

COMMITTEE MEETING EXPANDED AGENDA**SELECT COMMITTEE ON INDIAN RIVER LAGOON AND
LAKE OKEECHOBEE BASIN****Senator Negron, Chair**
Senator Dean, Vice Chair**MEETING DATE:** Tuesday, September 24, 2013**TIME:** 4:00 —5:30 p.m.**PLACE:** *Pat Thomas Committee Room, 412 Knott Building***MEMBERS:** Senator Negron, Chair; Senator Dean, Vice Chair; Senator Montford, Vice Chair; Senators Altman, Benacquisto, Grimsley, Hays, Joyner, and Sachs

TAB	BILL NO. and INTRODUCER	BILL DESCRIPTION and SENATE COMMITTEE ACTIONS	COMMITTEE ACTION
1	Update on system status and discussion of implementation of proposed short-term solutions by Ernie Barnett, Interim Executive Director, South Florida Water Management District		Presented
2	Presentation on options to slow northerly flows in the Indian River Lagoon by Jim David, Director of St. Lucie County Mosquito Control and Coastal Management		Presented
3	Public Testimony		Presented
4	Other related meeting documents		

Lake Okeechobee Caloosahatchee and St. Lucie Estuaries Update

*Senate Select Committee on Indian River
Lagoon and Lake Okeechobee Basin
Senator Joe Negron, Chair*

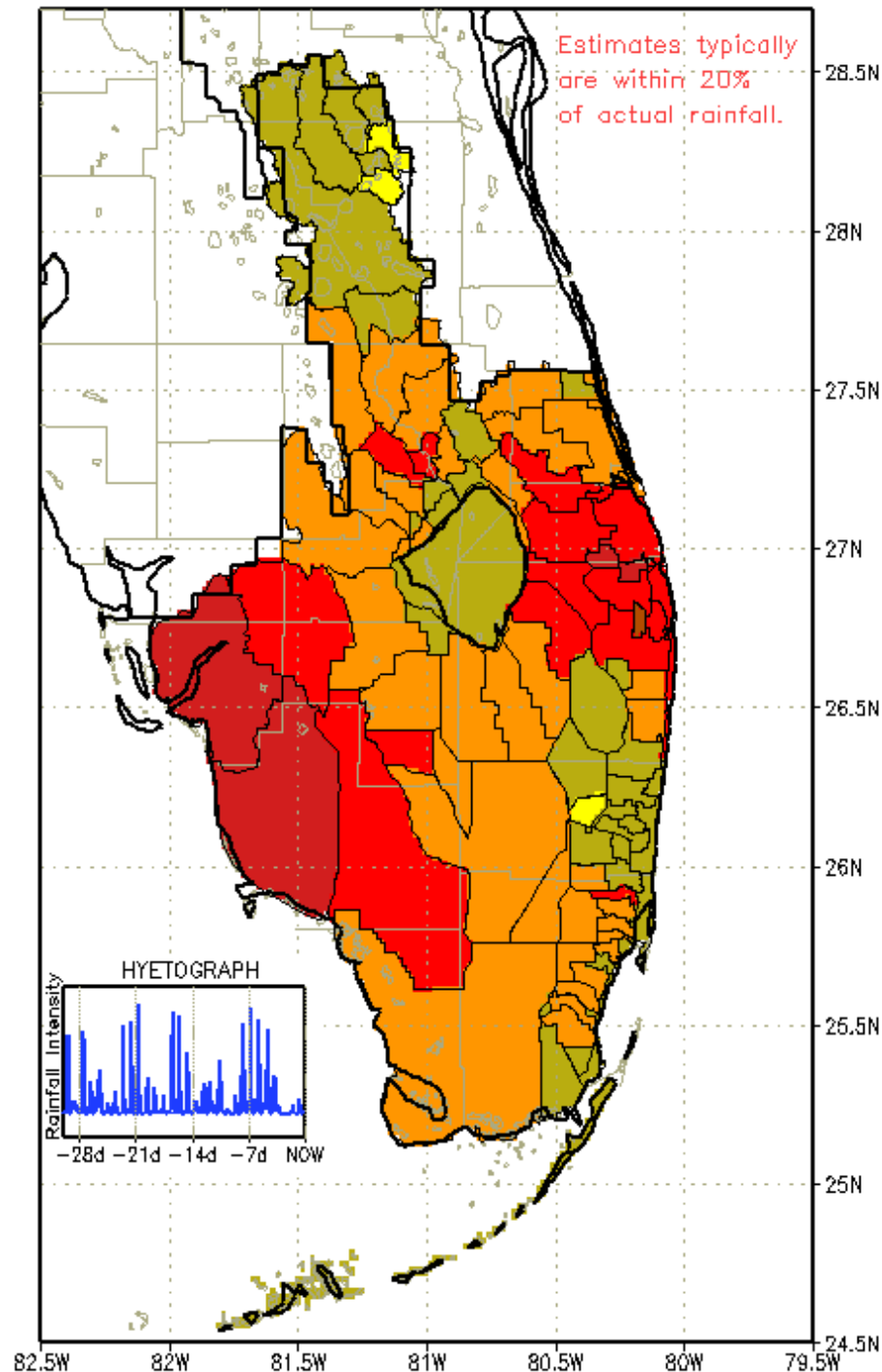
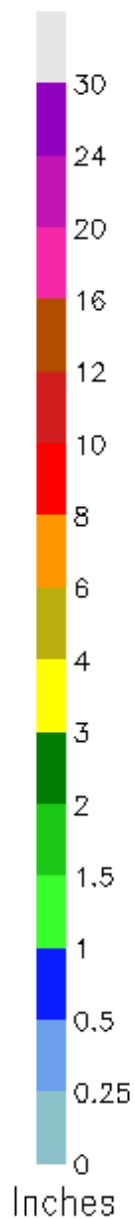
September 24, 2013

Ernie Barnett, Assistant Executive Director
Everglades and Water Resources
South Florida Water Management District



SFWMD RAINDAR 30-DAY BASIN RAINFALL ESTIMATES

FROM: 0515 EST, 08/24/2013 THROUGH: 0515 EST, 09/23/2013



DISTRICT-WIDE RAINFALL ESTIMATE: 7.267"

SFWMD Wet Season Rainfall

May 18 2013 – Sep 10 2013

DISTRICT-WIDE: 33.03"
(122% of Avg, or +6.05")

- Wet Season Started ~May 18th
- All basins > 100% average
- April-July was very wet
- April-August period was 2nd wettest in 81-yr record (1947 was wettest by 0.37")

C&SF System Status Update

Current Conditions

22 September 2013, 0000 hrs

LAKE OKEECHOBEE

Stage

15.76 ft (Rising)

Structure Flows

Total Inflow: 8,290 cfs

Total Outflow: 3,400 cfs

Other Estimated Net Gains/Losses

Direct Rain/ET/Others: 4,420 cfs

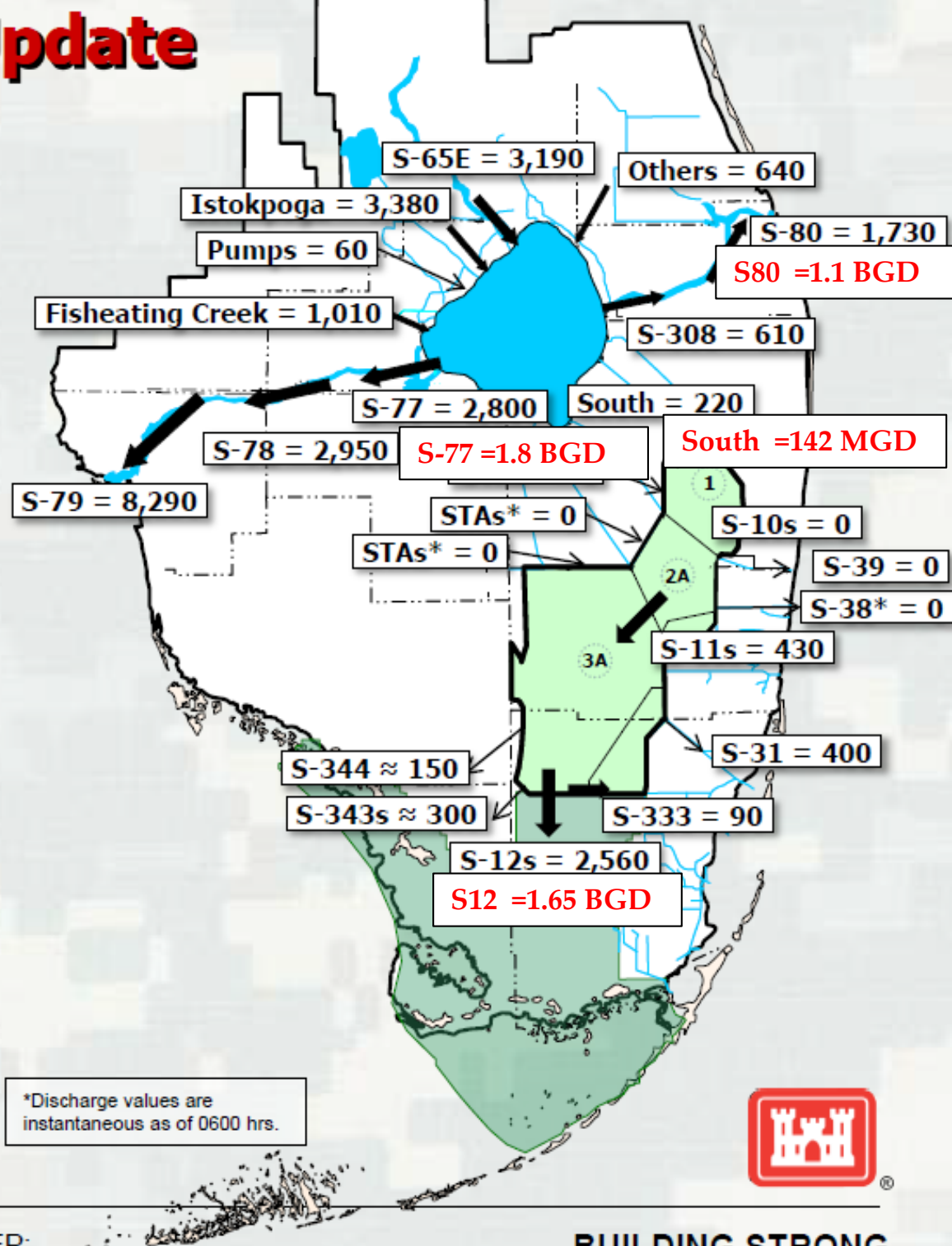
Target Outflows

S-77: 4,000 cfs

S-80: 1,800 cfs

Area	Stage	Departure from Reg.	Trend
WCA-1	16.71 ft	-0.72'	Steady
WCA-2A	13.47 ft	+0.67'	Steady
WCA-3A	11.02 ft	+1.28'	Steady

