

BIG-C

Barrier Islands Governmental Council

*Belleair Beach
Belleair Shore
Clearwater
Indian Rocks Beach
Indian Shores
Madeira Beach*



*North Redington Beach
Redington Beach
Redington Shores
St. Pete Beach
Treasure Island*

**Town of Redington Shores BIG C Meeting
Wednesday, January 25, 2023, 9:00 a.m.
Madeira Beach City Hall, 300 Municipal Drive, Madeira Beach, FL 33708**

- 1. Pledge of Allegiance**
- 2. Roll Call**
- 3. Changes to the Agenda and Approval**
- 4. Approval of Minutes**
 - Minutes for the Town of Indian Shores December 7, 2022, BIG-C Meeting (Pgs. 1-5)
- 5. Approval of the November and December 2022 Treasurer's Reports (Pgs.6-7)**
- 6. Correspondence**
- 7. New Business**
 - Guest Speaker Peter Clark, President & Founder, Tampa Bay Watch – “The historical problems in Tampa Bay and economic benefits” (Pgs. 8-48)
- 8. Old Business**
- 9. Discussion Items**
 - “County Beach Lighting Regulation” by Dr. John Bishop
 - BIG C Officer's length of term
- 10. Legislative Update**
- 11. City Events**
- 12. Adjournment**

NEXT MEETING

Wednesday, February 22, 2023, 9:00 A.M.
Hosted by the Town of North Redington Beach
Location: Madeira Beach City Hall | 300 Municipal Drive | Madeira Beach FL 33708

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Town of Indian Shores BIG C Meeting Minutes
Wednesday, December 7, 2022, 9:00 a.m.
Indian Shores Town Hall, 19305 Gulf Boulevard, Indian
Shores, FL 33785

1. Pledge of Allegiance

The BIG C meeting was called to order by President Mayor Alan Johnson at 9:00 A.M., followed by the Pledge of Allegiance.

2. Roll Call

BIG C Representatives:

Mayor Dave Gattis	City of Belleair Beach
Councilmember Lina Teixeira	City of Clearwater
Vice Mayor Diantha Schear (present for Mayor Patrick C. Soranno)	Town of Indian Shores
Vice Mayor Doug Andrews	City of Madeira Beach
Mayor Bill Queen	Town of North Redington Beach
Mayor David Will	Town of Redington Beach
Mayor MaryBeth Henderson, BIG C Vice President	Town of Redington Shores
Mayor Alan Johnson, BIG C President	City of St. Pete Beach
Mayor Tyler Payne	City of Treasure Island

Absent

Mayor Bob Schmidt, Town of Belleair Shore
Mayor Joanne "Cookie" Kennedy, BIG C Treasurer and Secretary, City of Indian Rocks Beach

Guest Speaker:

Scott Dudley, Executive Director, Florida League of Mayors

Also Present from Sign-in Sheets:

Mike Zabel, Councilmember	City of Belleair Beach
Rita Swope, Resident	City of Belleair Beach
Belinda Livingstone, Council Member	City of Belleair Beach
Becky Burgess, Resident	City of Belleair Beach
John Pfanstiehl, Resident	City of Indian Rocks Beach
Kelly Asanik, Citizen	City of Indian Rocks Beach
Robin I. Gomez, City Manager	City of Madeira Beach
Rita Bishop, Executive Assistant	City of St. Pete Beach
Teri D. Lawson, Commercial Realtor	Coldwell Banker
Sandra Knoebel-Peeples, Planner	Forward Pinellas
Cassidy Mueller, Chief Financial Officer for State Fire Marshal Jimmy Patronis	MyFloridaCFO
Zach Westfall, Coastal Management	Pinellas County
Ashley Johnson, Communications Coordinator	Pinellas County
John Bishop, Coastal Management Coordinator	Pinellas County
Dawn Peters, School Board Member	Pinellas County
Jeff Davidson, Fire Chief	Pinellas Suncoast Fire & Rescue District (PSFRD)
John Mortellite II, Deputy Fire Chief	PSFRD
Larry Schear, Fire Commissioner	PSFRD
Jessica Morrow, Marketing	Tampa Bay Beaches Chamber of Commerce
Barbara Colucci, Clerk/Treasurer	Town Belleair Shore
Cinda Krouk, District 2 Commissioner	Town of Redington Shores
Bill Krajewski, District 4 Commissioner	Town of Redington Shores
Jeff Shoobridge, Town Administrator	Town of Redington Shores
Barry Rubin, Pres. CEO	Treasure Island & Madeira Beach Chamber of Commerce (TIMB)
C. Cullbert	TIMB Chamber
Bonnie Dhonau, Town Administrator	Town of Indian Shores
Mike Hackerson, Councilor	Town of Indian Shores
Jenna Byrne, President	Water Warrior Alliance
Tim and Gina Johnson, Owners	Waterfront Realty
Chelsea Miller, Realtor	Waterfront Realty
Erik Willoughby, Realtor	Waterfront Realty
Kylyn Collins, Realtor	Waterfront Realty

