

# ECCCL

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ESTERO COUNCIL OF  
COMMUNITY LEADERS

**Oct 12, 2018**

# Welcome.

## (Please... Silence Your Phone)





# ESTERO FIRE RESCUE



**Fire Chief  
Scott Vanderbrook**



# **SAN CARLOS PARK FIRE PROTECTION & RESCUE SERVICE DISTRICT**

**Fire Chief  
David Cambareri**

**Public Information Officer  
Alexis Rothring**







## **Village Report**

**COUNCIL MEMBER JON McLAIN**

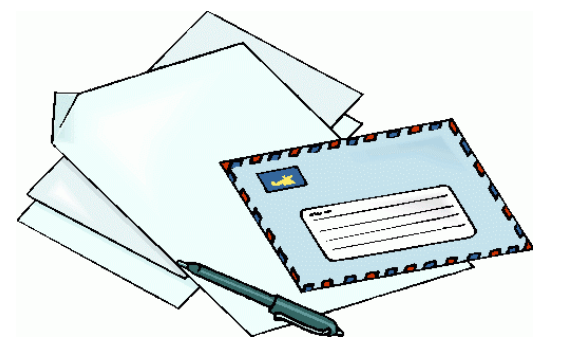
# Lee Health Coconut Point Update

Alex Greenwood, VP Lee Health Coconut Point  
October 12, 2018



# Leadership Team

- **Amanda Garcia, Director of Nursing**
- **Joe Ryan, Director of Ancillary Services**
- **Kirk Stone, Director of Professional Services**
- **Angela Snyder, Director of Lee Physician Group**
- **Carrie Bloemers, Manager of Healthy Life Center**
- **Molly Grubbs, Community Business Development Representative**