Elevations are in feet, NGVD29
Flows are in average daily CFS



BUILDING STRONG®

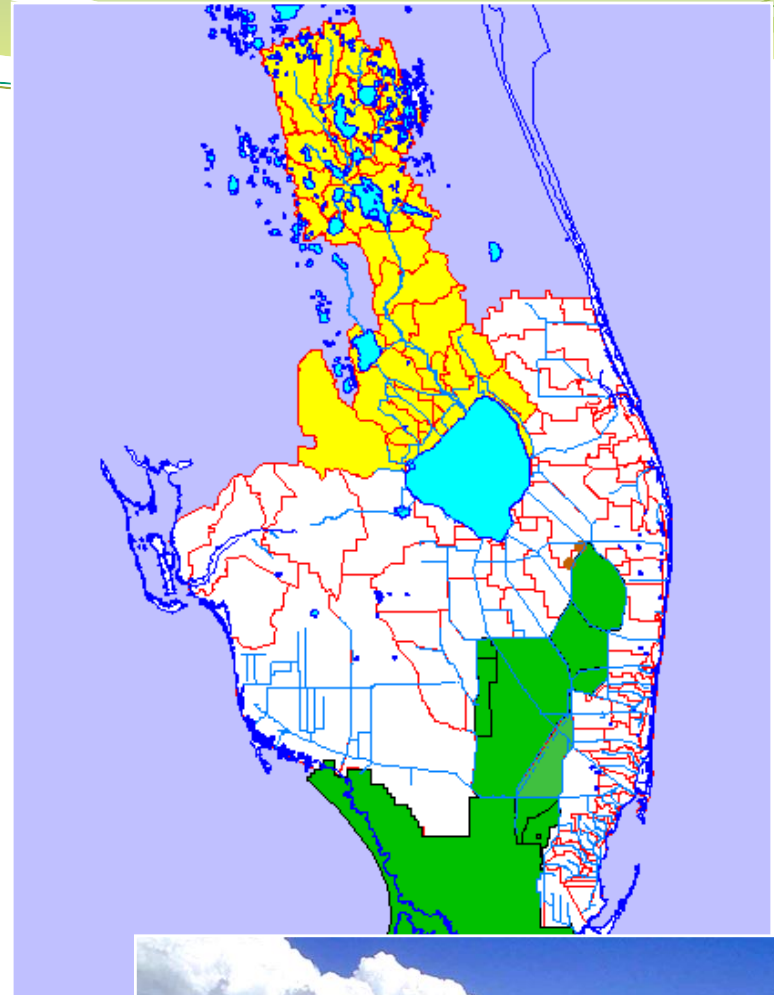
For more detailed information please see our SITREP:
<http://w3.saj.usace.army.mil/h2o/reports/r-sitrep.html>



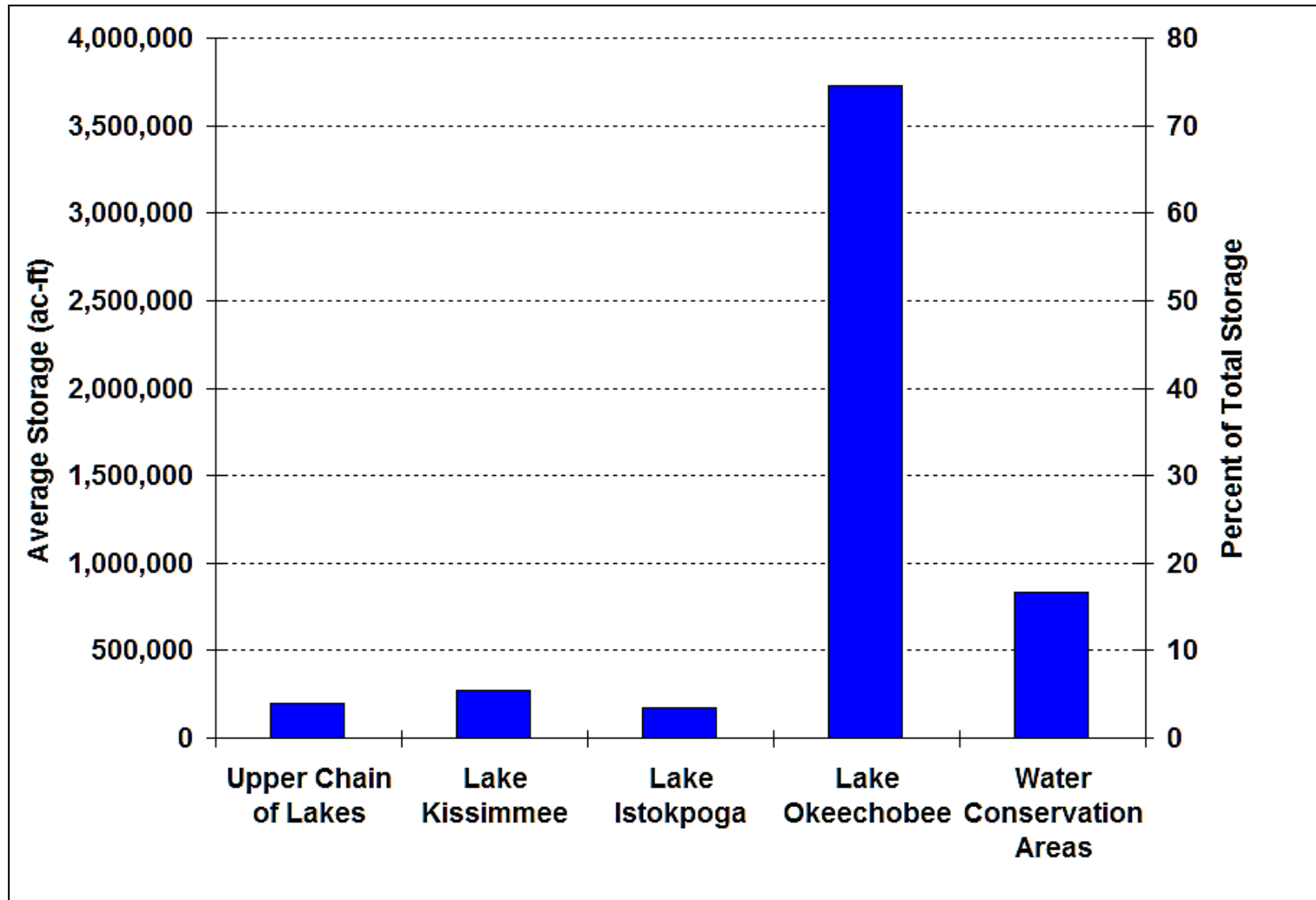
LAKE OKEECHOBEE Herbert Hoover Dike Rehabilitation

Lake Okeechobee

- 5,000 square mile watershed drains into the 730 square mile Lake
- Water levels driven largely by climatic conditions
- Serves multiple purposes:
 - Water Supply Storage
 - Flood Protection
 - Unique Ecosystem
 - Recreation
- HHD rehabilitation in progress

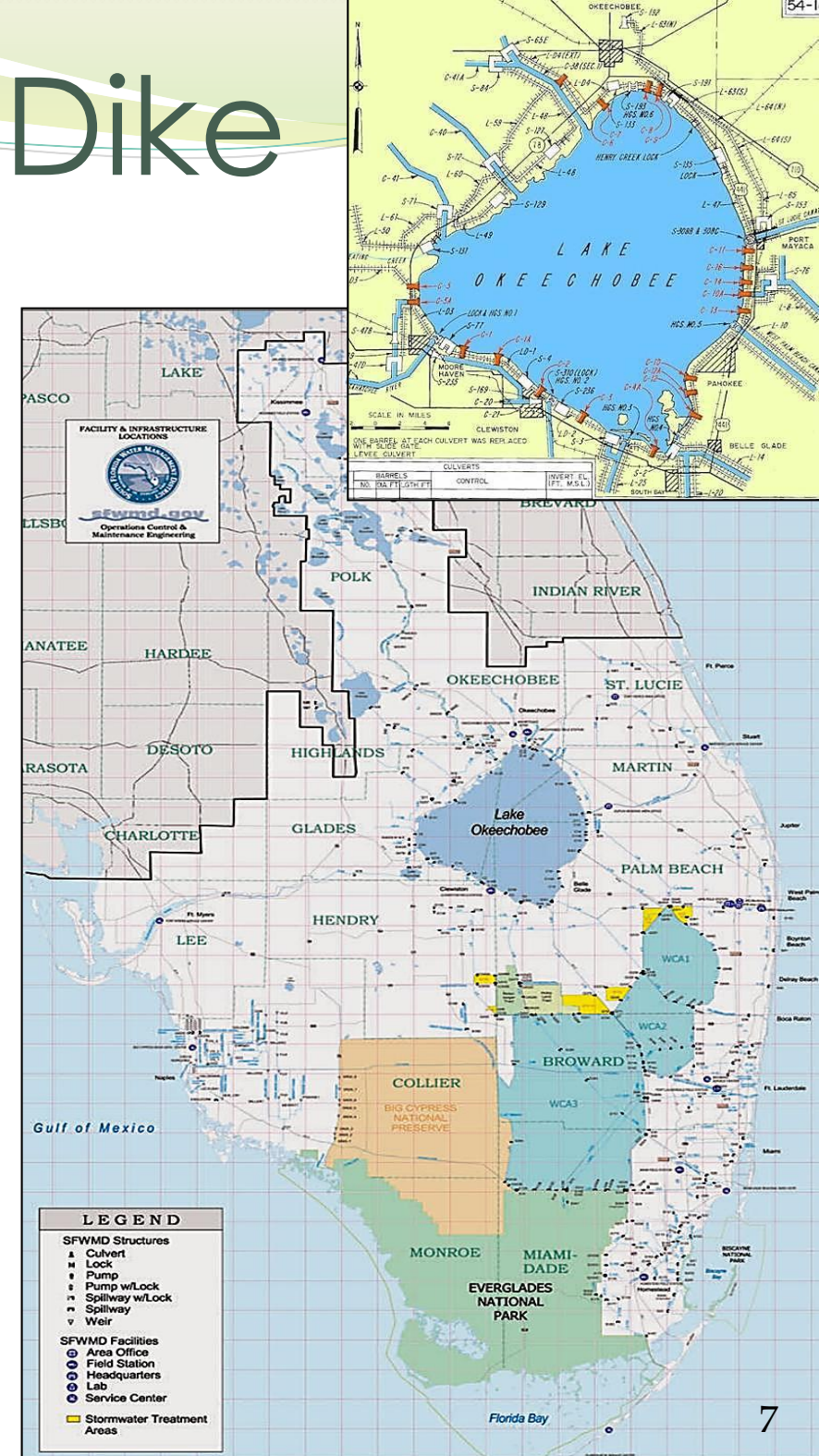


Average Storage in Lakes and Water Conservation Areas



Herbert Hoover Dike

- Constructed as part of the Central & Southern Florida Flood Control project (Flood Control Act of 1948)
- 143 miles of embankment around Lake Okeechobee
 - 32 federal culverts
 - 5 spillway inlets
 - 5 spillway outlets
 - 9 navigation locks
 - 9 Pump stations
 - Height: 32' – 45'
 - Avg width: 20' top / 250' bottom
- Inflow capacity exceeds outflow capacity
- Drainage basin ~ 4,600 sq. miles



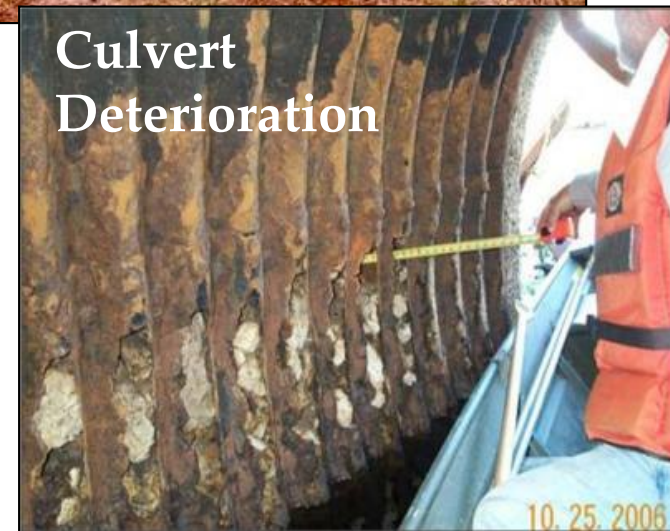
HHD Problems

- **Embankment**
 - Internal erosion (seepage, piping)
 - Through embankment
 - Through foundation
- **Culvert Structures**
 - Erosion into the structure
 - Erosion around the structure (piping)
- **One of highest priorities in the U.S. - Urgent & Compelling situation requiring significant & immediate action**

