St. Joseph Sound/Clearwater Harbor in the Pinellas County Aquatic Preserve

Tampa Bay Aquatic Preserves

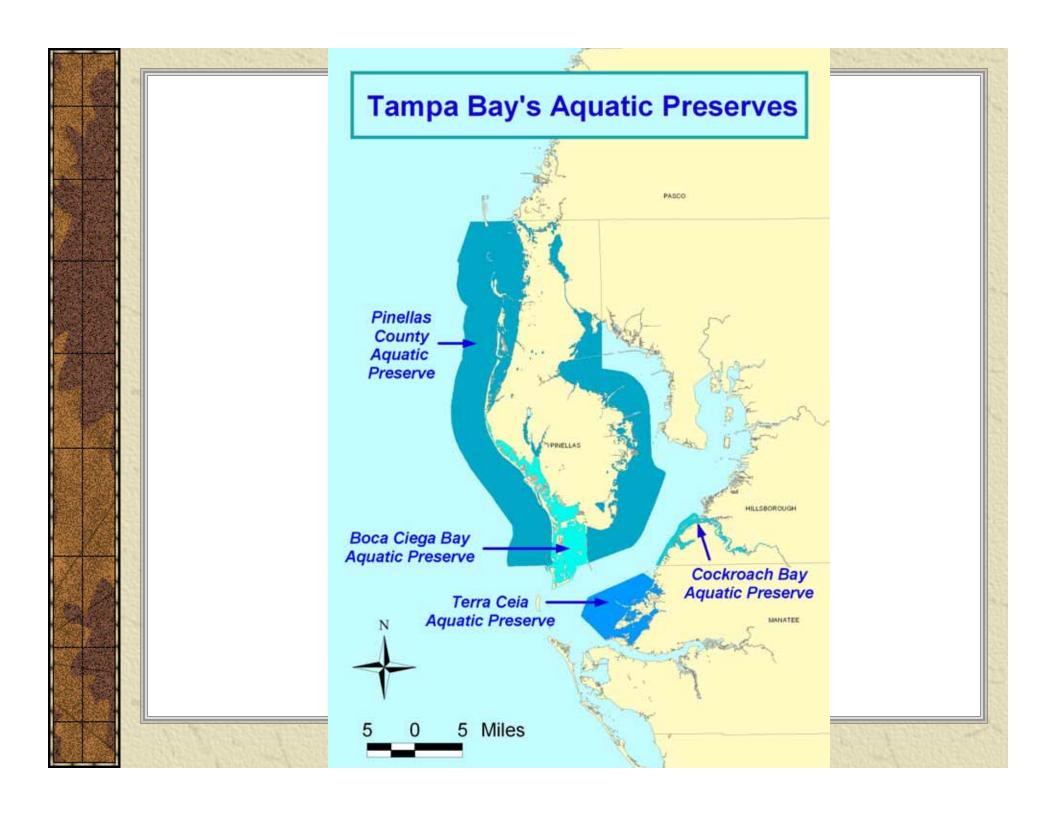
FDEP – Office of Coastal & Aquatic

Managed Areas

Randy J. Runnels, Ph.D.

Florida's Aquatic Preserves





TBAP Activities in Clearwater Harbor/St. Joseph Sound

- **≭** Regulatory Review
- **** Support for Compliance/Enforcement**
- ***** Island "Restoration"
- * Education/Outreach

Regulatory Review According To...

- ** Part II. Chapter 258, Florida Statutes
- ** Chapter 18-20, Florida Administrative Code
- ** Chapter 72-663, Laws of Florida

Some key points of Ch. 18-20, FAC...

- ** Aquatic preserves shall be managed "primarily for the maintenance of essentially natural conditions."
- ** Activities must be "clearly in the public interest."
- ** Consideration must given to cumulative impacts.