# Thank You



**Supporting the Municipal Coalition Seeking SFWMD and  
Corp of Engineers to  
Fight Our Water Contamination Problems**

**James Evans - City of Sanibel Director of Natural Resources**





**SANIBEL**

A BARRIER ISLAND SANCTUARY



# Caloosahatchee Minimum Flows and Levels

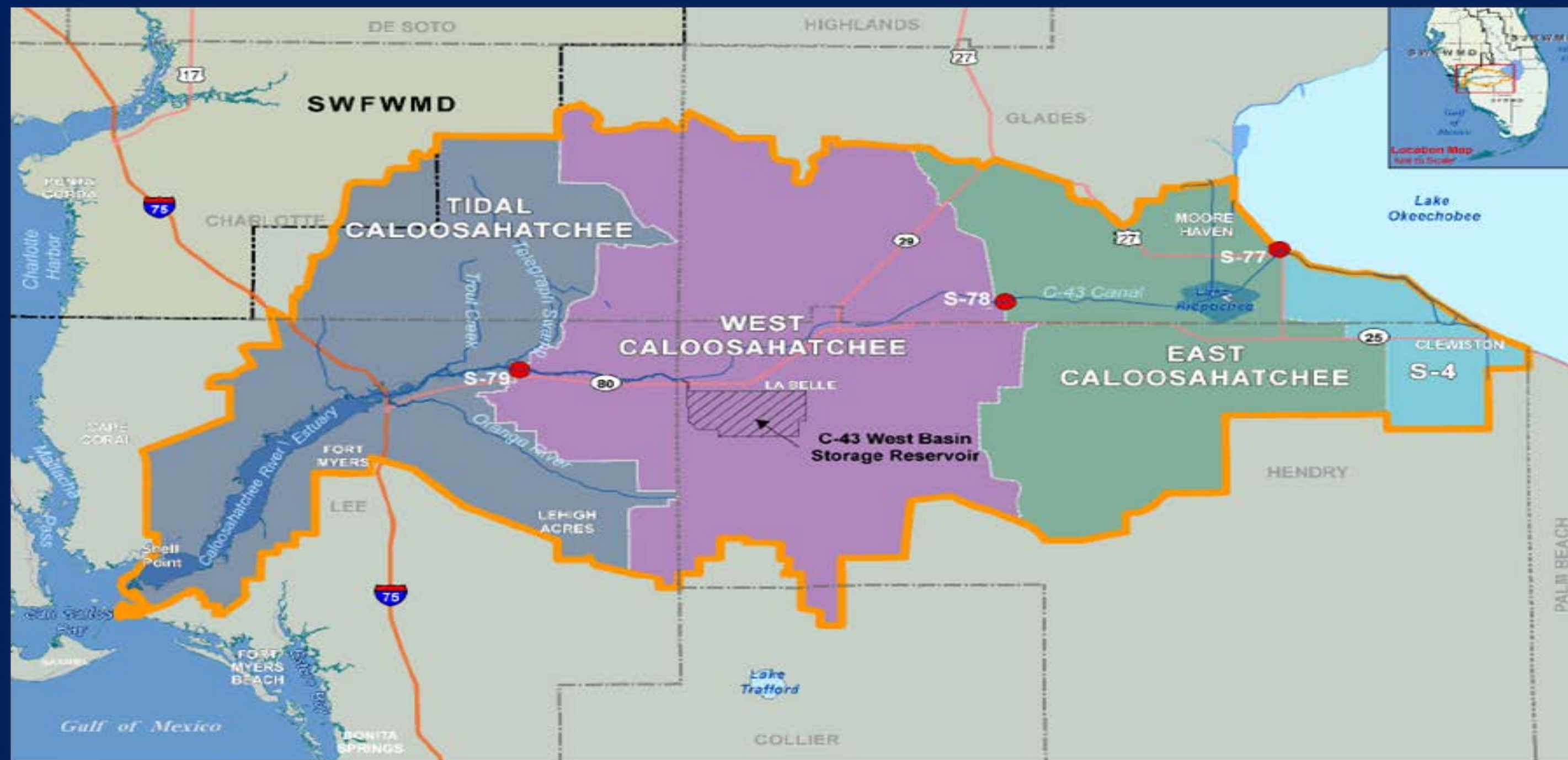
## Concerns of Proposed Rule Update

Estero Council of Community Leaders

October 12, 2018

James Evans, Director of Natural Resources  
City of Sanibel

# Caloosahatchee Watershed



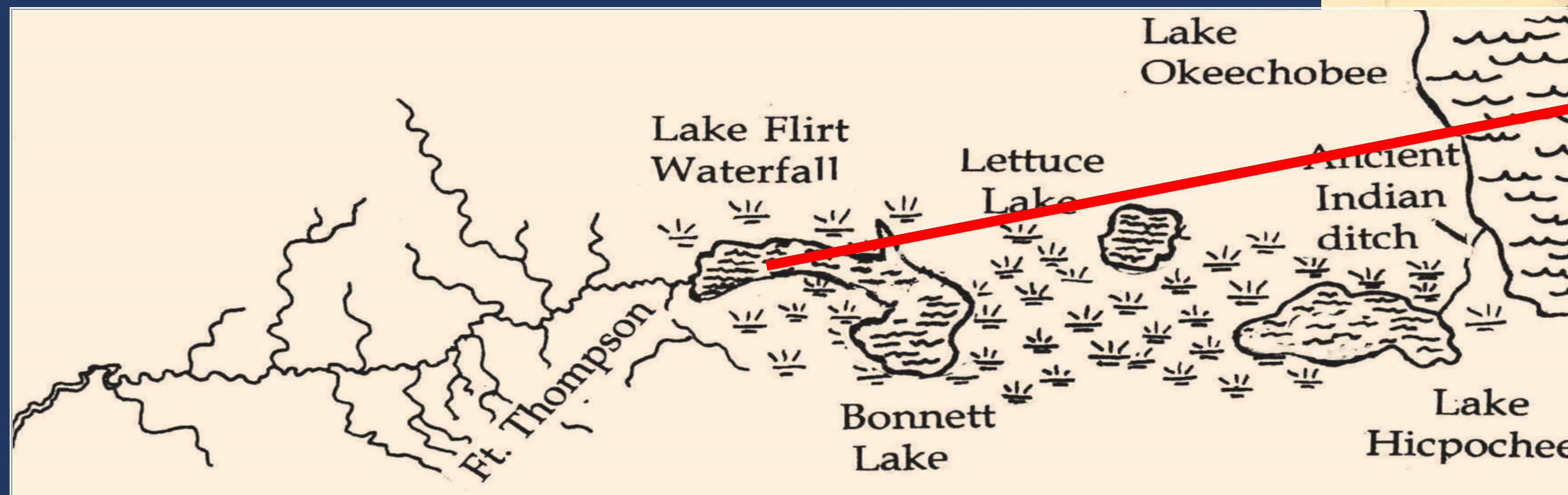
Caloosahatchee Watershed = >865k acres





# Caloosahatchee - Everglades Connection

Historically  
Caloosahatchee not  
Connected to Lake O



Caloosahatchee Valley  
of Lakes



1839

Map



# Caloosahatchee Dredged & Straightened



Circa 1920's

**To Provide Navigation and Flood Control**



**US Army Corps  
of Engineers®**

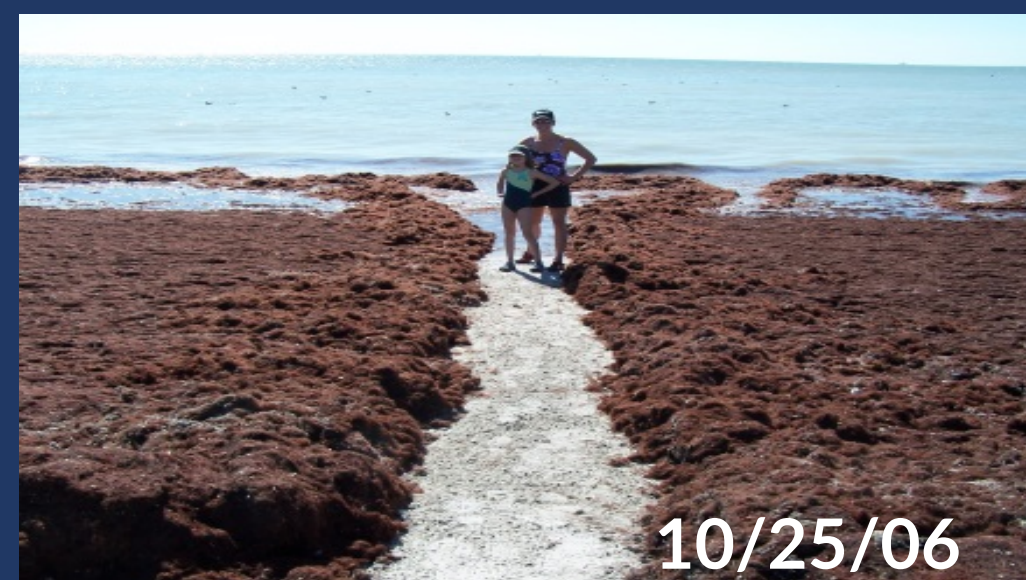




# Caloosahatchee Conundrum

## Water Quantity & Quality

### *Too Much Flow*



### *The Goldilocks Principle* *Too Little Flow*



*What is needed to get the water just right?*





# Too Much Flow



Caloosahatchee

Lost 11,000 acres of  
Lake and Marsh  
Storage



Ding Darling Refuge

Lack of Storage =  
No Treatment





# Too Little Flow



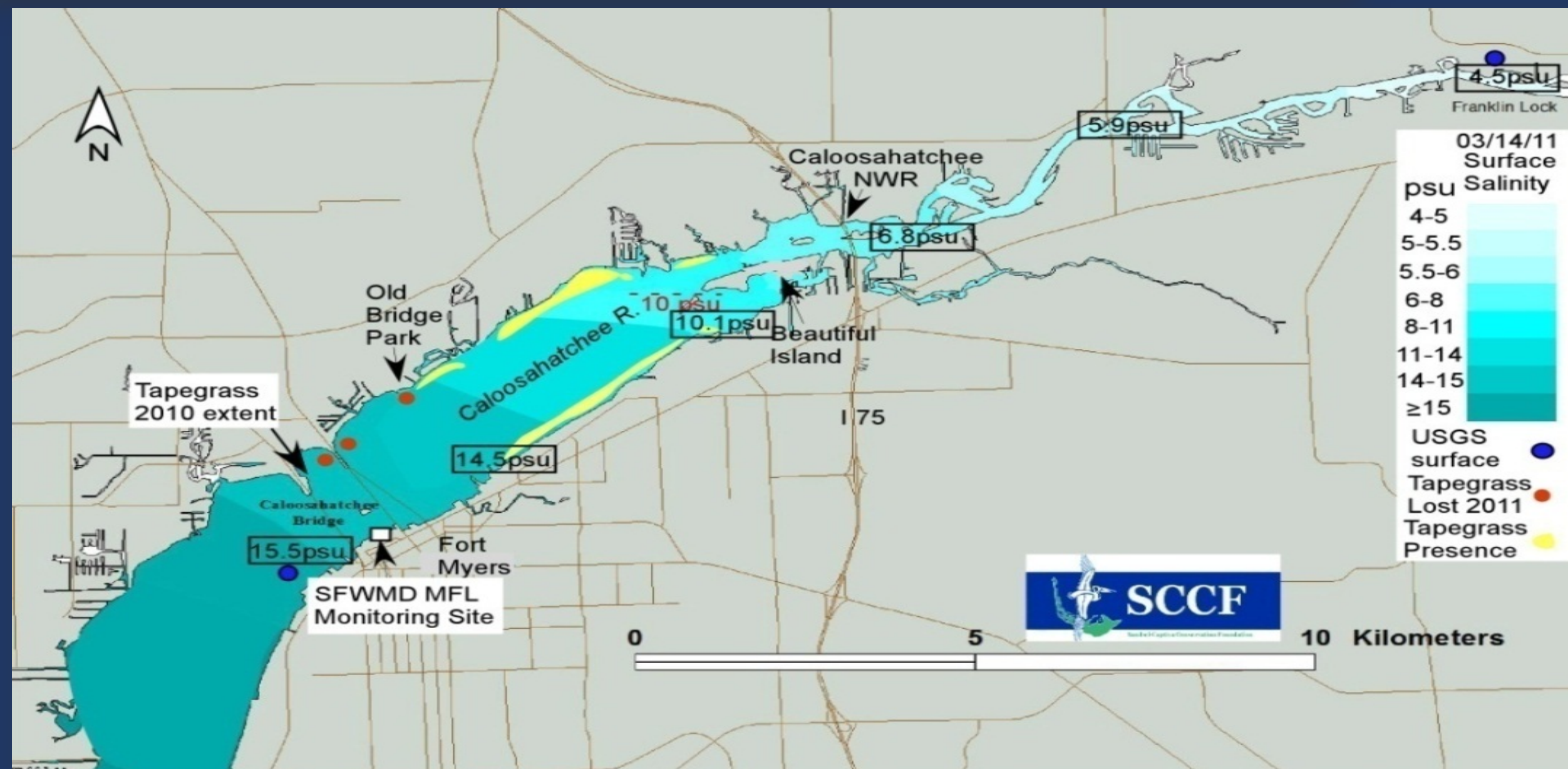
August, 2010

Photo SCCF



December, 2010

Photo SCCF



**LSZ**  
**Critical habitat for**  
**Manatees,**  
**Fish, Shrimp,**  
**Blue Crabs**  
**MFL 650 – 720 cfs?**



# SFWMD Ecological Targets for Caloosahatchee Estuary

## Low Flow

- **< 450 cfs:** high salinity in upper estuary causes mortality of tape grass habitat (data suggest 650 cfs).