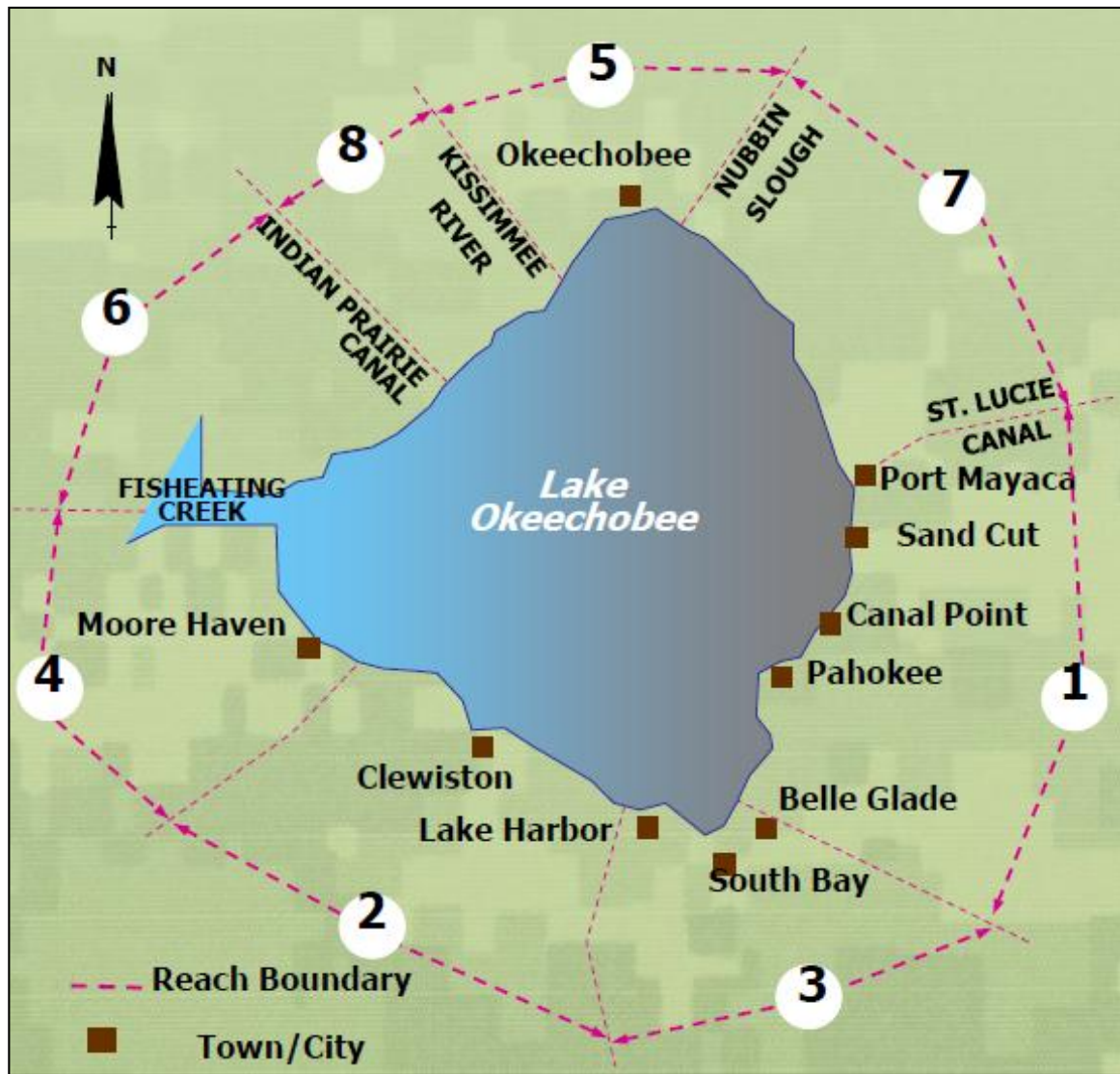
Probability of
breach without
intervention

Lake Elevation (ft., NGVD)	Combined Probability of HHD Breach (%)
15	1
17	11
18	45
21	100

(Table H-10.2, 1998 HHD MRR & LORS FEIS, A-3)



HHD Solutions



- **Major Rehabilitation Report (MRR) 2000**
 - 143 miles of embankment
 - Divided into 8 reaches
- **Reach 1 Rehab Plan**
 - Cut-off wall
 - Seepage berm
 - Culvert replacements
- **Risk-Based Approach**
 - System-wide risk
 - Prioritize implementation
 - Cut-off wall and culvert replacements
 - Planning for remaining features complete in 2015

Corps of Engineers Investment

CURRENT BUDGET:

FY2001 thru FY2012	\$512M
FY2013	\$130M
<u>FY2014 President's Budget</u>	<u>\$ 86M</u>
	\$728M

\$2B ESTIMATED TOTAL PROJECT COST

- Completed rehabilitation work
- Planned work for all culvert structures
- Completion of the Dam Safety Modification Study
- \$1B for future embankment modifications which requires the approval of the Dam Safety Modification Study

\$11M ANNUAL OPERATIONS EXPENDITURES



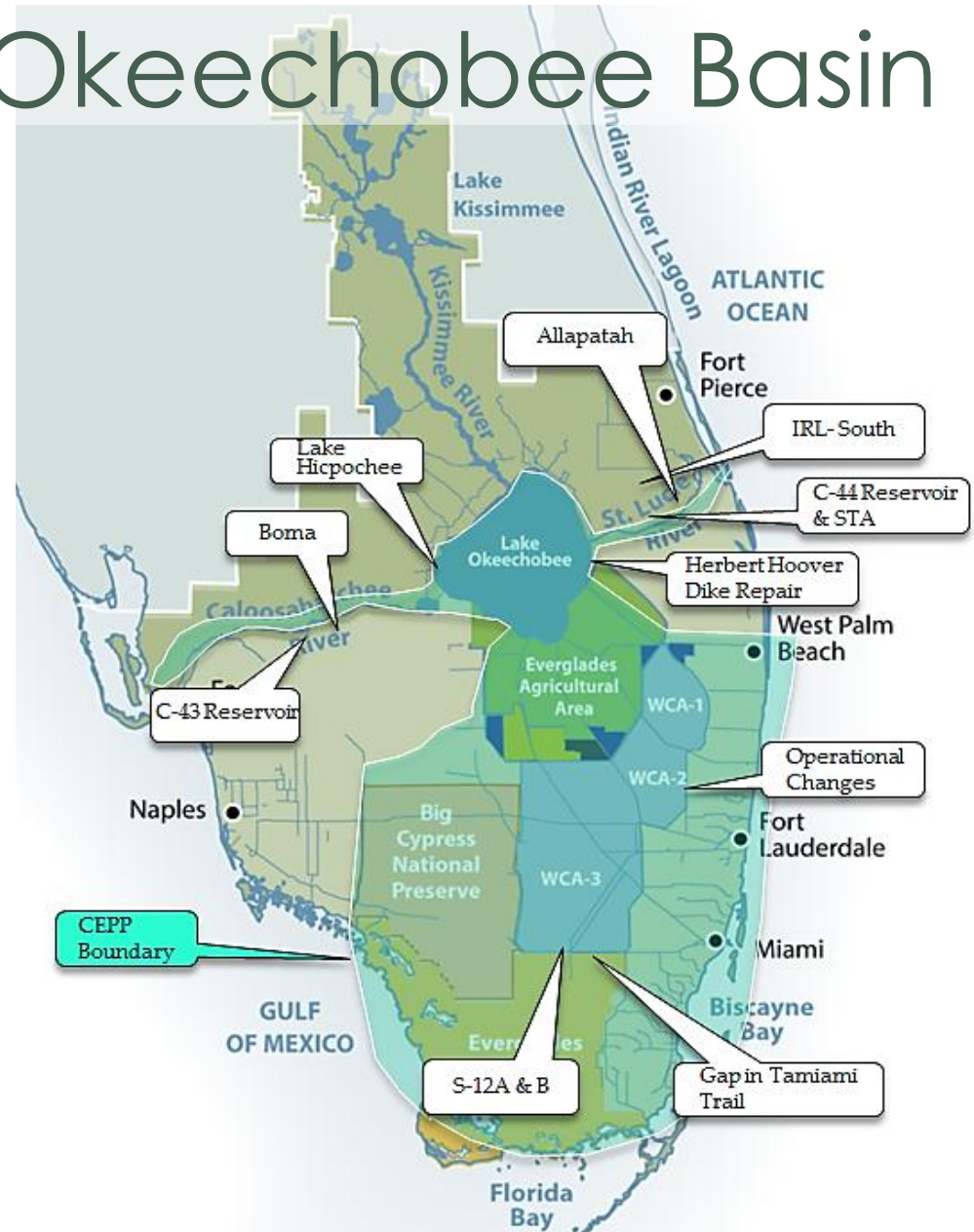
Reevaluate LORSS Risk Assessment



- Reevaluate the risk assessment for regulation schedule
 - Based on repairs, can the USACE use operational discretion within LORSS to reduce discharges
- If not:
 - Determine when risks have been reduced to allow operational discretion
- Evaluate environmental conditions and timing that may allow for increased operational discretion

Recommendations to the Senate Select Committee on Indian River Lagoon and Lake Okeechobee Basin

- Send more water south
 - Alternate operational approaches & pathways
- Public land storage
- Cut a new gap in Tamiami Trail
- Vegetation removal at S-12A & B

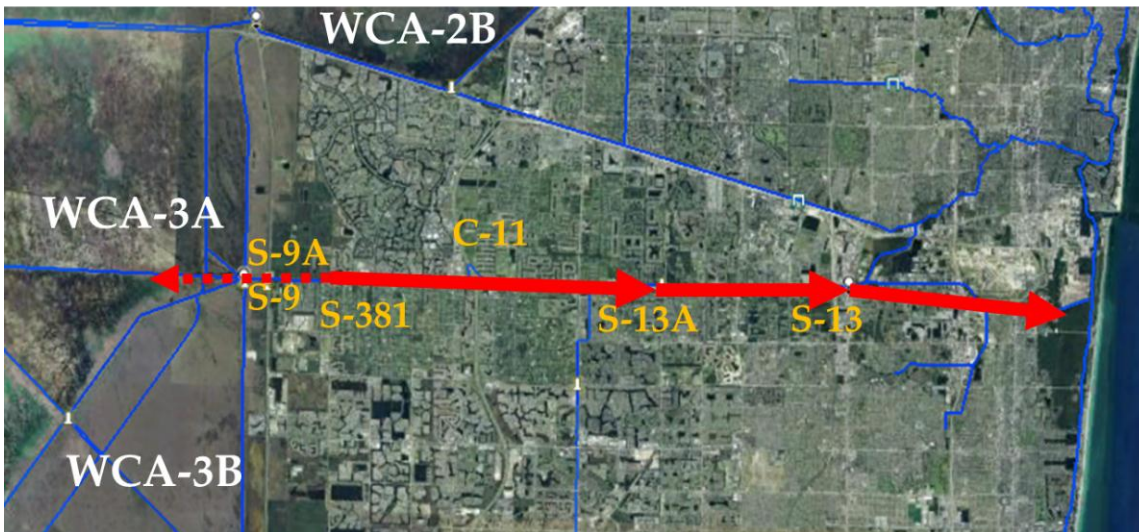
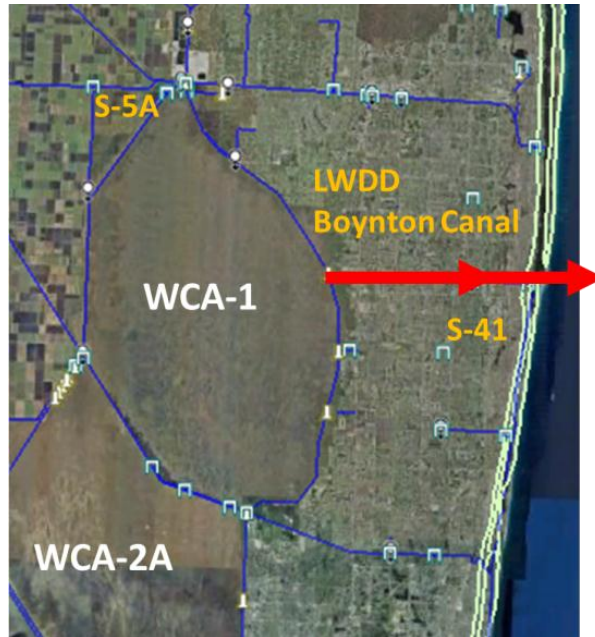
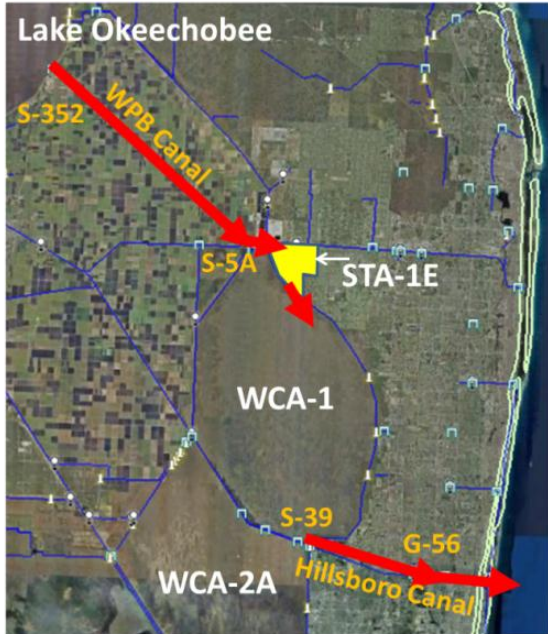