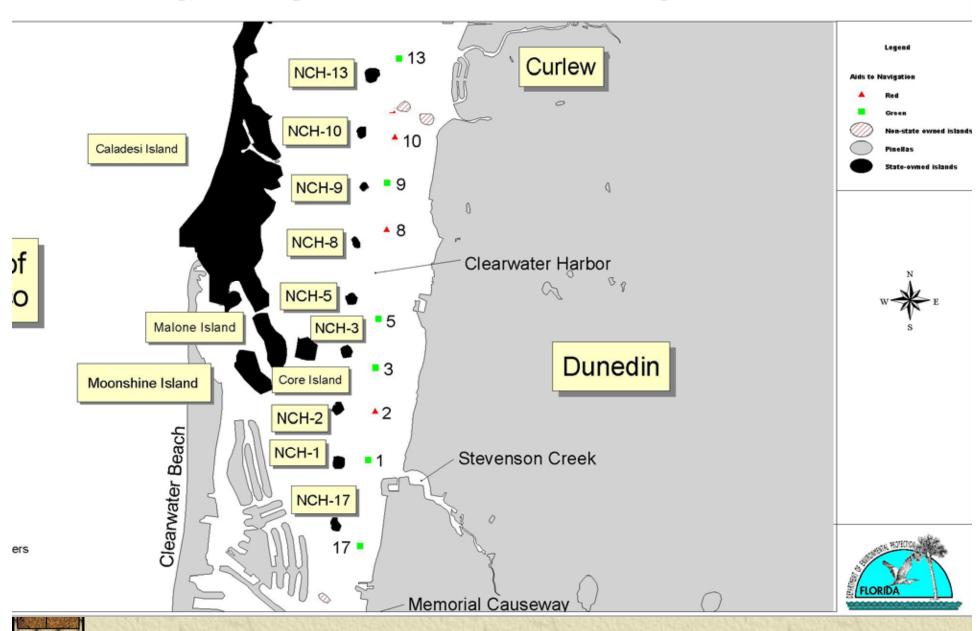






SOUTH CLEARWATER HARBOR Eroded Legend Clearwater Pass Memorial Causeway Eroded • •13 Sand Key Clearwater Eroded . •11 Clearwater Harbor ulf of SCH-10 exico **1**0 SCH-7 SCH-5 Bellair Bellair Shores Largo Eroded Bellair Causeway 300 600 Meters

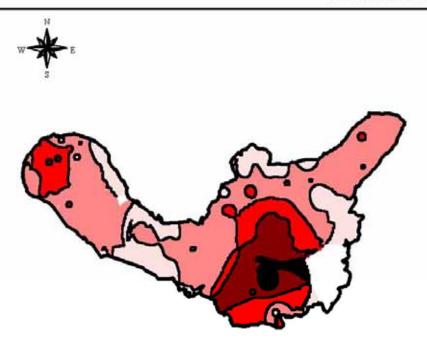
NORTH CLEARWATER HARBOR

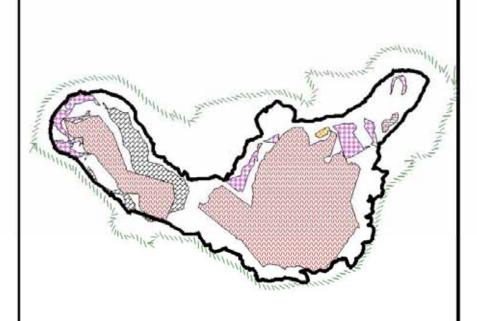


SAINT JOSEPH SOUND Eroded Garden Island SJS-30 Gulf of Boggy Bayou O Mexico **^**30 🔍 SJS-29 Crystal Beach SJS-28 Three Rooker Island SJS 9A, 9B, 9C **SJS-26** 26 Sutherland Bayou SJS-22 Ozona Honeymoon Palm Island Harbor **^**18 Smith Bayou Dunedin 0 400 Meters Causeway

ANCLOTE RIVER Pasco-Pinellas County Line **Anclote River** AR-53 east Rabbit Key State-eweed islands AR-38 Tarpon Bayou Kreamer Bayou Fred Howard Park **Chesapeake Point Tarpon Springs** Muncipial Pier **Whitcomb Bayou**

Island No. SJS-22





Contour Map



Island Perimeter

Surface Contour Lines

Ground Surface Contours



1.478 - 2.661

 $\overline{\bigcirc}$

2.661 - 3.843



3.843 - 5.025

5.025 - 6.208

6.208 - 7.39

No Data

Vegetation Map



Island Perimeter



Spartina 0.004 ha



Seagrass Edge



Sea Oats 0.007 ha



Brazillian Pepper 0.800 ha



Mangroves 0.135 ha



Australian Pine 0.100 ha

