## High Flow

- **>2800 cfs:** low salinity causes mortality of marine organisms in seaward portion of the estuary.
- **>4500 cfs:** low salinity in San Carlos Bay causes mortality of seagrasses.
- **>6500 cfs:** low salinity plume enters Gulf of Mexico adverse impacts on SAV and WQ in Pine Island Sound.

\* Based on 30-day moving average flow at Franklin Lock (S-79)

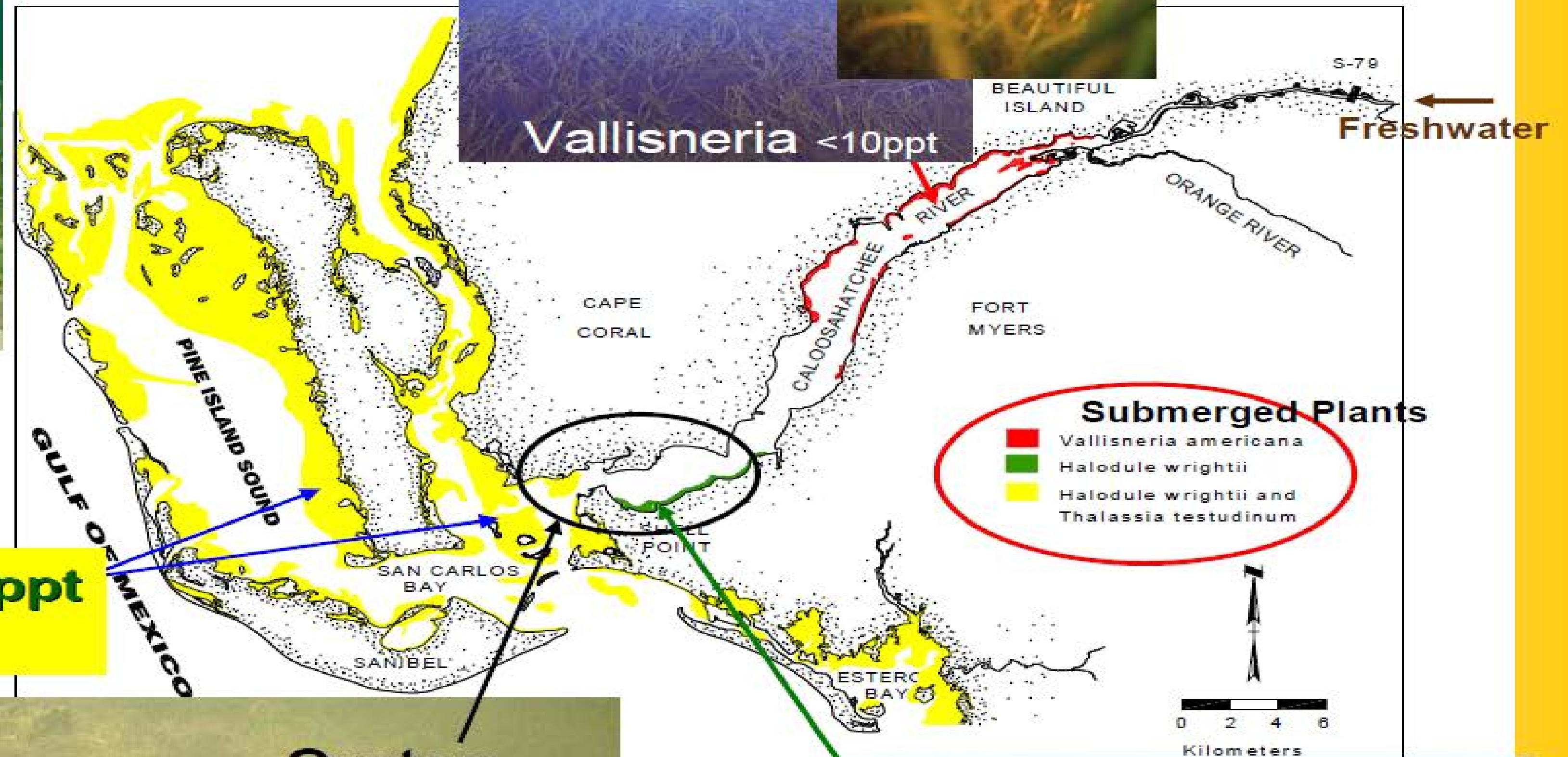


# Caloosahatchee Resource Salinity



Blue Crab

**Seagrass >25 ppt  
Downstream**



**Vallisneria <10ppt**

**Freshwater**

## **Submerged Plants**

- *Vallisneria americana*
- *Halodule wrightii*
- *Halodule wrightii* and *Thalassia testudinum*