3. Changes to the Agenda and Approval

Motion by Mayor Henderson – seconded by **Vice Mayor Schear** to approve the December 7, 2022, BIG C meeting agenda. **All ayes. Motion Carried 9-0.**

4. Approval of Minutes

- **Minutes for the Town of Belleair Shores October 26, 2022, BIG-C Meeting.**

Motion by Mayor Queen – seconded by **Councilmember Teixeira** to approve the meeting minutes of October 26, 2022. **All ayes. Motion Carried 9-0.**

5. Approval of the October 2022 Treasurer's Reports

Mayor Johnson presented the Treasurer's Report in Mayor Kennedy's absence. October 2022's opening balance was \$1,672.59. After receiving a \$100.00 assessment fee from the Town of Belleair Shore and a disbursement of \$266.67 to Digital Eel, the ending balance for the month was \$1,506.02.

Motion by **Mayor Queen** – seconded by **Mayor Henderson** to approve the October 2022 Treasurer's Report. **All ayes. Motion Carried 9-0.**

6. Correspondence

- **Forward Pinellas Board Workshop Invitation 12/14/2022 (Pgs. 6-7)**
[Forward Pinellas Board Workshop Tickets, Wed, Dec 14, 2022 at 1:00 PM | Eventbrite](#)

Mayor Johnson announced that the Forward Pinellas Board invited the BIG C Representatives to a Workshop scheduled on December 14, 2022. He will attend the workshop. He added that he is the incoming BIG C Representative on the Board in place of Mayor Kennedy, who has completed her term.

7. New Business

- **Consideration of the Tentative 2023 BIG C Meeting Schedule (Revised)**

The revised tentative BIG C meeting schedule for 2023 was presented. Any scheduling or venue changes that may develop in the future will be addressed as necessary.

- **Guest Speaker Scott Dudley, Executive Director, Florida League of Mayors – What Happened? Understanding the Impacts of the 2022 Elections and What It Means for the 2023 Session.**

Mr. Dudley gave his presentation on the 2022 Midterm General Election impacts touching on the following events:

- Typical off-year dynamics including off-year elections, the economy, voter registration, party enthusiasm, campaign money, quality of candidates, reapportionment, and unknown factors.
- Factors not anticipated were negative effect of election denialism, "Trumpism", abortion, youth vote, and candidate quality.
- Factors that impacted Florida included voters moving to areas of the same party majority choice, election denialism, abortion, money, and the former president.
- The numbers for the Hispanic Community show that voter registration is down.
- Mr. Dudley provided percentages of Democrat and Republican seats currently in the U.S. and Florida House and Senate.
- He mentioned the subject of unfunded mandates that imposes a cost or takes away revenue from a local government.

Mr. Dudley concluded his presentation with a brief question and answer session.

Conversation ensued regarding open primaries, governor's veto power with unfunded mandates, home-based businesses and zoning, vacation rentals, and citizens meeting state and local representatives to voice concerns over issues such as short-term rentals.

