delaware Center for the Inland Bays

Statements of Assets, Liabilities and Fund Balances—Cash Basis
September 30, 2008 and September 30, 2007

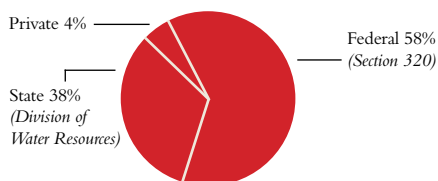
ASSETS

Current Assets	2008	2007
Cash in bank - operating	\$ 427,475	\$ 470,302
Cash in bank - restricted	30,438	34,908
Total Current Assets	457,913	505,210
Property and Equipment		
Building	872,508	812,482
Furniture and equipment	404,173	404,173
	1,276,681	1,216,655
Less: Accumulated depreciation	(291,257)	(234,845)
Total Property and Equipment	985,424	981,810
Other Assets		
Delaware Community Foundation		
Endowment Fund	49,924	46,018
	\$ 1,493,261	\$ 1,533,038

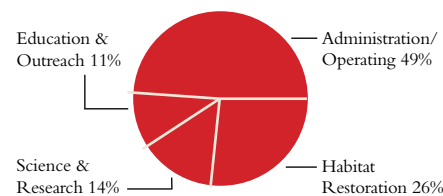
LIABILITIES AND FUND BALANCES

Current Liabilities	2008	2007
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

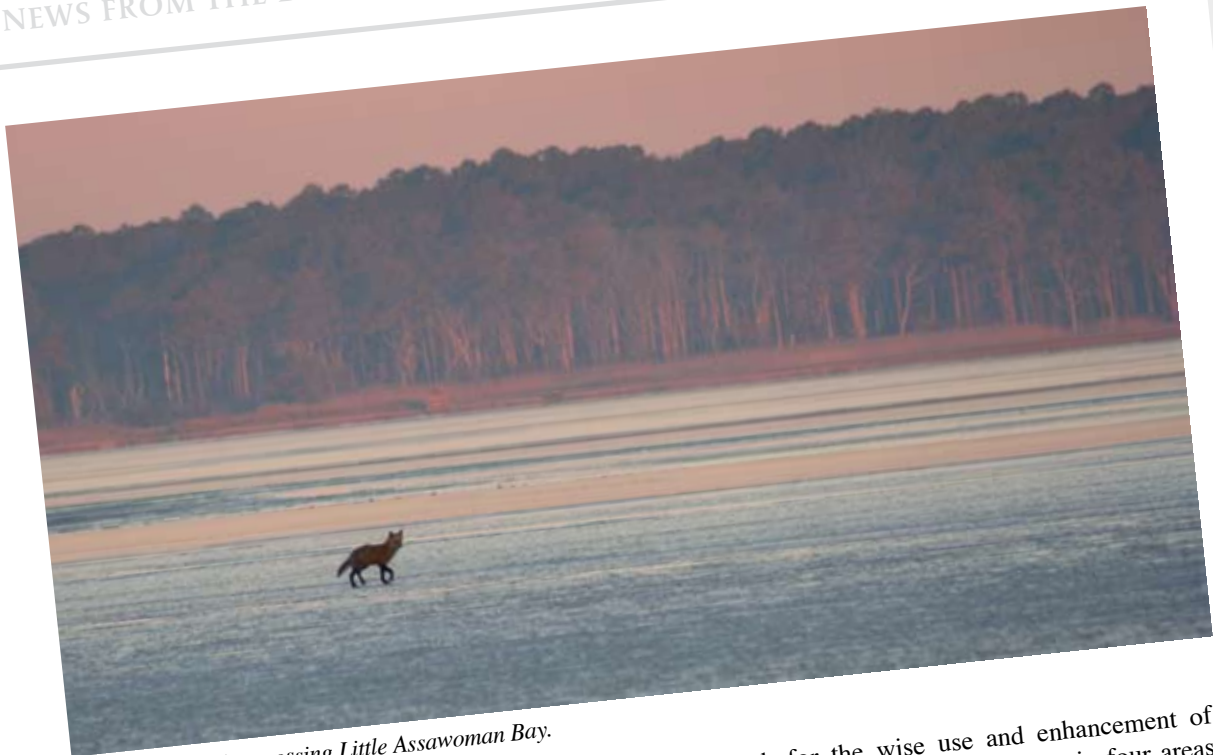


Expenses



Inland Bays Journal

NEWS FROM THE DELAWARE CENTER FOR THE INLAND BAYS



Red fox on the ice crossing Little Assawoman Bay.

The Delaware Inland Bays estuary 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, is 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.

For more information on the work of the Center for the Inland Bays, or to get involved as a volunteer or contributor, go to our website: www.inlandbays.org.

DELAWARE



Limulus polyphemus

39375 Inlet Road, Rehoboth, DE 19971

CENTER FOR THE INLAND BAYS
Rehoboth Indian River Little Assawoman

302-226-8105

www.inlandbays.org