Emergency Storage Efforts

- Storing water on pre-construction project lands:
 - C-43 West Basin Storage Reservoir site: ~391 million gallons
 - BOMA Property: ~272 million gallons
- East County Water Control District
 - Mirror Lakes: ~96 million gallons
- Private Lands in St. Lucie Watershed: ~335 million gallons
 - Reimbursement of direct costs



Operational Changes

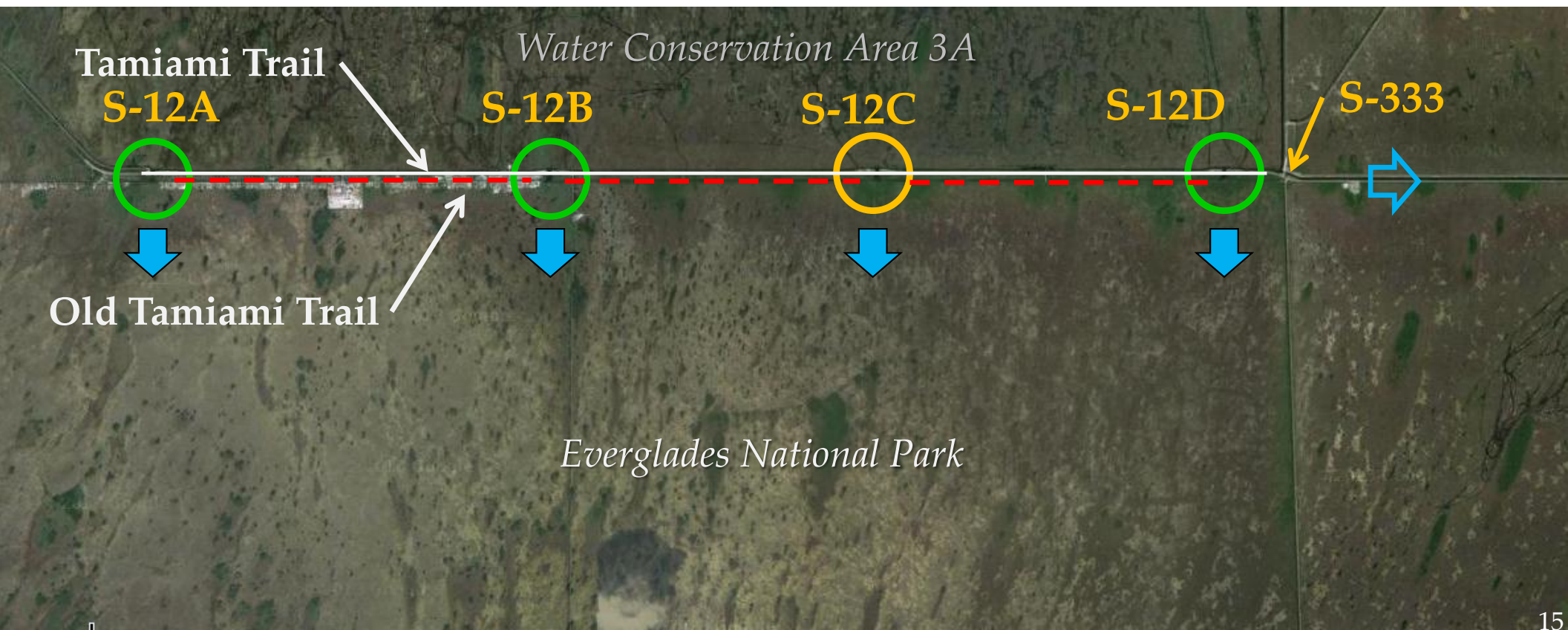


- SFWMD has moved over 9.8 billion gallons of water south out of Lake Okeechobee since August 1
- Target is to ultimately send up to 1 billion gallons per day.

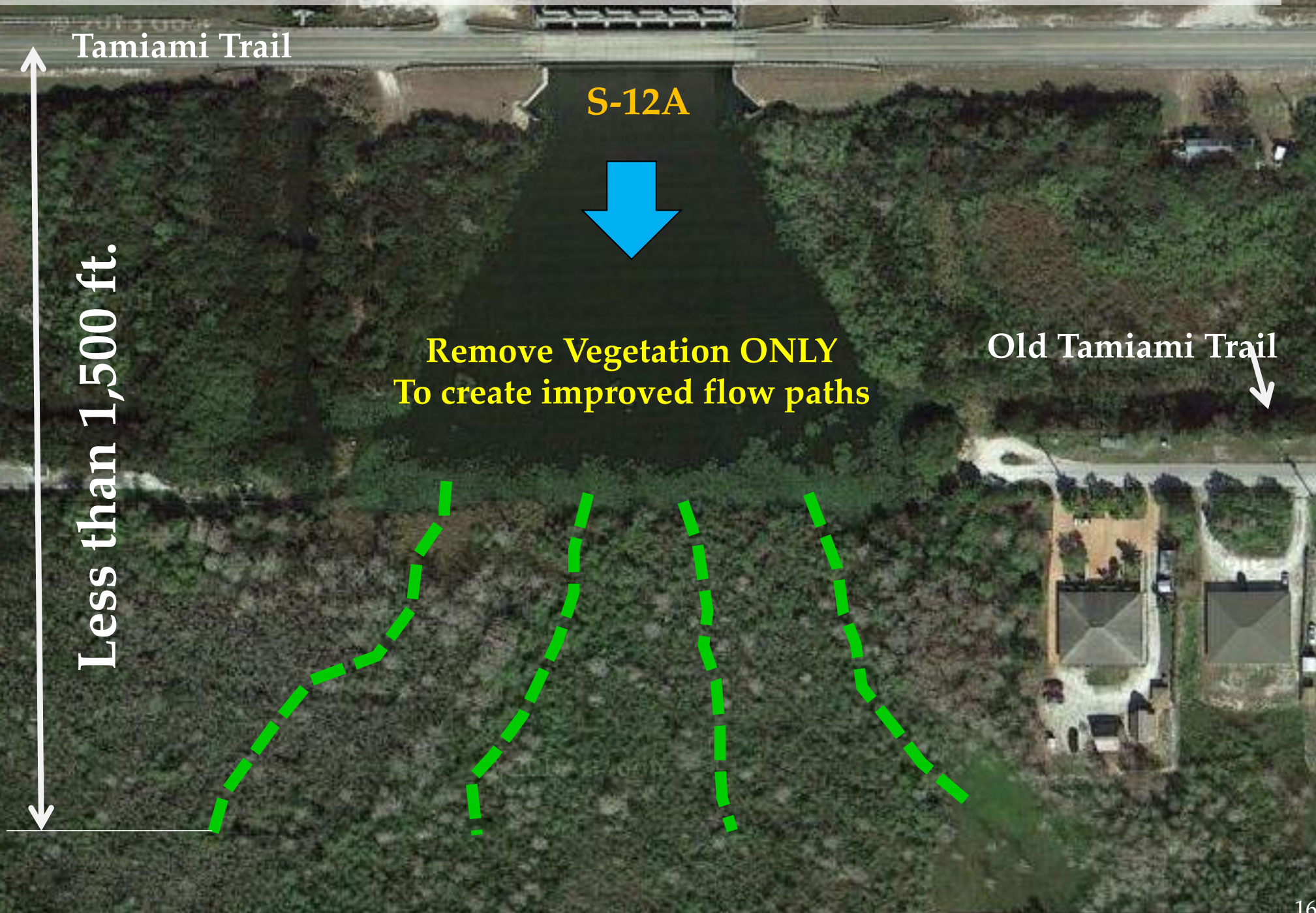
May 1st through Aug 31st		
SITE	TOTAL (AF)	TOTAL (BILLION GALLONS)
S354	14,510	4.73
S352	28,507	9.29
S351	12,372	4.03
C10A	19,640	6.40
Total	75,029	24.45

Maximizing WCA-3A Regulatory Discharge to Everglades National Park via the S-12s

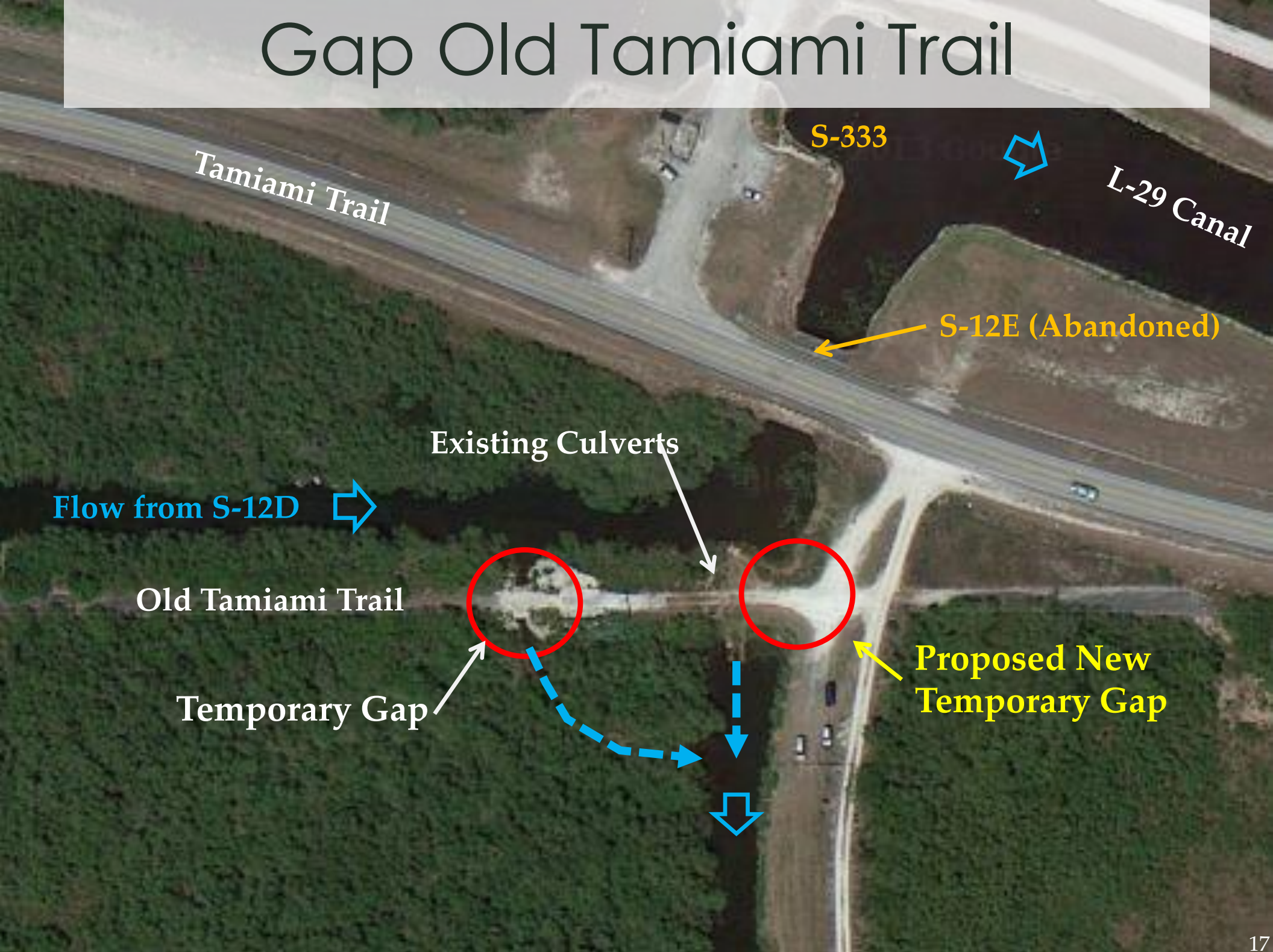
- Physical limitations to discharge via S-12s
- Downstream Vegetation
- Old Tamiami Trail