8. Old Business

Many people ask what the BIG C does. Mayor Queen provided the following BIG C accomplishments over the last 20 years:

- Worked with the Florida Department of Transportation (FDOT) to reduce the speed limit on Gulf Boulevard from 40 to 35 miles an hour.
- Worked with FDOT to establish consistent crosswalks on Gulf Boulevard.
- Lobbied against oil drilling off the coast of our beaches.
- Work with the Army Corps of Engineers for beach renourishments for 20 years.
- Worked with the state on the Horizon oil spill in the Gulf and reparations to businesses lost as a result.
- Worked with Clearwater Marine Aquarium on turtle protection.
- Opposed Florida legislation of short-term rentals and Home Rule erosion.
- Supported waterborne transportation in the beaches in the Bay Area.
- Established the hurricane re-entry program with the Pinellas County Sheriff's Office.
- Worked with Pinellas County on red tide and fish kills.
- Obtained \$70 million over a 15-year program for Gulf Boulevard Beautification and undergrounding utilities.

The above list of accomplishments will be posted on the BIG C website.

9. Discussion Items

None.

10. Legislative Update

Cassidy Mueller, Chief Financial Officer for the office of State Fire Marshal Jimmy Patronis, advised the meeting attendees to contact her with questions or help with regards to unclaimed property and or insurance regulations.

Mayor Queen and **Mayor Gattis** advised the citizens to take back their power by expressing to their legislators that they should represent and listen to the constituents, not the party.

11. City Events

The BIG C Representatives listed their city's upcoming December Holiday events and wished everyone Happy Holidays.

12. The Meeting adjourned at 10:00 A.M.

NEXT MEETING

Wednesday, January 25, 2022, 9:00 A.M.

Hosted by the Town of Redington Shores

Location: Madeira Beach City Hall | 300 Municipal Drive | Madeira Beach FL 33708

Minutes Prepared by: Freddie Lozano, CMC
Town Clerk, Indian Shores, FL

ATTEST:

APPROVED:

Amber LaRowe, CMC, City Clerk
City of St. Pete Beach

Alan Johnson
Barrier Islands Governmental Council President
Mayor of the City of St. Pete Beach, FL

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Barrier Islands Governmental Council

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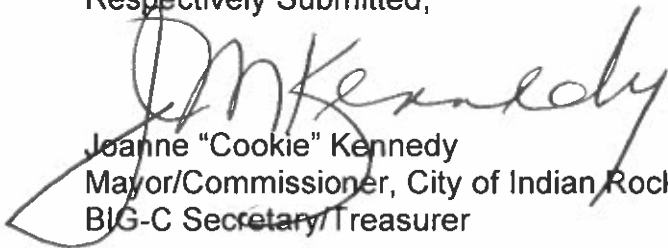


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BIG-C TREASURER'S REPORT — NOVEMBER 2022

Opening Balance as of November 1, 2022:	\$1,506.02
Receipts:	
None	\$0.00
Total Receipts	<u>\$ 0.00</u>
Disbursements:	
Digital Eel: Invoice #31482	\$7.92
Total Disbursements:	<u>\$ 7.92</u>
Ending Balance as of November 30, 2022:	<u>\$1,498.10</u>

Respectively Submitted,


Joanne "Cookie" Kennedy
Mayor/Commissioner, City of Indian Rocks Beach
BIG-C Secretary/Treasurer

BIG-C

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BIG-C TREASURER'S REPORT — DECEMBER 2022

Opening Balance as of December 1, 2022:	\$1,498.10
Receipts:	
None	\$0.00
Total Receipts	<u>\$ 0.00</u>
Disbursements:	
None	\$0.00
Total Disbursements:	<u>\$ 0.00</u>
Ending Balance as of December 31, 2022:	<u>\$1,498.10</u>

Respectively Submitted,

Joanne "Cookie" Kennedy
Mayor/Commissioner, City of Indian Rocks Beach
BIG-C Secretary/Treasurer

TAMPA BAY WATCH

Ensuring Tampa Bay remains a healthy, sustainable ecosystem for future generations



Importance of Tampa Bay



UNIQUE
HABITAT



MIGRATION
GROUND



NURSERY
GROUND



ECONOMY

Recovery of the Bay

1950s: Large-scale mangrove, seagrass, and marsh grass habitat loss due to poorly regulated wastewater practices

1972: Federal Water Pollution Control Act of 1948 was amended, known now as the Clean Water Act. The Environmental Protection Act was passed

