What is a CCMP?

US Congress establishes

the National Estuary

the National Estuary

Program.

1987

In the simplest of terms, a CCMP is a roadmap for protecting and restoring the estuary, developed through the collaborative efforts of various agencies and groups. Every NEP must develop and implement a CCMP. All of the Center's work is linked to actions identified in the Inland Bavs CCMP.

Much was done to ensure that the original CCMP reflected the public interest, noting the importance of identifying actions "directly linked to the needs of people living, working, and playing in the watershed. Subsequent addendums and updates to the CCMP carried forward this intention, with a diverse group of partners and the public engaged through surveys, workshops, and public forums. The Inland Bays CCMP was last revised in 2021.

Program via section 320 of the Clean Water Act. **Environmental Study** Governor Michael of Rehoboth, Indian N. Castle nominates River, and Assawoman the Inland Bays to Bays commissioned by

Center for the Inland Bavs established as an

independent nonprofit by the Delaware **General Assembly** and then-Governor, Tom Carper, via the **Inland Bays Watershed Enhancement Act.**

1994

Total Maximum Daily Loads (TMDLs) for nitrogen and phosphorus established for Indian River, Indian River Bay, and Rehoboth Bay.

Inland Bays Tributary Action Team formed, representing the beginning of Volunteers for the Bays.

The Center assumes management of the James Farm Ecological Preserve through partnership with Sussex County.

1998



Bob Collins, winner of 2005 Friend of the Bays award and now Manager of Programs and Facilities, pictured in 2004.



Education Programs begin at James Farm Ecological Preserve.

2000

Inaugural "Gardening for the Bays" Native Plant Sale held.

Volunteer Bob Collins wins "Friend of the Bays" Award.

TMDLs established for

inform the plan. Little Assawoman Bay and the major tributaries Salt Marsh Monitoring of the Inland Bays. program launched.

2006

Photo by John Hoyt

Horseshoe Crab Survey

DNREC develops the

Inland Bays Pollution

Bays Tributary Action

by the Center helped

gather public input to

Teams coordinated

2008

Control Strategy. Inland

Launched



Addendum to the Inland Bays CCMP completed.

Inland Bays Shellfish Aquaculture Tiger Team established to consider the opportunities and challenges of allowing commercial shellfish aquaculture in the Inland Bays.

2012



Statewide Living **Shoreline Committee** convened to promote and facilitate the use of living shoreline practices along Delaware's waterways.

Don't Chuck Your Shucks (oyster shell recycling) program created.

Master Plan for the James Farm Ecological Preserve completed.

2014

2016 State of the Delaware Inland Bays report finds that water quality in the Inland Bays remains fair to poor, though Little Assawoman Bay and open waters near the

inlet are showing some

improvements

37 acres of former cropland reforested at Bullseve-Ferry Landing Preserve in partnership with Austin (Pete) Okie, The Nature Conservancy in Delaware and DNREC Division of Parks and Recreation.

2016



Ribbon cutting ceremony for the Rehoboth Beach ocean outfall, which marked the removal of the last point source to the Inland Bays

Watershed Reforestation Plan for the Inland Bays developed in partnership with Sussex Conservation District.

Last point source of pollution removed from the Inland Bays.

Implementation of the James Farm Ecological Master Plan begins with Phase I groundbreaking.

2018



2021

A record 15 fish kills occur, indicating that water quality challenges in the Bays persist and progress on pollution control is stalling.





2021 State of the Delaware Inland Bays assigns the waters of the Inland Bays a "Poor" or "D" rating, the same as the 2016 report.

2023

1969 State of Delaware

Governor Russell W.

Peterson.

designates the Inland Bays and their tributaries as waters of Exceptional Recreation or Ecological Significance (ERES).

1985

Inland Bays officially designated as a National Estuary Program.

1988

The first Comprehensive Conservation and Management Plan (CCMP) for Delaware's Inland Bays submitted to Governor Tom Carper and the US **Environmental Protection** Agency.

1995

Delaware Nutrient Management Program established by the Delaware General Assembly to reduce nutrient pollution from farmland.

1999

Newly elected Governor Ruth Ann Minner performs her inaugural



Photo credit: Ron MacArthur

Indian River Inlet.

2005

Sudden marsh dieback affects 40% of salt marshes in the Inland Bays.

2011

2011 State of the

mixed.

identified.

Delaware Inland Bays

report characterizes the

trends in bay health as

Inshore Fish and Blue

the late Ron Kernehan,

volunteer fish biologist.

47 species of fish were

Crab Survey launched by

Ron Kernehan (right) launched the Inshore Fish and Blue Crab Survey in 2011

Delaware Aquaculture Act signed into law by Governor Jack A. Markell, permitting shellfish aquaculture in

2013



First Living Shoreline Demonstration Project completed on Loop Canal in Bethany Beach.

2015



formed. First leases for shellfish aquaculture in the Inland Bays issued.

Wastewater treatment

system at Mountaire's

Millsboro facility fails.

Ad hoc Committee on

Mountaire Pollution

2017

First successful acquisition coordinated by the Sussex Conservation Partnership on Ware Cove Road near Piney Point.

2020

Terrapin Survey launched.

Continuous Water Quality Monitoring program launched.



Water Quality Monitoring



of the Delaware Inland Bays report finds that the Inland Bays support \$4.5 billion in economic activity each year.

The Economic Value

2022

Delaware Botanic Gardens Living Shoreline receives Best Restored Shores Awards from the American Shore and Beach Preservation Association.

with DNREC's Water Family Fest, adding a suite of environmental exhibitors, educational tours, and hands-on activities to the beloved community event.

Implementation of the James Farm Ecological Master Plan continues with Phase II construction.

2024



Native Plant Sale merges Delaware Botanic Gardens Living Shoreline

Volunteers for the Bays

the years wouldn't be possible without their help.

In 1998, citizens from all parts of the watershed formed the Tributary Action Team and worked or years to develop Pollution Control Strategies or the Inland Bays. Since then, thousands of Center volunteers have given countless hours to participatory science, outreach and education efforts, shoreline and habitat restoration projects, management of the James Farm, service on committees and the Board of Directors, and so much more. Many of the Center's major accomplishments over

Wade-In in Rehoboth Bay to raise awareness for the Inland Bays.

2001

The Center relocates into a new facility on the

Inaugural Decked Out fundraiser held.

> Slough's Gut, adjacent to James Farm Ecological Preserve, restored with meandering tidal creeks, mudflats, and pools to benefit wildlife.



The Center's office before renovation.