Vegetation Removal at S-12 A & B



Gap Old Tamiami Trail







09/03/2013







09/07/2



09/07/2013

QUESTIONS?



09/07/20



ST. LUCIE
COUNTY
FLORIDA

EMERGENCY RESPONSE

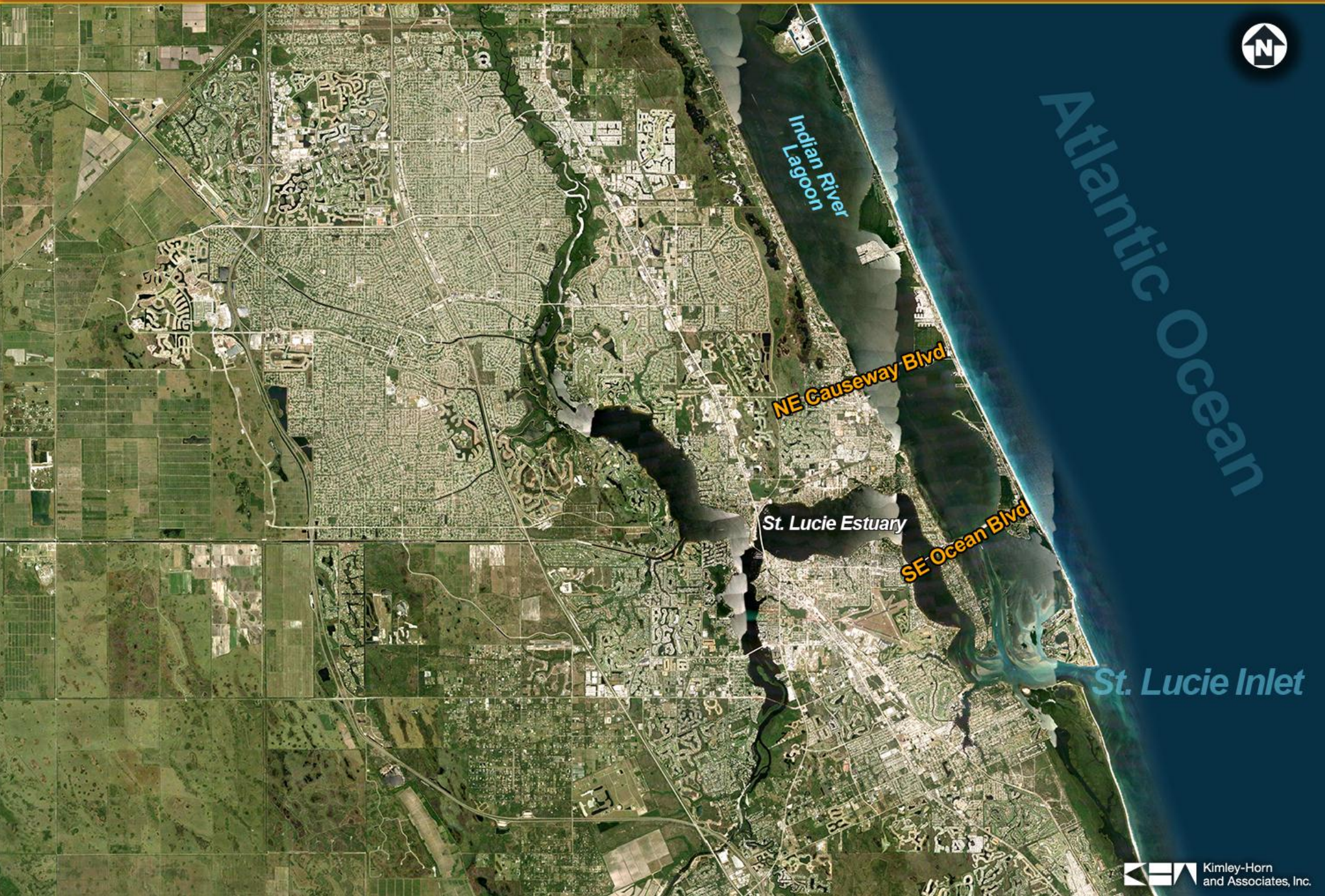
FOR
INDIAN RIVER LAGOON



Kimley-Horn and Associates, Inc.

EMERGENCY RESPONSE

FOR INDIAN RIVER LAGOON



Atlantic Ocean

NE Causeway Blvd

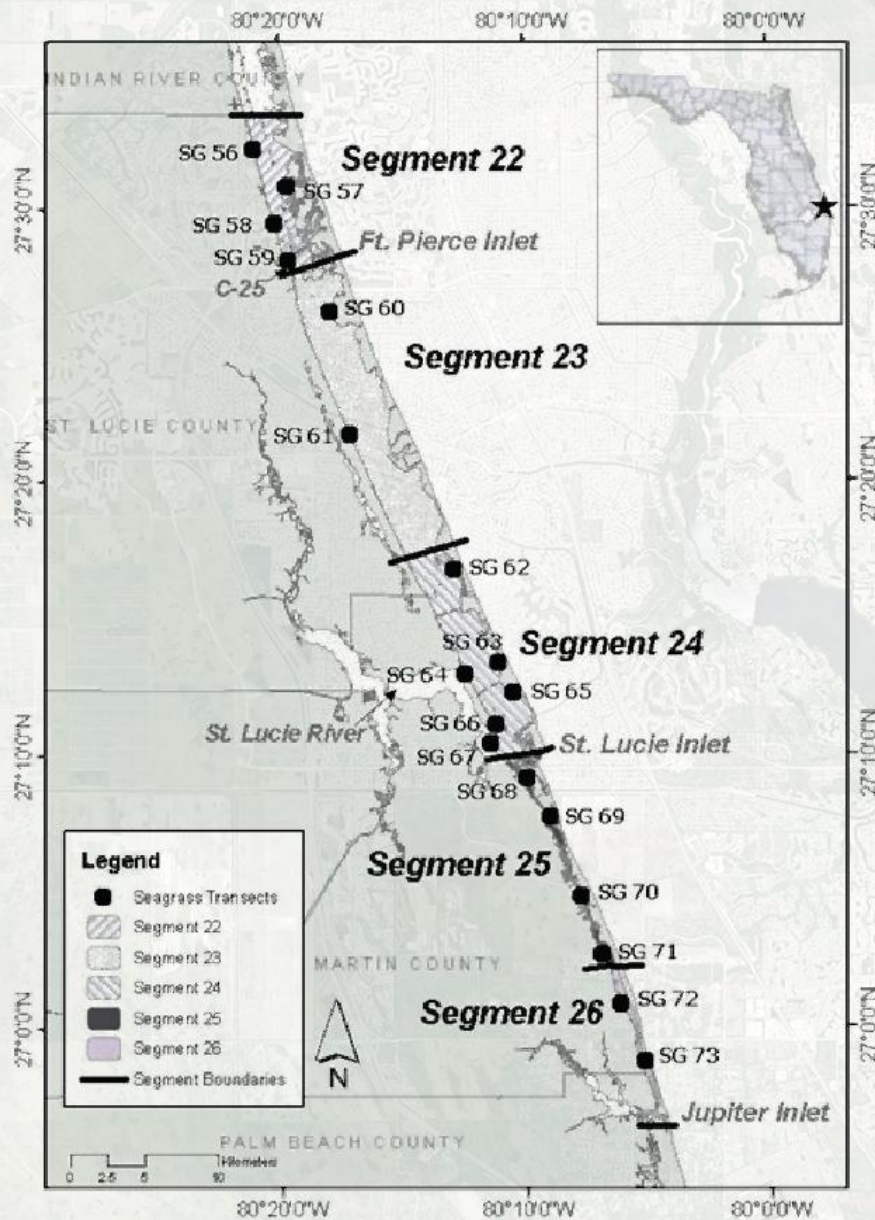
SE Ocean Blvd

St. Lucie Estuary

St. Lucie Inlet



Kimley-Horn
and Associates, Inc.



Segment	Seagrass Acre
22	2506
23	2646
24	1623
25	195
26	437
Total	7407

Jensen Beach Blvd., July 31st



IRL Stations September 17th 2013





Water Quality Data September 2013

WATER QUALITY DATA SEPTEMBER 2013

Date	Time	Temp	SpCond	Cond	Salinity	DO%	DO Conc	DO Charge	Depth	pH	pHmV	ORP	EH	IMPOUND	PLACE
9/17/2013	9:20:57 AM	27.64	38.56	40.5	24.45	80.7	5.55	33	0.046	7.77	-58	237	0.47767274664023	01	8BRIVER
9/17/2013	9:44:28 AM	27.71	41.31	43.45	26.39	84.8	5.76	34	0.055	7.88	-64.7	249	0.49611581991274	02	NETTLES
9/17/2013	8:43:27 AM	28.26	53.88	57.23	35.52	91	5.82	35	0.044	8	-71.4	234	0.487826510518622	03A	SE O ICW
9/17/2013	8:44:58 AM	28.31	53.94	57.35	35.56	92.1	5.89	35	3.885	8.04	-74	213	0.469152884186778	03B	SE O ICW D
9/17/2013	10:07:48 AM	27.54	40.6	42.57	25.89	89.5	6.11	34	0.062	7.93	-67.4	233	0.483179754951642	04A	JB O ICW
9/17/2013	10:08:49 AM	27.56	40.87	42.87	26.08	86.5	5.9	34	4.224	7.94	-67.9	232	0.482756356100506	04B	JB O ICW D

Response Area



Seagrass Segment 23 May 2013



Indian River Lagoon Water Quality Mitigation Plan

- **Purpose:**
 - Dilute leading edge of approximately 7,640 acres of impaired water via mixing with Atlantic Ocean water:
 - reduces impact risk to approximately 2,646 acres of seagrass in Segment 23
 - minimizes the potential of Cyanobacteria blooms of *Microcystis aeruginosa*, found in the impaired waters

Indian River Lagoon Water Quality Mitigation Plan

- **Geographic Location:**
 - This area is approximately 8 miles south of the Ft. Pierce Inlet and lies in the southern end of Segment 23