1981: Tampa Shipping Channel dredging project completed

2015: Hit the benchmark of "fully restored" with the results of seagrass recovery data

1981- Shipping Channel completed

1985- Advance wastewater treatment requirements

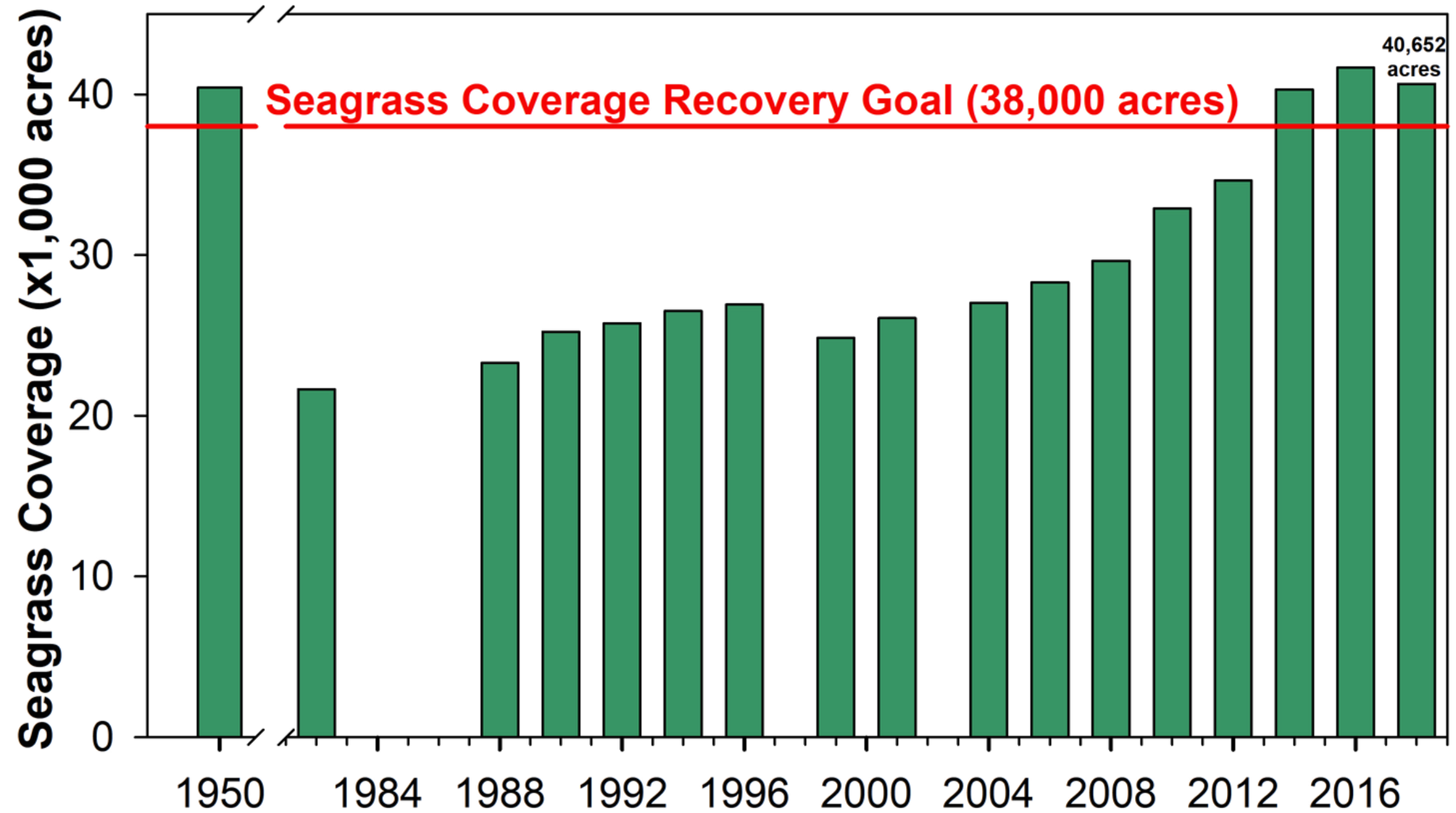
1997/98- El Nino wintertime event



	OTB	HB	MTB	LTB
1975	R	R	R	G
1976	R	R	R	Y
1977	R	R	R	R
1978	R	R	R	Y
1979	R	R	R	R
1980	R	R	R	R
1981	R	R	R	R
1982	R	R	R	R
1983	R	Y	R	R
1984	R	G	R	Y
1985	R	R	R	Y
1986	R	Y	R	G
1987	R	Y	R	G
1988	Y	G	Y	G
1989	R	Y	R	Y
1990	R	G	R	Y
1991	G	Y	Y	Y
1992	Y	G	Y	Y
1993	Y	G	Y	Y
1994	Y	Y	R	R
1995	R	Y	R	Y
1996	Y	G	Y	G
1997	Y	G	R	Y
1998	R	R	R	R
1999	Y	G	Y	Y
2000	G	G	Y	Y
2001	Y	G	Y	Y
2002	Y	G	G	G
2003	R	Y	G	Y
2004	R	G	G	Y
2005	G	G	Y	Y
2006	G	G	G	G
2007	G	G	G	G
2008	Y	G	G	Y
2009	Y	Y	G	G
2010	G	G	G	G
2011	R	G	Y	G
2012	G	G	G	G
2013	G	G	G	G
2014	G	G	G	G
2015	Y	G	Y	G
2016	Y	G	G	G
2017	Y	G	G	G
2018	Y	G	G	G
2019	Y	G	G	G
2020	Y	G	G	G

Seagrass Recovery

COVERAGE ESTIMATES FROM 2014, 2016, AND 2018 INCLUDED MORE THAN 40,000 ACRES OF SEAGRASS, A GOAL IDENTIFIED IN THE HABITAT MASTER PLAN. HOWEVER, BETWEEN 2018 AND 2020, SEAGRASSES THROUGHOUT TAMPA BAY DECLINED BY 13%, OR 5,411 ACRES, TO AN ESTIMATED 35,241 ACRES (PROVISIONAL DATA PROVIDED BY SWFWMD).



Economic Impact of Tampa Bay

**A clean bay
contributes
about \$22
billion to
the region's
total
economic
activity**



Economic Impact of Tampa Bay



**One in every
five jobs in
the Tampa
Bay
watershed
depends on