**Oysters  
15-25 ppt**

**Halodule upstream  
~ 20 ppt**





Photos from 1979-1984  
John Cassani

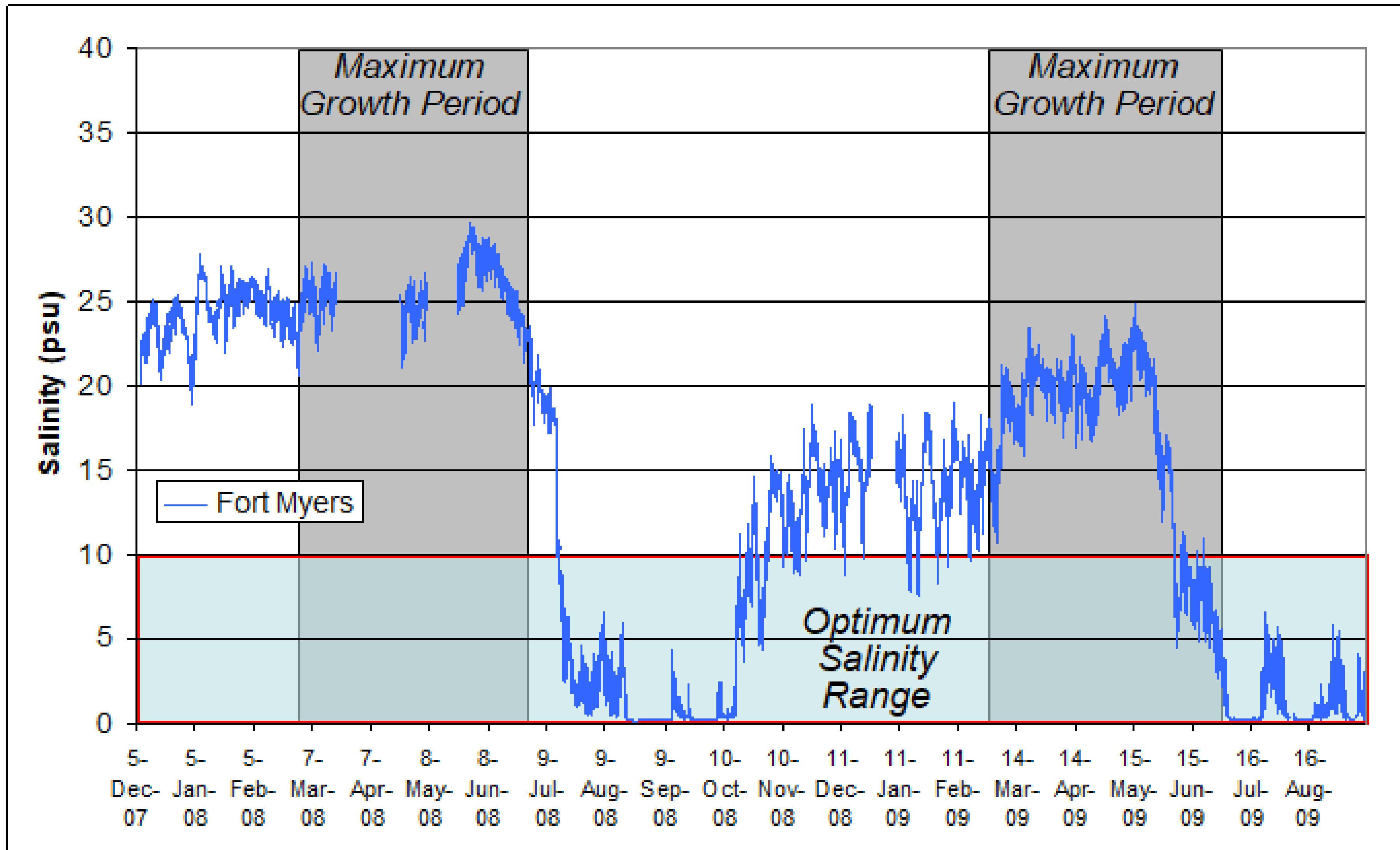




1984 Photo John Cassani



# Tape Grass (*Vallisneria americana*)



# What is a Minimum Flow and Level (MFL)?

- A MFL is the “limit at which further withdrawals would be significantly harmful to the water resources or ecology of the area.” (Section 373.042(1), Florida Statutes)
- SFWMD defines significant harm as “the temporary loss of water resource functions which result from a change in surface or groundwater hydrology, that takes more than two years to recover, but which is considered less severe than serious harm.”

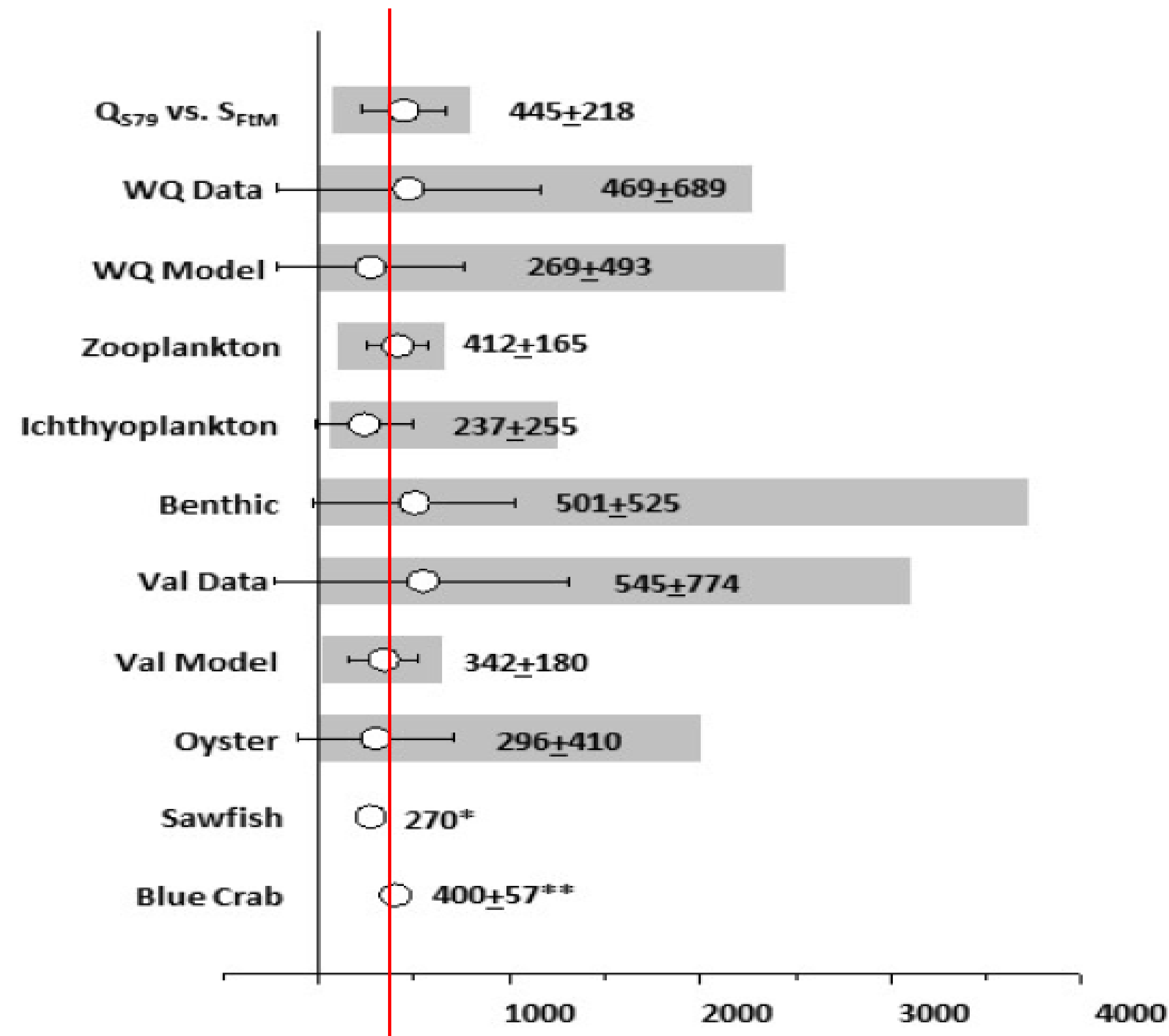
# Why are we challenging the Proposed MFL Update?

- The proposed rule is less protective than the 2001 rule (flow target vs. salinity target).
- Shifts the ecological baseline away from a sensitive ecological indicator habitat (i.e., tape grass) and averages it over several less sensitive indicators.
- Would result in higher dry season salinities and impacts to all organisms that depend on the low-salinity zone (0.5-6 psu).

# Proposed Changes to 2001 MFL

	2001	2018
Magnitude Mean monthly flow at S-79	300 <u>cfs</u>	400 <u>cfs</u>
Duration MFL <u>exceedance</u> occurs when:	30-day average salinity at Ft Myers exceeds 10 <u>ppt</u> OR Single daily average salinity exceeds 20 <u>ppt</u>	30-day moving average flow at S-79 < 400 <u>cfs</u> AND Daily average salinity >10 at Ft. Myers for more than 30-day moving average
Return Frequency MFL violation occurs when:	<u>Exceedance</u> occurs for 2 consecutive years	More than 1 <u>exceedance</u> in a 5- year period

# Results of Component Studies



**Figure A-3.** Graphical results showing the range (bar) and average + standard deviation (point + error bar and text) of the estimated indicator inflows ( $Q_i$ ) for each of the component studies.  
(Notes: See **Table A-2** and text for calculation details related to each estimate. \*Only one value was estimated for sawfish using the 12–27 salinity range. \*\*Average from two estimates.)