Indian River Lagoon Water Quality Mitigation Plan

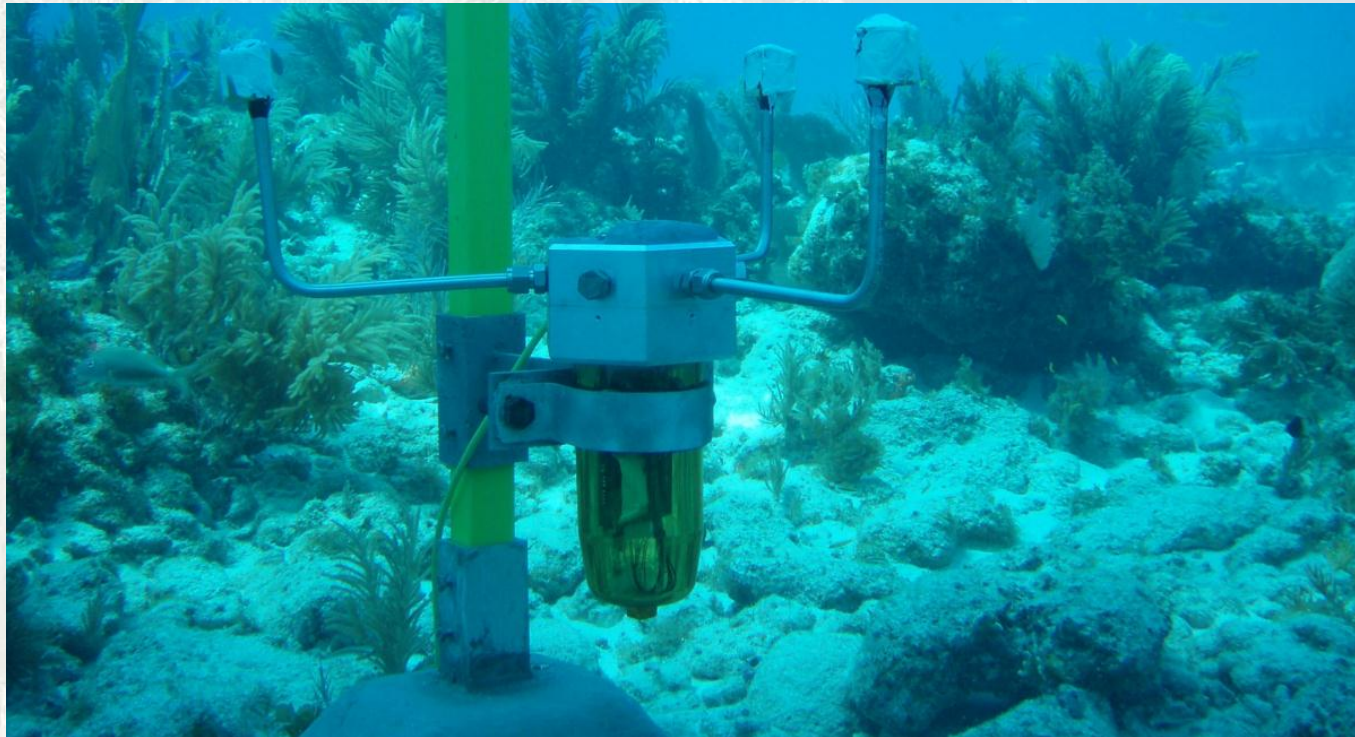
- **Design:**
 - A temporary pump station is proposed to be installed which would consist of two 30,000 gpm pumps at Blind Creek, to be placed offshore beyond the breaking wave zone on a barge and discharging into Blind Creek.

Blind Creek Station

(Station and Pipe to be Field Located)



Water Quality Sampling



Kilroy Water Quality Sampler (ORCA)

Tide Level	Redox
Current Direction & Flow	Alkalinity
Temperature	DO
Salinity	POC
Ph	DOC

Blind Creek Pump Station (Temporary Pump Station)

Equipment and Installation:	\$1,100,000
Engineering, Permitting and Water Quality Monitoring:	<u>\$200,000</u>
	\$1,300,000

Note:

Total does not include operational cost and maintenance.

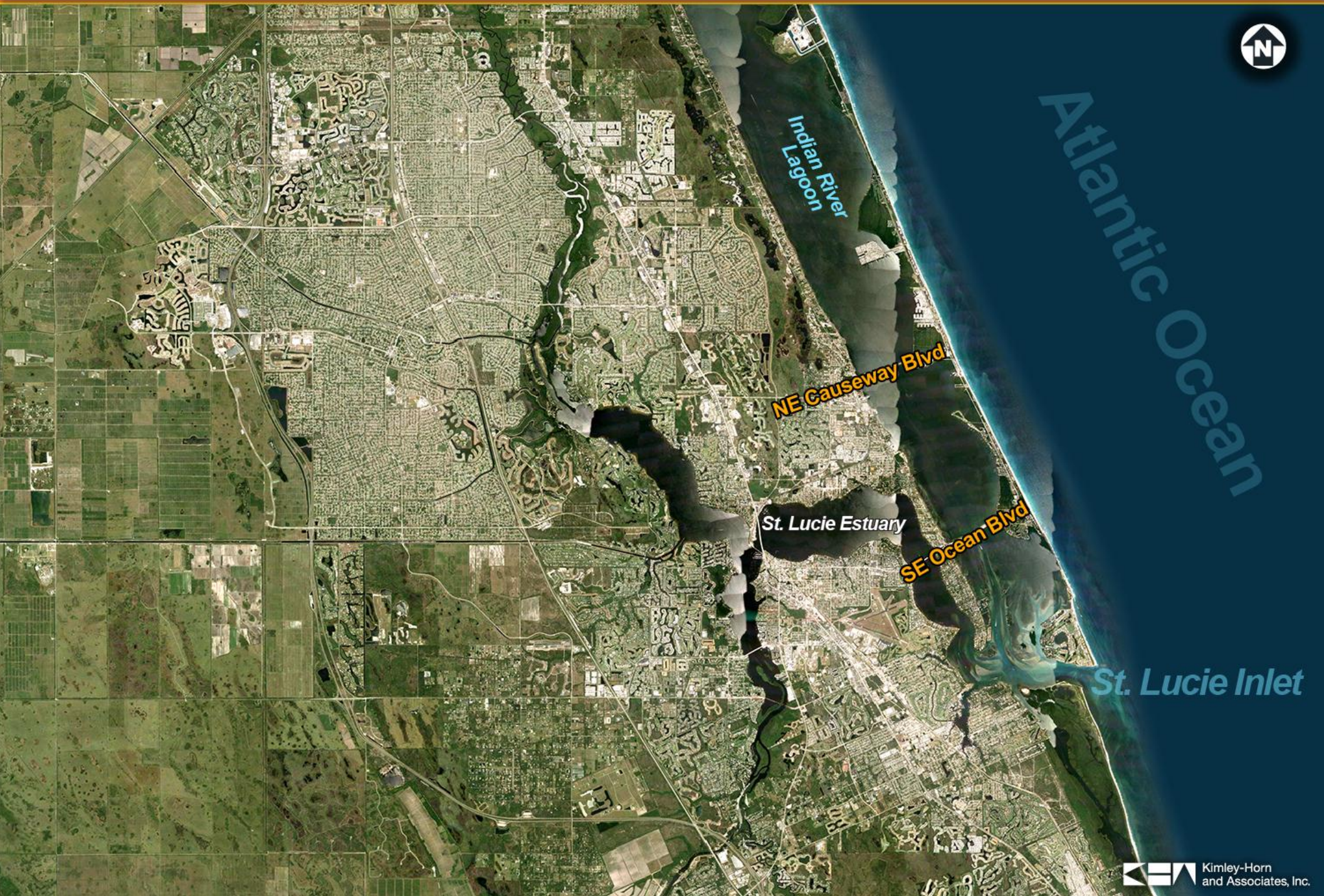
Costs are preliminary based upon conceptual design.

Available state assistance, equipment, support or materials would reduce costs.

Support Agencies would include DEM, DEP, SFWMD, and SLCo

EMERGENCY RESPONSE

FOR INDIAN RIVER LAGOON



Atlantic Ocean

Indian River
Lagoon

NE Causeway Blvd

St. Lucie Estuary

SE Ocean Blvd

St. Lucie Inlet

September 23, 2013

Office of Governor Rick Scott
State of Florida
The Capitol
400 S. Monroe St.
Tallahassee, FL 32399-0001

Dear Governor Scott,

On behalf of afflicted coastal residents, South Florida taxpayers and millions of people whose drinking water depends on a restored Everglades, **we call on the State of Florida to complete the purchase of up to 153,000 acres of U.S. Sugar lands** before the exclusive option expires next month.

Five years ago, the South Florida Water Management District announced it would purchase 187,000 acres of U.S. Sugar's land south of Lake Okeechobee to restore clean water to the Everglades and provide relief to coastal estuaries. On October 12, 2010, the District closed on a contract to purchase 26,800 acres of land for \$197 million, while retaining a three-year exclusive option for the rest.

The state's exclusive 3-year option -- to purchase either a specifically identified 46,800 acres or the entire 153,000 acres at a fixed price of \$7,400 per acre -- will expire next month forcing the state to pay market prices for the land and compete with other buyers.

On November 18, 2010, the Florida Supreme Court ruled that the U.S. Sugar purchase "serves the public purpose of conserving and protecting water and water-related resources." Never before has that public purpose been more evident. Coastal estuaries served by the Caloosahatchee and St. Lucie Rivers are collapsing along with their local economies. While short-term solutions can provide limited relief, the permanent solution is to send more water south to the Everglades by buying more sugar land to store, clean and eventually flow water south.

The purchase of U.S. Sugar lands before October 12, 2013, represents the most cost-efficient method for storing, treating and moving water south. We strongly urge you to make the investment in Florida's future at a price that may never come again.

Sincerely,

Frank Jackalone
Senior Staff Manager
Sierra Club

Jennifer Hecker
Director of Natural Resource Policy
Conservancy of Southwest Florida



Manley Fuller
President and CEO
Florida Wildlife Federation

Rae Ann Wessel
Natural Resource Policy Director
Sanibel Captiva Conservation Foundation

Kathleen E. Aterno
Florida Director
Clean Water Action

Katie Tripp, Ph.D.
Director of Science and Conservation
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Sandy Gilbert
Chairman
START
(Solutions To Avoid Red Tide)

Linda Young
Florida Clean Water Network

Burton Eno PhD, PE (ret)
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Rainbow River Conservation, Inc.

Donna Melzer
Martin County Conservation Alliance

Dan Hilliard
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W.A.R., Inc.

Kings Bay Springs Alliance

Peter Anderson
Chairman, President and CEO
REEF RELIEF

Karen Fraley, CIG
Sarasota Bay Guardians Coordinator
Manager/Naturalist
Around the Bend Nature Tours LLC

John McCabe
President
Ding Darling Wildlife Society

Mark Perry
Executive Director
Florida Oceanographic Society

Michael J/ Holsinger
Holsinger Horticultural Services

Russ Hoffman
Beautiful Ponds

Carol Leonard
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Island Aeromarine Services

Alexis Segal
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Mike Chenoweth
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Izaak Walton League of America

Florida Keys Chapter of the
Izaak Walton League of America

Pamela Pierce
Cypress Chapter of the
Izaak Walton League of America

Michael Orchin
Cape Coral Friends of Wildlife

Laurie Macdonald
Director, Florida Programs
Defenders of Wildlife

Matthew Schwartz
Executive Director
South Florida Wildlands Association

John Marshall
Chairman
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Alan Farago
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Friends of the Everglades

Karja Hansen
President
Urban Environment League

Charles Pattison
1000 Friends of Florida

John Adornato III
Sun Coast Regional Director
National Parks Conservation Association

Debbie Matthews
Sierra Club Florida

Elinor Williams
President
Friends of Arthur R. Marshall
Loxahatchee National Wildlife Refuge

Steve Brodtkin
President
Concerned Citizens of
Bayshore Community, Inc.