keeping the
bay healthy**

Economic Impact of Tampa Bay

Almost 90% of the total employment within the three county region of Hillsborough, Manatee, and Pinellas is located within the watershed



Impacts Affecting the Estuary Today



Pollution



Invasive Species



Habitat Destruction & Coastal Development

Red Tide

KARENIA BREVIS

What can you do to help?



DO YOUR PART

Help remove the carcasses from the beaches and bay areas where you spend time

SUMMERTIME FERTILIZER

BAN

Fertilizer runoff from lawns fuels red tide

NATIVE PLANTS

Require less water and fertilizer

VOLUNTEER

Living shoreline projects improve water quality and become nurseries for marine animals

DONATE

Support Tampa Bay Watch's efforts to restore the bay everyday

Tampa Bay Watch

Dedicated to fostering a healthy Tampa Bay watershed through community driven restoration projects, education programs, and outreach initiatives.

ESTABLISHED IN 1993



RESTORATION

EDUCATION

OUTREACH

Restoration in Action

- Native Grass Plantings
- Oyster Reef Ball Installation
- Oyster Shell Bars
- Vertical Oyster Gardens
- Fishing Line Recycling
- Coastal Bird Nesting Island Cleanups
- Stormwater Runoff Programs
- Derelict Crab Trap Removal
- Seagrass Restoration
- Bay Scallop Monitoring



Community Oyster Reef Enhancement (CORE)



OYSTER REEF BALLS



OYSTER SHELL BARS



VERTICAL OYSTER GARDENS

An individual oyster may filter up to 50 gallons of water in one day!