# Final Caloosahatchee River (C-43) West Basin Storage Reservoir PIR and Final EIS, November 2010

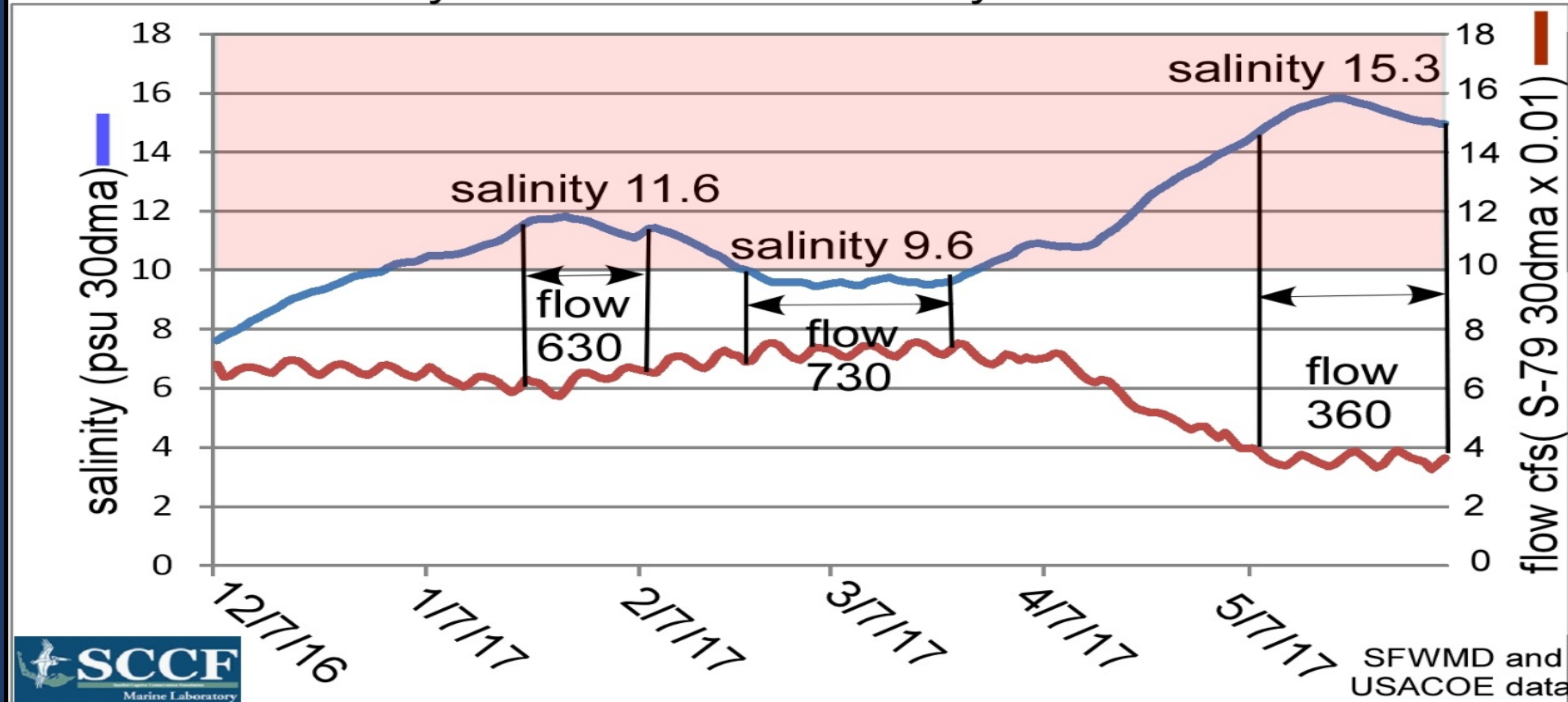
## Consideration of both Restoration and MFL flow ranges

**TABLE 4-7: ECOLOGICAL PERFORMANCE MEASURES**

<b>Species</b>	<b>Variables in HSI</b>	<b>Preferred Flow Range (cfs)</b>
<b>SAV</b>	Light, salinity, temperature, flow	Halodule <800 Halodule/Thalassia <2800
<b>Oyster</b>	Salinity, temperature, depth, substrate, flow	500-2000
<b>Blue Crab</b>	Substrate, salinity, temperature, flow	300-800
<b>Zooplankton</b>	Salinity, flow	150-600
<b>Spotted Seatrout</b>	Salinity, temperature, seagrass cover, proximity to seagrasses and drop offs, flow	300-1300 (general fish requirement)
<b>Vallisneria</b>	Previous condition, salinity, temperature, light availability	~800- 1500



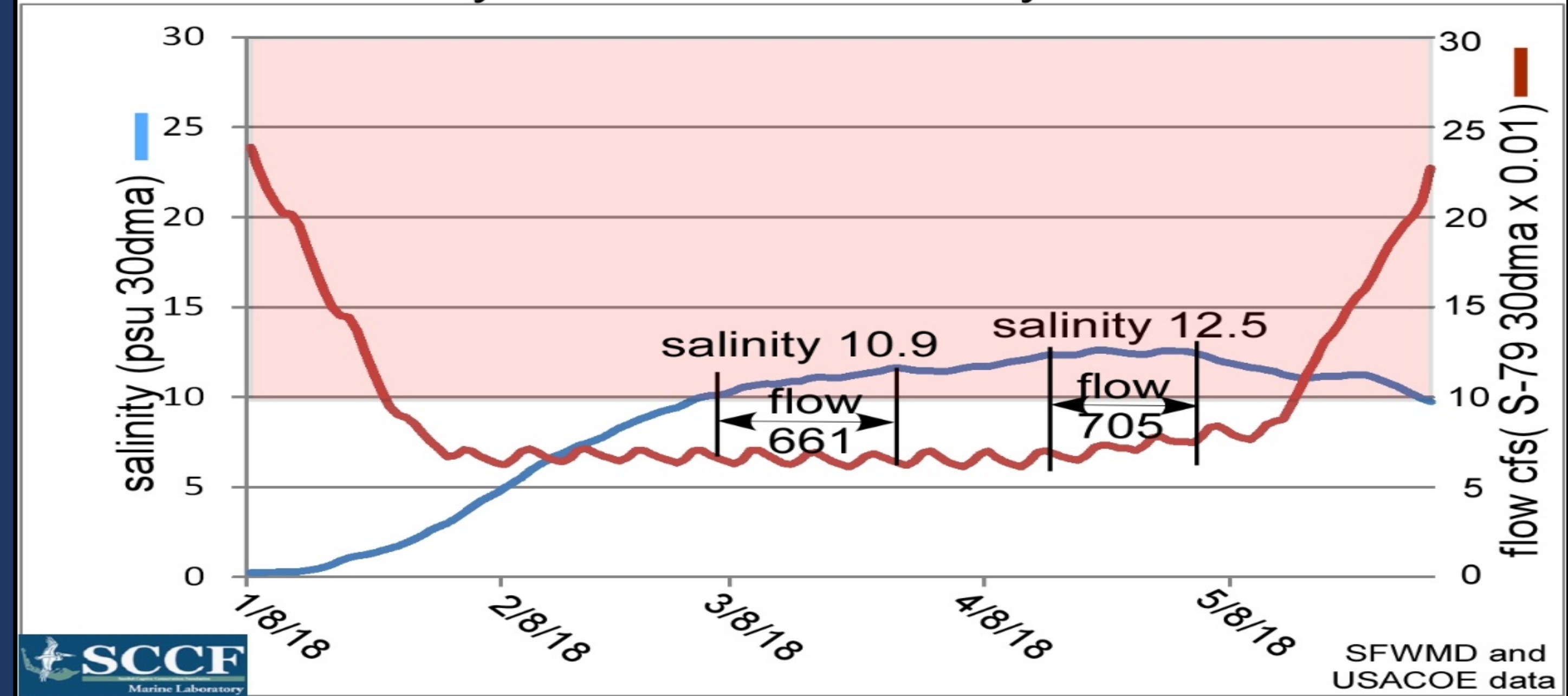
Fort Myers Yacht Basin Salinity and S79 Flow