Charles Sobczak
Lee Reefs

September 23, 2013

Office of Governor Rick Scott
State of Florida
The Capitol
400 S. Monroe St.
Tallahassee, FL 32399-0001

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Lee Reefs

Northern Estuaries Resource Recovery

The Northern Estuaries Resource Recovery is a pilot recovery program to re-establish vital estuarine habitats of oyster reefs and seagrass beds within the Northern Estuaries; St. Lucie Estuary/Indian River Lagoon and the Caloosahatchee Estuary. The Northern Estuaries have received tremendous volumes of freshwater discharges from Lake Okeechobee which have resulted in major losses in the critical habitats. In the St. Lucie Estuary recent surveys reveal 99% mortality of oysters and an estimated 70% loss of seagrasses in the outer estuary, Indian River Lagoon, caused by the discharges.

Florida Oceanographic has been actively working to restore oyster reefs and seagrasses since 2005. The adult broodstock of native oysters have been kept in the shellfish hatchery at the Florida Oceanographic Coastal Center on Hutchinson Island and the Indian River Lagoon. Several spawns have produced literally millions of oysters for restoration programs including oyster gardening and establishing oyster reefs on substrate such as reef balls and recycled oyster shell units produced at the Center. The restored oyster reefs in the St. Lucie Estuary have been a part of programs in conjunction with Martin County to help re-establish 23 acres of oyster reefs in the St. Lucie Estuary.

Five common native species of seagrass have been growing at the Florida Oceanographic Coastal Center for testing different grow-out configurations and success studies. Seagrass units are being developed to deploy into the Indian River Lagoon and St. Lucie Estuary as a pilot program for restoration of these habitats. Seagrasses, particularly Johnson's Seagrass listed as a Threatened Species, has been dramatically impacted by the freshwater discharges from Lake Okeechobee. At the Willoboughy Creek site surveys showed Johnson's Seagrass reduced from 95% to 2% coverage as a result of recent discharge events. There were approximately 700 acres of seagrass habitat in the outer St. Lucie Estuary and Indian River Lagoon near the St. Lucie Inlet which has been impacted by prolonged destructive freshwater discharges into the estuary.

Similar estuarine habitat resources have been impacted and losses have occurred as described above in the Caloosahatchee Estuary. The Northern Estuaries Resource Recovery program would establish pilot restorations of oyster reef and seagrass, submerged aquatic vegetation (SAV), habitats in both the St. Lucie Estuary/Indian River Lagoon and the Caloosahatchee Estuary. Using native broodstock from both Northern Estuaries, restoration sites would be established and monitored for success rates. At the conclusion of the pilot program restoration strategies and plans would be proposed to expand the efforts into the appropriate areas of the estuaries for resource recovery.

Florida Oceanographic Society would work in conjunction with the Sanibel Captiva Conservation Foundation and establish a resource recovery team in collaboration with area scientists to develop the pilot recovery program for oysters and SAV, spawn, propagate and deploy the resources and monitor the success for one year. At the conclusion of the effort an expanded resource recovery plan would be developed to continue the restoration of these vital estuarine habitats. This Northern Estuaries Resource Recovery effort is compatible with the RECOVER performance measures and the Northern Estuaries Watershed Protection Plans for the St. Lucie and Caloosahatchee Estuaries.

The funding request for the Northern Estuaries Resource Recovery initial program as outlined above is \$ 500,000 to cover each estuary for a total request of \$ 1,000,000.

Submitted by; Mark D. Perry, Executive Director Florida Oceanographic Society, 890 NE Ocean Blvd., Stuart, FL 34996, 772-225-0505

RESOLUTION NO. 13-180

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF ST. LUCIE COUNTY, FLORIDA, REQUESTING THE GOVERNOR OF FLORIDA, THROUGH EXECUTIVE ORDER AND/OR OTHER POWERS AVAILABLE UNDER THE LAW, TO ACTIVATE ALL AVAILABLE STATE AND LOCAL EMERGENCY AND RELIEF RESOURCES AND MECHANISMS FOR THE PROTECTION OF THE INDIAN RIVER LAGOON AND ST. LUCIE ESTUARY

WHEREAS, the Indian River Lagoon is a diverse, shallow-water estuary stretching across 40 percent of Florida's east coast; and

WHEREAS, the Lagoon is an important commercial and recreational fishery and economic resource to the state and region. The total estimated annual economic value of the lagoon is \$3.7 billion, supporting 15,000 full and part-time jobs and providing recreational opportunities for 11 million people per year; and

WHEREAS, the St. Lucie River and Estuary is an ecological jewel on Florida's Treasure Coast that is integral to the environmental and economic well-being of Martin and St. Lucie Counties. The St. Lucie River is part of the larger Indian River Lagoon system, the most diverse estuarine environment in North America with more than 4,000 plant and animal species, including manatees, oysters, dolphins, sea turtles and seahorses; and

WHEREAS, extensive historical modifications to the St. Lucie River and its watershed have altered the hydrology of the region and as a result, heavy rainfall can bring large influxes of fresh water into the St. Lucie Estuary from storm water runoff within the basin, Lake Okeechobee releases or both. The increased freshwater flows affect salinity levels and water quality in the estuary, potentially causing environmental harm; and

WHEREAS, this runoff is causing a public health threat as microcystis aeruginosa, a single-celled blue green alga, or cyanobacterium, has proliferated in the Lagoon to form dense blooms, which produce multiple toxins, including liver toxins, as well as, neurotoxins; and

WHEREAS, 47,000 acres of sea grass have been killed to date in the Indian River Lagoon since 2010, which far exceeds any documented or remembered events in terms of geographic scale, bloom intensity and duration. It is alarming because sea grass is an indicator of the lagoon's health, a food source for manatees and a nursery, refuge and a place of forage for a variety of fish and other marine life; and

WHEREAS, fresh water discharges are killing sea life - 280 Manatees, 60 Bottlenose Dolphins and 250 Brown Pelicans have died in the Indian River since 2010; and

WHEREAS, the Lagoon is at a turning point. The coming months could herald a slow recovery of this unique ecosystem or an imminent collapse of the remaining portion of the estuary that has been sustainable up to this point; and

WHEREAS, this Board requests that the Governor declare an emergency so that the Counties can proceed to seek direct assistance with any and all agencies of the State of Florida as may be needed to meet this emergency.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. LUCIE COUNTY, FLORIDA, AS FOLLOWS:

SECTION 1. St. Lucie County requests that the Governor of the State of Florida consider issuing an Executive Order, and/or other powers available under law, to activate all available State and Local emergency and relief resources and mechanisms to protect the Indian River Lagoon and the St. Lucie Estuary.

SECTION 2. The County Administrator shall forward this Resolution to the Governor of the State of Florida, the County's State and Federal legislative delegation and the Martin County Administrator.

SECTION 3. This Resolution shall become effective immediately upon adoption.

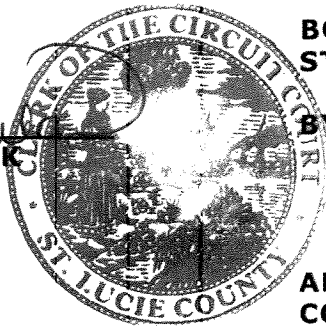
After motion and second, the vote on this resolution was as follows:

Chairman Tod Mowery	AYE
Vice Chair Frannie Hutchinson	AYE
Commissioner Chris Dzadovsky	AYE
Commissioner Paula A. Lewis	AYE
Commissioner Kim Johnson	AYE

PASSED AND DULY ADOPTED this 17TH day of September 2013.

ATTEST:

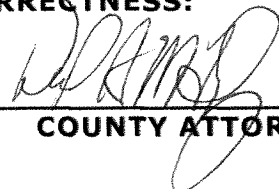

DEPUTY CLERK



**BOARD OF COUNTY COMMISSIONERS
ST. LUCIE COUNTY, FLORIDA**

BY: 
CHAIRMAN

**APPROVED AS TO LEGAL FORM AND
CORRECTNESS:**


COUNTY ATTORNEY

A RESOLUTION OF THE BOARD OF ALDERMEN OF THE TOWN OF ST. LUCIE VILLAGE, FLORIDA, REQUESTING THE GOVERNOR OF THE STATE OF FLORIDA, THROUGH EXECUTIVE ORDER AND/OR OTHER POWERS AVAILABLE UNDER THE LAW, TO ACTIVATE ALL AVAILABLE STATE AND LOCAL EMERGENCY AND RELIEF RESOURCES AND MECHANISMS FOR THE PROTECTION OF THE INDIAN RIVER LAGOON AND ST. LUCIE ESTUARY.

WHEREAS, the Indian River Lagoon is a diverse, shallow-water estuary stretching across 40 percent of Florida's east coast; and

WHEREAS, the Lagoon is an important commercial and recreational fishery and economic resource to the state and region. The total estimated annual economic value of the lagoon is \$3.7 billion, supporting 15,000 full and part-time jobs and providing recreational opportunities for 11 million people per year; and

WHEREAS, the St. Lucie River and Estuary is an ecological jewel on Florida's Treasure Coast that is integral to the environmental and economic well-being of Martin and St. Lucie Counties. The St. Lucie River is part of the larger Indian River Lagoon system, the most diverse estuarine environment in North America with more than 4,000 plant and animal species, including manatees, oysters, dolphins, sea turtles and seahorses; and

WHEREAS, extensive historical modifications to the St. Lucie River and its watershed have altered the hydrology of the region and as a result, heavy rainfall can bring large influxes of fresh water into the St. Lucie Estuary from storm water runoff within the basin, Lake Okeechobee releases or both. The increased freshwater flows affect salinity levels and water quality in the estuary, potentially causing environmental harm; and

WHEREAS, this runoff is causing a public health threat as microcystis aeruginosa, a single-celled blue green alga, or cyanobacterium, has proliferated in the Lagoon to form dense

as well as, neurotoxins; and

WHEREAS, 47,000 acres of sea grass have been killed to date in the Indian River Lagoon since 2010, which far exceeds any documented or remembered events in terms of geographic scale, bloom intensity and duration. It is alarming because sea grass is an indicator of the lagoon's health, a food source for manatees and a nursery, refuge and a place of forage for a variety of fish and other marine life; and

WHEREAS, fresh water discharges are killing sea life - 280 Manatees, 60 Bottlenose Dolphins and 250 Brown Pelicans have died in the Indian River since 2010; and

WHEREAS, the Lagoon is at a turning point. The coming months could herald a slow recovery of this unique ecosystem or an imminent collapse of the remaining portion of the estuary that has been sustainable up to this point; and

WHEREAS, this Board requests that the Governor declare an emergency so that the Counties and/or municipalities can proceed to seek direct assistance with any and all agencies of the State of Florida as may be needed to meet this emergency.

NOW, THEREFORE, THE BOARD OF ALDERMEN OF THE TOWN OF ST. LUCIE VILLAGE, FLORIDA HEREBY RESOLVES AS FOLLOWS:

1. The Town of St. Lucie Village requests that the Governor of the State of Florida consider issuing an Executive Order, and/or other powers available under law, to activate all available State and Local emergency and relief resources and mechanisms to protect the Indian River Lagoon and the St. Lucie Estuary.

2. The Town Attorney shall forward this Resolution to the Governor of the State of Florida, the County's State and Federal legislative delegation, the St. Lucie County Commission, and the St. Lucie County and Martin County Administrators.