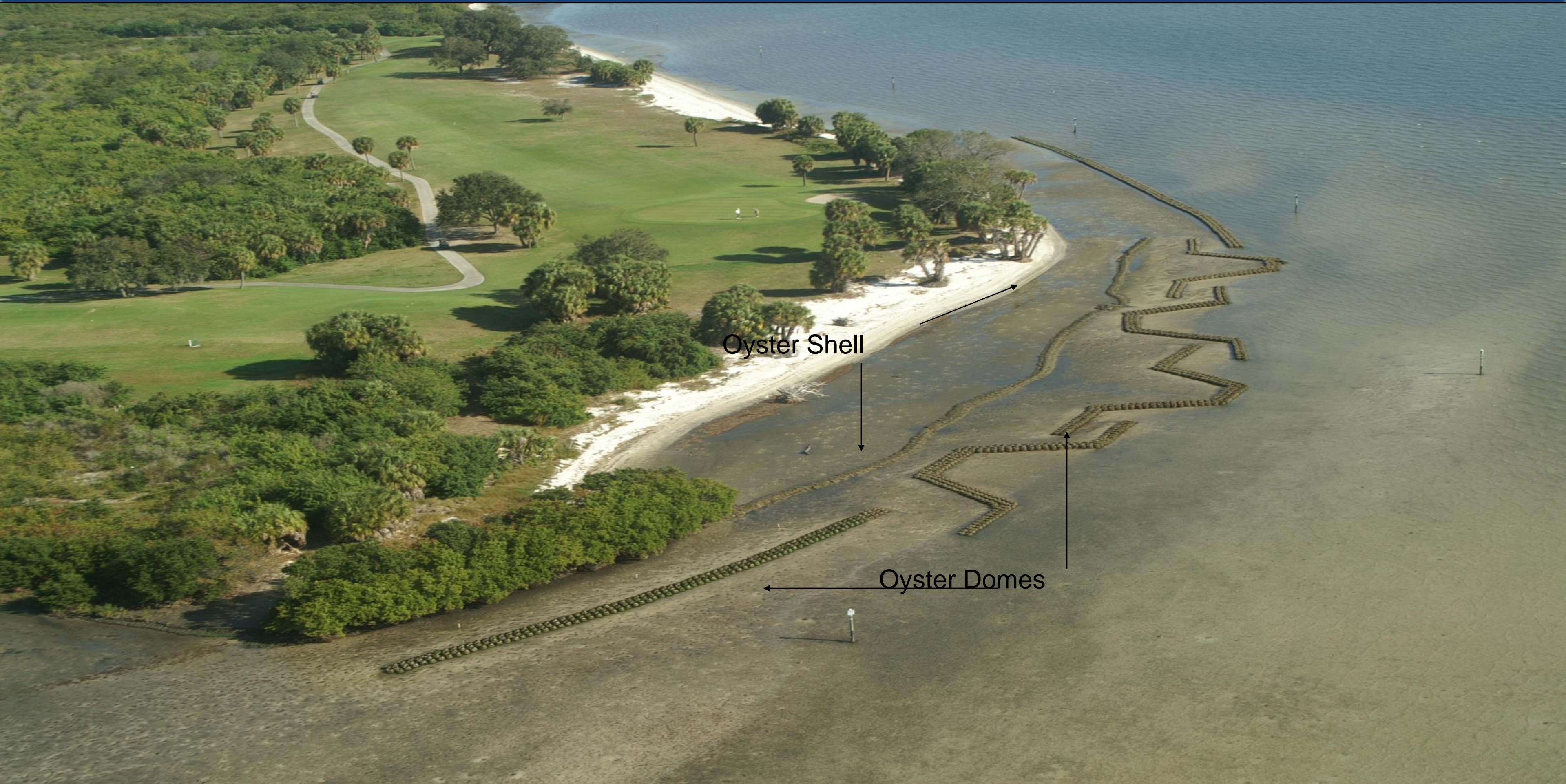
Living Shorelines

**Oyster reefs
and salt
marsh
communities
buffer the
shoreline
from wave
action
allowing
native plants
to flourish**

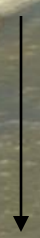




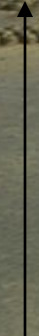
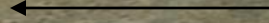
February 2008 Phase II and III



Oyster Shell



Oyster Domes





Phases 2 thru 4: 2006 thru 2010



Phase 4
project
(2009 -2010)

Phases 2 & 3 (2006 – 2008)



Initial Sediment Accumulation Behind Domes



Phase 4
project
(completed
FY10)

Phases 2 & 3 (2006 - 2008)



Plant Marsh Grass, Additional Sediment Build-up



Phase 4
project
(completed
FY10)

Phases 2 & 3 (2006 – 2008)



Salt Marsh Established, Mangrove Recruitment



Phase 4
project
(completed
FY10)

Phases 2 & 3 (2006 – 2008)







OYSTER SHELL BARS

We have installed over 2,500 tons of oyster shell around Tampa Bay!