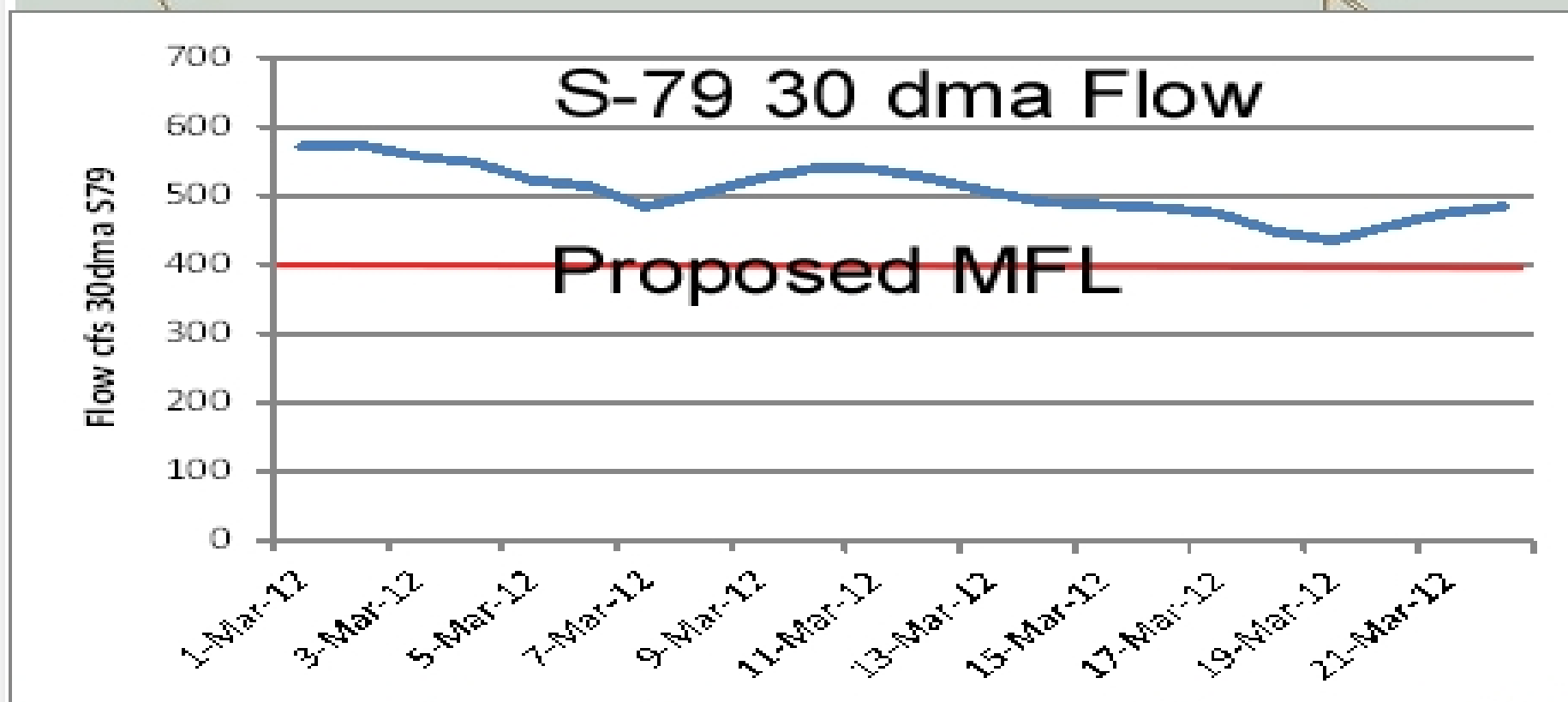
Flows >600 cfs resulted  
in Salinity >10 psu

Flows >650 cfs resulted  
in Salinity >10 psu

Fort Myers Yacht Basin Salinity and S79 Flow



# >600 acres tape grass habitat loss potential with 400 cfs (hashed area)







linea  
americana







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ESTERO COUNCIL OF  
COMMUNITY LEADERS

# PROPOSED DEVELOPMENT OF WEEKS FISH CAMP / LONDON BAY PROPERTY





## **PROPOSED DEVELOPMENT OF WEEKS FISH CAMP / LONDON BAY PROPERTY**

**Bob King,  
Irv Nathanson, &  
Vicki Olson**



# LONDON BAY PROPERTY SHOWN IN RED



# PROPOSED DEVELOPMENT OF LONDON BAY PROPERTY

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- **WHO IS THE DEVELOPER:**
  - London Bay Homes Estero Bay Investments, LLC
  - **LINK TO PROPOSED DEVELOPMENT:**  
<https://lbhbayview.com>
- **WHAT IS BEING PROPOSED:**
  - A continuing Care Retirement Community with 300 units
  - Reactivation of a marina
- **JURISDICTION**
  - Bonita Springs

# PROPOSED DEVELOPMENT OF LONDON BAY PROPERTY

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- **PUBLIC INFORMATION MEETING SCHEDULED FOR OCTOBER 18, 2018, 6:00 P.M. at Estero High School**
- **WHY SHOULD WE ATTEND:**
  - **TO MAKE SURE THE DEVELOPER KNOWS HOW IMPORTANT WE THINK THE MARINA IS TO THE ESTERO RESIDENTS' QUALITY OF LIFE**
  - **TO GET THE FACTS ON WHAT IS BEING PROPOSED**
- **TAKE WHAT YOU LEARN BACK TO VILLAGE COUNCIL AND REQUEST SUPPORT TO MAKE SURE THE MARINA IS BUILT**

## WHY DO WE CARE?

### VILLAGE COMPREHENSIVE PLAN

- **POLICY 1.2.1 DISCOURAGE NEW PUBLIC ACCESS TO THE ESTERO RIVER FOR MOTORIZED WATERCRAFT**
- **POLICY 1.2.2 The Village will cooperate to the extent practicable with the City of Bonita Springs and Lee County to provide public access to the Estero Bay**
- **THIS IS OUR LAST OPPORTUNITY TO GET ACCESS TO ESTERO BAY**





**Should the  
Germaine Arena  
be Painted  
“Hertz Yellow”**

**Don Eslick**



## ECCL Transportation Committee Report - Bob King

# **VILLAGE OF ESTERO CAPITAL IMPROVEMENT PLAN & BUDGET**

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**FINAL PUBLIC INPUT  
FOLLOWED BY C I P & BUDGET ADOPTION**

**PURCHASE OF 62 ACRES**

**5:30 P.M. SEP.20<sup>TH</sup>**

**THE BUDGET AND THE PURCHASE OF THE 62 ACRES WERE  
APPROVED**





## EEPCO "Overlay" Story

### Tasks 6,7,8 - Coming Soon

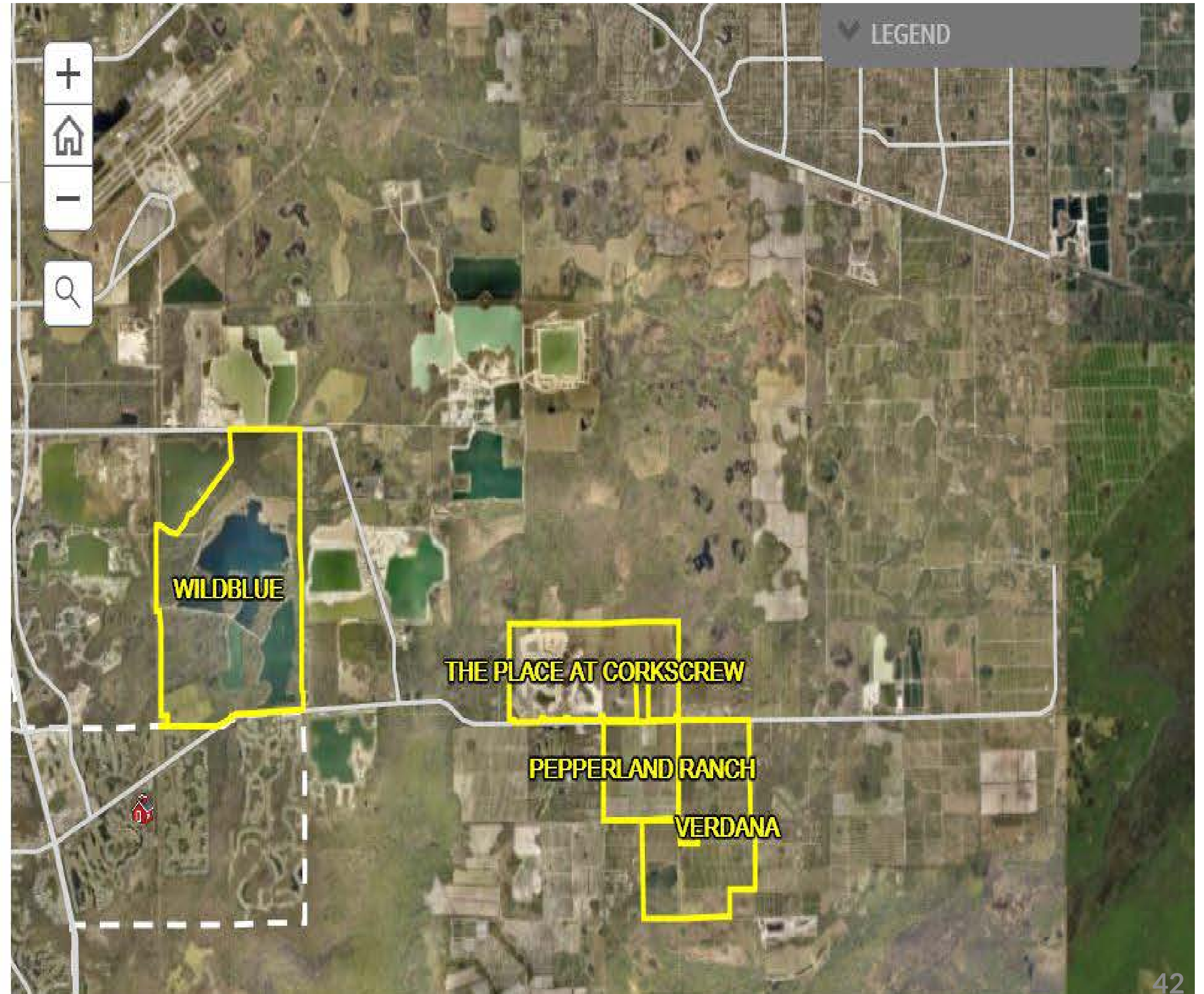
**Task 6** – Transportation Improvement Cost Estimates  
- Coming Soon

**Task 7** – Environmental Support Tasks - Coming Soon

**Task 8** – Proportionate Share Analysis/Identification  
of Potential

Financing Options - Lee County is working to establish the proportionate share of infrastructure-improvement costs that new development within the overlay will pay. This will be an important funding source – one of many – for the infrastructure improvements for this area.

# COUNTY TRAFFIC STUDY



# STATUS OF THE DEVELOPMENTS ON CORKSCREW ROAD

- **VERDANA: 1425 UNITS**
  - **COMP PLAN AMENDMENT IN PROCESS**
  - **ZONING IS IN PROCESS**

- **PEPPERLAND RANCH: 700 UNITS**
  - **COMP PLAN AMENDMENT APPROVED**
  - **ZONING HAS NOT BEEN SUBMITTED**

➔ ➤ **CORRECTION: ZONING IS APPROVED**

# 2045 LONG RANGE TRANSPORTATION PLAN

- Long range planning is the responsibility of the Metropolitan Planning Organization (M P O)
- Mandated by the Federal Transportation Administration
- The M P O Mission Statement:

*"Our mission is to provide leadership and promote regional mobility, encourage a positive investment climate and foster sustainable development sensitive to community and natural resources."*

*- Lee County Metropolitan Planning Organization*



## M P O BOARD MEMBERS

- 
- **LEE COUNTY BOARD OF COMMISSIONERS FOR ALL UNINCORPORATED AREAS**
  - **APPOINTED MEMBER OF INCORPORATED MUNICIPALITIES GENERALLY A COUNCIL MEMBER**

## LONG RANGE PLAN

- 
- **EVERY 5 YEARS THE CURRENT PLAN IS UP-DATED  
ADDING 5 YEARS**
  - **NEXT PLAN WILL COVER 2020 TO 2045 - 25 YEARS**
  - **THE 2045 PLAN WILL BE ADOPTED BY DEC, 2020**



## THE 2045 PLAN IS LIKELY TO BE A BIG DEPARTURE

- **VEHICLES HAVE CHANGED LITTLE IN LAST 40 YEARS**
  - **POWERED BY INTERNAL COMBUSTION ENGINE**
  - **CARRY 4 TO 7 PASSENGERS**
  - **REQUIRE BIGGER ROADS AS NUMBERS INCREASE**
- **VEHICLES WILL CHANGE DRAMATICALLY**
- **EXPERTS LIKE DANIEL SPERLING OF U.C. DAVIS PROPOSE THREE BIG CHANGES**
  - **ELECTRIFICATION: MANY ELECTRIC VEHICLES ARE ON THE ROAD TODAY**
  - **AUTOMATION: FIRST SIGNS ARE CRASH AVOIDANCE AND DRIVER ASSIST**
  - **POOLING: THE CAR IN THE GARAGE IS GONE**

# **IMPORTANT DATES**

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**TRANSPORTATION COMMITTEE MEETING**  
**Thurs., OCT 18, 2018 @ 9:30 A.M., Fine Mark Bank**

**LAND DEVELOPMENT CODE MEETING**  
**Tues. Oct 16, 2018 5:30 P.M., Village Hall**

**LONDON BAY PROPOSED WEEKS DEVELOPMENT**  
**Thurs., Oct 18, 2018 6:00 P.M., ESTERO H.S.**



# Health Committee

Don Eslick / Lowell Gerson

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Next Steering Committee Meeting:

Friday, Oct 26, 2:30 – 4:00 PM

at

Commons Enrichment Center

at

The Brooks

# ECCL

ESTERO COUNCIL OF  
COMMUNITY LEADERS



## ENVIRONMENTAL COMMITTEE REPORT – PETE CANGIALOSI



# Florida House Districts 76 and 78

78

76

The  
Vines

41

Estero

Bonita Springs

Grandeenza  
Stoneybrook  
Wildcat Run  
The Preserve  
Bella Terra  
Corkscrew Shores