Community Plantings

Stabilize shorelines and protect against erosion

Provide habitat for small fish and other creatures

Absorb wave energy from storms

Filters pollutants and marine debris from entering our waterways.



MacDill AFB

Before/ After

2003



2015



Before



6 months



Cockroach Bay



Bay Grasses in Classes

CONNECTING EDUCATION WITH RESTORATION

BUILD
NURSERY



HARVEST
PLANTS



PLANT,
GROW, &
MONITOR



TRANSPLANT



RECYCLE





Since 1994, BGIC has restored over 170 acres of Tampa Bay!





Coastal Cleanups

MARINE DEBRIS PREVENTION

Great American Cleanup in March

Mid-summer Cleanup

International Coastal Cleanup is
9/18/21



DERELICT CRAB TRAP REMOVAL

Marine Debris Prevention

WHAT IS A DERELICT TRAP?

Any trap found in the water during closed season for that species

Any trap that is not fishable (i.e.; lacks six intact sides)

Any fishable trap during open season that lacks at least three of the following: buoy, line, current trap tag, and/or current commercial saltwater products license



We've removed 2,440 traps from Tampa Bay

Great Bay Scallop Search

Counting our scallops since 1996



Bay Scallops

Indicator species



200 Volunteers

40 sites assigned to
shallow draft boats &
kayakers



Resource Monitoring

Monitor and document the
status of the bay scallop
population.

Estuary EDventures

ENVIRONMENTAL EDUCATION

To educate students about the Tampa Bay ecosystem and estuarine ecology while encouraging and empowering students to act as stewards of this important natural resource.

Field trip programs
Summer camps
Citizen Science
Virtual Learning
Community Outreach



Field trip experiences

PROGRAMS OFFERED

Classroom Boat Otter Trawl

Coastal Cleanup

Invertebrate Investigation

Kayak Tampa Bay

Microplastics

Plankton Encounter

Sea Turtle Nesting

Seine the Bay

Snorkel Tampa Bay

Squid Dissection

Water Quality

LESSONS FOR ALL AGES

K - College, 50 students per visit

TITLE I SCHOOL FUNDING

50% of academic year visits





SUMMER CAMPS

Sea Monkeys: 6-8 years old

Discovery: 9-12 years old

Ocean Expedition: 13-15 years old



**24 CAMPERS AND TWO
SCHOLARSHIP SPOTS PER SESSION**

Boating trips, snorkeling excursions through native habitats, and collecting unique species inhabiting the estuary.

Estuary EDventures

Over 42,000 students & teachers from over 150 schools have participated in our field trips since the program was founded in 2007





TAMPA BAY WATCH DISCOVERY CENTER™

ON THE NEW ST. PETE PIER

Goal to inspire visitors to become stewards of their own environment by sharing the story of the recovery and ongoing restoration of Tampa Bay.