Bogner (D)  
vs.  
Rodrigues (R)

69

75

# Florida Senate Districts 27 and 28

**27**

**Corkscrew Rd**

**Grandeeza**

**The Brooks**

**28**

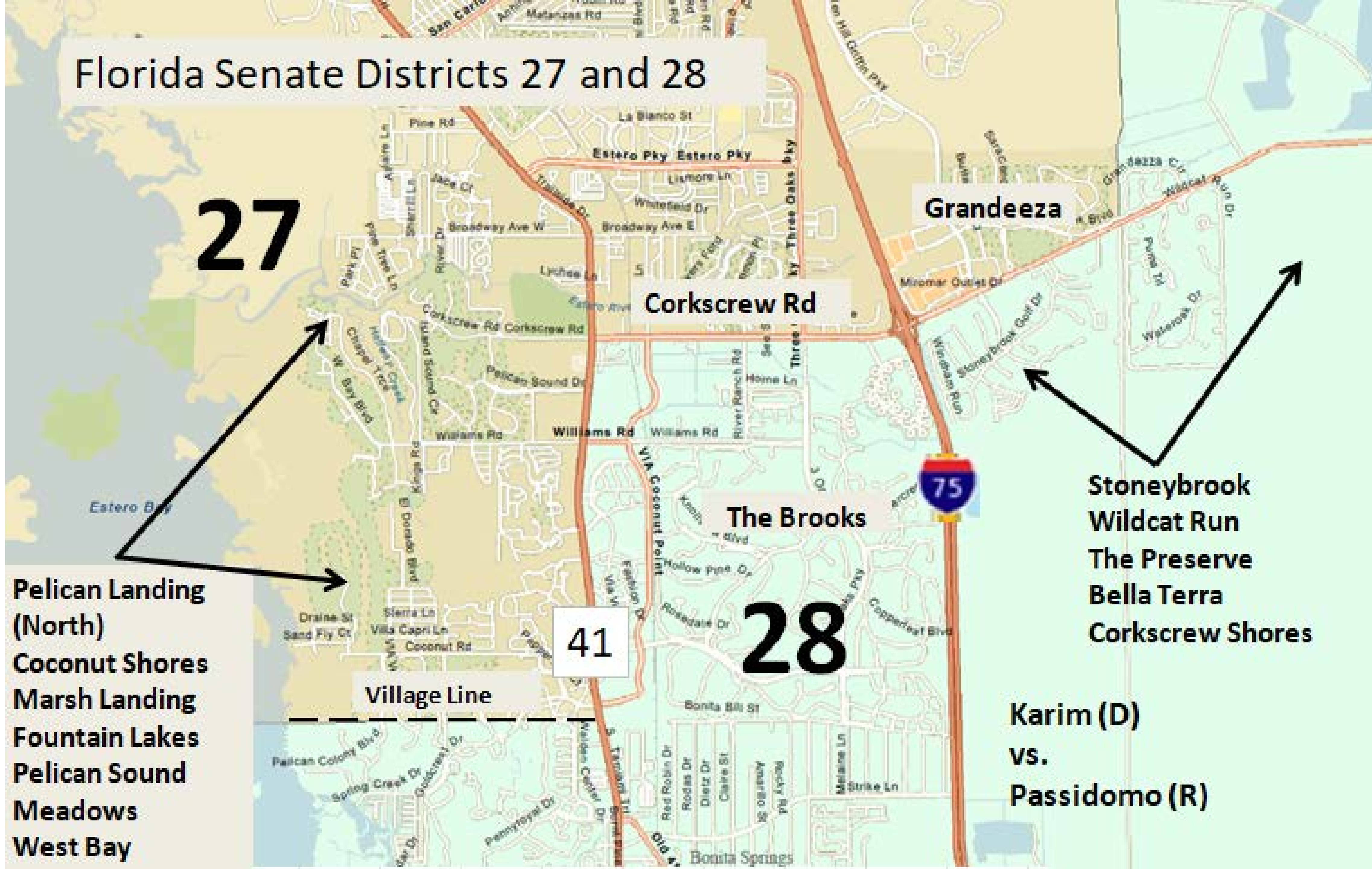
**41**

**Village Line**

**Stoneybrook  
Wildcat Run  
The Preserve  
Bella Terra  
Corkscrew Shores**

**Pelican Landing  
(North)  
Coconut Shores  
Marsh Landing  
Fountain Lakes  
Pelican Sound  
Meadows  
West Bay**

**Karim (D)  
vs.  
Passidomo (R)**





# Argo, Corkscrew Crossing



- 625 Units
- 396 Acres Total
- 178 Acres Developed
- 178 Acres of Wetlands Filled
- 218 Acres Preserved
- PZB – Oct 23, Tent.



## **“Estero on the River” Property, Purchase and Planning – Jim Tatooles**





## ESTERO ON THE RIVER PURCHASE







## **JA Estero Schools Recruitment Progress Report**

**- Jim Shields**

## **EOC Assistance to Pinewoods Elementary**

**- Jim Shields**

## **Fall Program for the FGCU Institute for Entrepreneurship**

**- Bill Motzer**

K-12  
PROGRAMS

**free  
market  
economy**



a system in which  
goods and services are  
bought and sold freely  
with little government  
interference

# JA CAREER SUCCESS<sup>®</sup>

Guide for Volunteers and Teachers







**FINANCIAL – LINDA TECCO-ROACH for BOB LIENESCH**

## SUMMARY FINANCIAL REPORT FOR THE MONTH ENDED SEPT 30, 2018



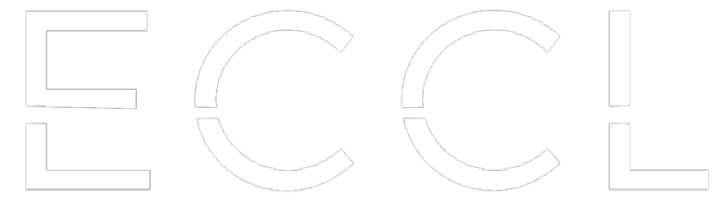
Income	
Dues	\$ _____
Total Income	0
Expenses	
Internet communications, media, and PR	- 1,081
Printing	- 16
Total Expenses	----- - 1,098 -----
Excess of Expenses Over Income for Sept.	\$- 1,098 =====
Excess of Expenses over Income for 2018	\$- 7,386 =====
Cash Balance at September 30, 2018	\$8,745 =====

For further details, see the financial statements linked to the agenda or at [www.EsteroToday.com](http://www.EsteroToday.com)

### DUES STATUS

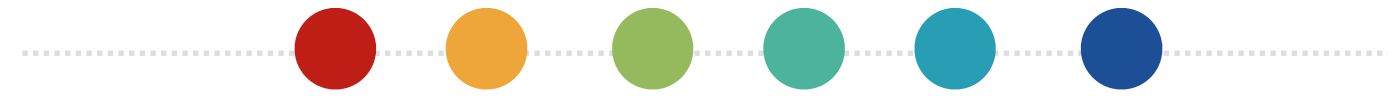
All communities have paid their 2018 dues. Thank You.





ESTERO COUNCIL OF  
COMMUNITY LEADERS

# Adjournment



## Next Meeting

**Friday, November 9, 2018**

**10 AM**

**@ Estero Community Park**