Discovery Center Exhibit Gallery

AQUARIUMS



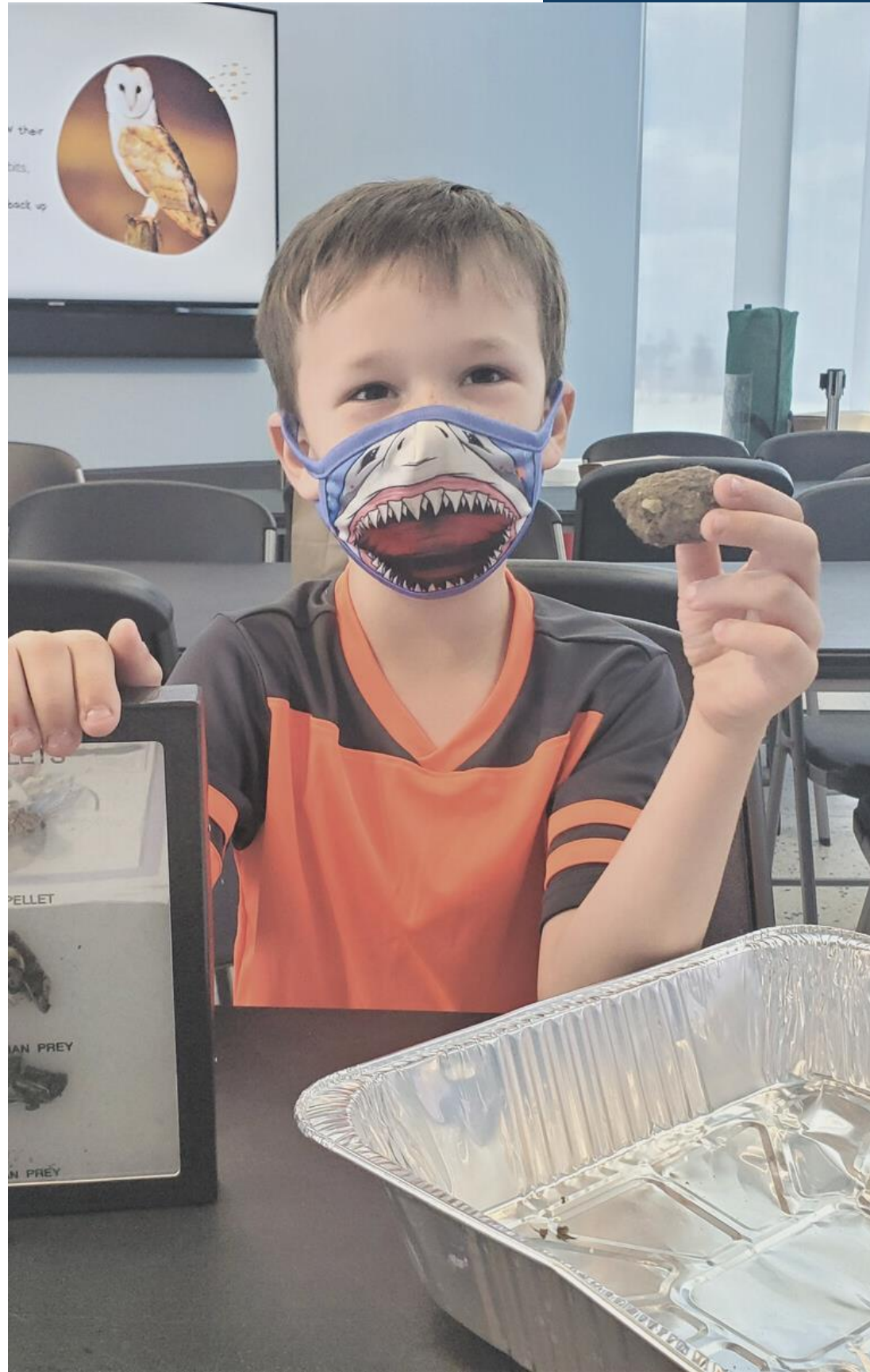
ART MEETS
SCIENCE



INTERACTIVE
DISPLAYS



Docent-led tours are also available



Discovery Center Classroom

FIELD TRIPS

AFTER-SCHOOL PROGRAMS

SUMMER CAMPS

FUN AND ENGAGING MARINE
SCIENCE PUBLIC PROGRAMS



Public Eco-tours and school field trips: **4 times per day, 7 days per week**

- Day tours include a fisheries trawl, bird spotting, dolphin and manatee identification
- Our professional Marine Biologists provide insights into the local waters and species while conducting scientific research
- Sunset Cruise also available

Get Involved!

- Volunteer with Tampa Bay Watch
- Become an individual or corporate member
- Participate in citizen science initiatives
- Visit the Tampa Bay Watch Discovery Center
- Register for our weekly eNewsletter
- Reduce, Reuse, Recycle & Refuse

PETER President

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CLARK

RACHEL ARNDT Communications Manager

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