3. This Resolution shall become effective upon passage.

APPROVED:
BOARD OF ALDERMEN OF THE TOWN OF
ST. LUCIE VILLAGE, FLORIDA

By:

William G. Thiess
William G. Thiess, Mayor

ATTESTED:

By:

Diane C. Orme
Diane C. Orme, Clerk

I, DIANE C. ORME, Clerk of the TOWN OF ST. LUCIE VILLAGE,
FLORIDA, do hereby certify that this is a true and accurate copy of
Resolution 2013-7 which was duly introduced, read and adopted at the
regular meeting of the Board of Aldermen of the TOWN OF ST. LUCIE
VILLAGE, FLORIDA, held this 17th day of September, 2013.

Diane C. Orme
DIANE C. ORME, CLERK

BEFORE THE BOARD OF COUNTY COMMISSIONERS
MARTIN COUNTY, FLORIDA

RESOLUTION NO. 13-9.49

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS, OF MARTIN COUNTY, FLORIDA REQUESTING THE GOVERNOR OF FLORIDA, THROUGH EXECUTIVE ORDER AND/OR OTHER POWERS AVAILABLE UNDER THE LAW, TO ACTIVATE ALL AVAILABLE STATE AND LOCAL EMERGENCY AND RELIEF RESOURCES AND MECHANISMS FOR THE PROTECTION OF THE INDIAN RIVER LAGOON AND THE ST. LUCIE ESTUARY

WHEREAS, the Indian River Lagoon is a diverse, shallow-water estuary stretching across 40 percent of Florida's east coast; and

WHEREAS, the Lagoon is an important commercial and recreational fishery and economic resource to the state and region. The total estimated annual economic value of the lagoon is \$3.7 billion, supporting 15,000 full and part-time jobs and providing recreational opportunities for 11 million people per year; and

WHEREAS, the St. Lucie River and Estuary is an ecological jewel on Florida's Treasure Coast that is integral to the environmental and economic well-being of Martin and St. Lucie Counties. The St. Lucie River is part of the larger Indian River Lagoon system, the most diverse estuarine environment in North America with more than 4,000 plant and animal species, and

WHEREAS, extensive historical modifications to the St. Lucie River and its watershed have altered the hydrology of the region and, as a result, heavy rainfall can bring large influxes of fresh water into the St. Lucie Estuary from stormwater runoff within the basin, Lake Okeechobee releases, or both. The increased freshwater flows affect salinity levels and water quality in the estuary, causing environmental and economic harm; and

WHEREAS, this runoff is causing a public health threat as *Microcystis aeruginosa*, a single-celled blue green alga, or cyanobacterium, has proliferated in the Lagoon to form dense blooms, which produce multiple toxins, including liver toxins, as well as neurotoxins; and

WHEREAS, 47,000 acres of sea grass have been killed to date in the Indian River Lagoon since 2010, which far exceeds any documented or recalled events in terms of geographical scale, bloom intensity and duration. It is alarming because sea grass is an indicator of the Lagoon's health, a food source for manatees and a nursery, refuge and place of forage for a variety of fish and other marine life; and

WHEREAS, the Lagoon is at a crisis point. The coming months could herald a slow recovery of this unique ecosystem or an imminent collapse of the remaining portion of the estuary that has been sustainable up to this point, requiring both short and long-term solutions; and

WHEREAS, the Martin County Board of County Commissioners has supported the long-term solution of completing the Indian River Lagoon South (IRLS) project since the authorization of the Comprehensive Everglades Restoration Plan (CERP) in the year 2000;

WHEREAS, the Indian River Lagoon South project is a key element of the CERP; and

WHEREAS, the C-44 Reservoir and Stormwater Treatment Area is the first component of the IRLS project to move to construction and will reduce substantially polluted runoff into the St. Lucie River and the Indian River Lagoon from the St. Lucie Basin; and

WHEREAS, Martin County has acquired 45,000 acres for various CERP projects the residents of Martin County have voluntarily assessed themselves, generating \$75 million for land acquisition costs, including \$27 million for the C-44 and leveraging those funds with state dollars; and

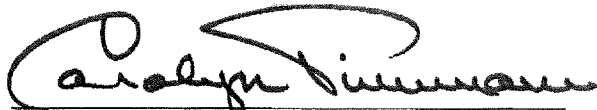
WHEREAS, the next contract for the C-44 project has been delayed due to insufficient federal funding, and the timely completion of the C-44 is critically important in reducing polluted runoff into the St. Lucie River and the Indian River Lagoon.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MARTIN COUNTY, FLORIDA, THAT:

1. The Martin County Board of County Commissioners requests that the Governor declare an emergency so that affected Counties may proceed to seek direct assistance with any and all agencies of the State of Florida as needed to meet this emergency in the short and long-term and advocate with the county the needs at the federal level.
2. Martin County requests that the Governor of the State of Florida issue an Executive Order and/or other powers available under law, to activate all available State and Local emergency and relief resources and mechanisms to protect the Indian River Lagoon and the St. Lucie Estuary.
3. The County Administrator shall forward this Resolution to the Governor of the State of Florida, the County's State and Federal legislative delegations and the St. Lucie County Administrator.
4. This Resolution shall become effective immediately upon adoption.

DULY PASSED AND ADOPTED THIS 10th DAY OF SEPTEMBER 2013.

ATTEST:



CAROLYN TIMMANN, CLERK OF THE
CIRCUIT COURT AND COMPTROLLER

BOARD OF COUNTY COMMISSIONERS
MARTIN COUNTY, FLORIDA:



SARAH HEARD, CHAIR



APPROVED AS TO FORM AND
CORRECTNESS:



MICHAEL D. DURHAM,
COUNTY ATTORNEY

RESOLUTION NO. 2013- 094

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF INDIAN RIVER COUNTY, FLORIDA, SUPPORTING MARTIN COUNTY AND ST. LUCIE COUNTY IN THEIR EFFORTS TO REQUEST THE GOVERNOR OF THE STATE OF FLORIDA, THROUGH EXECUTIVE ORDER AND/OR OTHER POWERS AVAILABLE UNDER THE LAW, TO ACTIVATE ALL AVAILABLE STATE AND LOCAL EMERGENCY AND RELIEF RESOURCES AND MECHANISMS FOR THE PROTECTION OF THE INDIAN RIVER LAGOON AND ST. LUCIE ESTUARY WITHIN THEIR COUNTIES.

WHEREAS, the Indian River Lagoon is a diverse, shallow-water estuary stretching across 40 percent of Florida's east coast; and

WHEREAS, the Lagoon is an important commercial and recreational fishery and economic resource to the state and region. The total estimated annual economic value of the lagoon is \$3.7 billion, supporting 15,000 full and part-time jobs and providing recreational opportunities for 11 million people per year; and

WHEREAS, the St. Lucie River and Estuary is an ecological jewel on Florida's Treasure Coast that is integral to the environmental and economic well-being of Martin County and St. Lucie County. The St. Lucie River is part of the larger Indian River Lagoon system, the most diverse estuarine environment in North America with more than 4,000 plant and animal species, including manatees, oysters, dolphins, sea turtles and seahorses; and

WHEREAS, extensive historical modifications to the St. Lucie River and its watershed have altered the hydrology of the region and as a result, heavy rainfall can bring large influxes of fresh water into the St. Lucie Estuary from storm water runoff within the basin, Lake Okeechobee releases or both. The increased freshwater flows affect salinity levels and water quality in the estuary, potentially causing environmental harm; and

WHEREAS, this runoff is causing a public health threat as microcystis aeruginosa, a single-celled blue green alga, or cyanobacterium, has proliferated in the Lagoon to form dense blooms, which produce multiple toxins, including liver toxins, as well as neurotoxins; and

WHEREAS, 47,000 acres of sea grass have been killed to date in the Indian River Lagoon since 2010, which far exceeds any documented or remembered events in terms of geographic scale, bloom intensity and duration. It is alarming because sea grass is an indicator of the Lagoon's health, a food source for manatees and a nursery, refuge and a place of forage for a variety of fish and other marine life; and

WHEREAS, fresh water discharges are killing sea life - 280 Manatees, 60 Bottle-nose Dolphins and 250 Brown Pelicans have died in the Indian River since 2010; and

WHEREAS, the Lagoon is at a turning point. The coming months could herald a slow recovery of this unique ecosystem or an imminent collapse of the remaining portion of the estuary that has been sustainable up to this point; and

WHEREAS, the Board of County Commissioners of Indian River County, support Martin County and St. Lucie County in their efforts to request that the Governor of the State of Florida declare an emergency so that Martin County and St. Lucie County can proceed to seek direct assistance with any and all agencies of the State of Florida as may be needed to meet this emergency.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF INDIAN RIVER COUNTY, FLORIDA, AS FOLLOWS:

SECTION 1. Indian River County supports Martin County and St. Lucie County in their requests that the Governor of the State of Florida consider issuing an Executive Order, and/or other powers available under law, to activate all available State and Local emergency and relief resources and mechanisms to protect the Indian River Lagoon and the St. Lucie Estuary.

SECTION 2. The County Administrator shall forward this Resolution to the Governor of the State of Florida and to the Martin County Administrator and the St. Lucie County Administrator.

SECTION 3. This Resolution shall become effective immediately upon adoption.

The foregoing resolution was moved for adoption by Commissioner Zorc, and the motion was seconded by Commissioner Solari and, upon being put to a vote, the vote was, as follows:

Chairman Joseph E. Flescher	<u>Aye</u>
Vice Chairman Wesley S. Davis	<u>Aye</u>
Commissioner Peter D. O'Bryan	<u>Aye</u>
Commissioner Bob Solari	<u>Aye</u>
Commissioner Tim Zorc	<u>Aye</u>

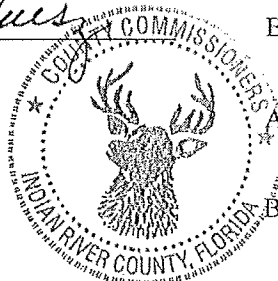
The Chairman thereupon declared the resolution duly passed and adopted this 17th day of September, 2013.

ATTEST: Jeffrey R. Smith, Clerk of Court
and Comptroller

**BOARD OF COUNTY COMMISSIONERS
OF INDIAN RIVER COUNTY, FLORIDA**

By: Maria L. Sues
Deputy Clerk

By: Joseph E. Flescher
Joseph E. Flescher, Chairman



Approved as to form and legal sufficiency.

By: Dylan Reingold
Dylan Reingold, County Attorney

9/24/2013

Honorable Senator:

I am one of a very fast growing grassroots organization. We have achieved 6000 people active on Facebook between 3 pages in about two months. Also in that time approximately 35000 signatures have been obtained for protecting our rivers. More specifically, we seek a solution that does not require the Army Corps of Engineers to purge billions of gallons of water a day through the estuaries and then out to tide. Not only is this an obscene waste of a valuable resource but it creates two very real ongoing disasters in the hopes of preventing one maybe/possible disaster.

This problem reoccurs every time we see heavy rains. For this season alone the first financial loss estimates are those of the completely wiped out oysters and sea grasses for the Indian River Lagoon, South of the Ft. Pierce inlet. That number is \$660,000,000 or roughly equivalent to the cost of moving the residents South of Lake Okeechobee that are in eminent danger if there is a breach in the lake. Notwithstanding the fact that no one should have been allowed to inhabit that area for that reason in the first place we could have moved these people out of harm's way any of the seasons back to the 1930's.

We understand that in this particular season and set of circumstances, that the State and SFWMD are very close to be on planned track for long-term solutions. We are deeply concerned about fast approaching deadlines for land purchase and Federal approval/funding for the series of events that will lead to the Everglades Restoration Plan. This is seen as an acceptable long-term resolution. However, that provides zero relief from the immediate problem that keeps seemingly getting lost.

The local economies that thrive on healthy estuaries, rivers, and now coastal reefs can under no circumstance withstand any more poison/pollution that is being imposed on them by the authoritarian control of our State sovereign lakes and waterways by the US Army Corps of Engineers. We believe there are multiple other ways to deal with the water without placing humans in danger and without ignoring the Federal Clean Water Act and the Endangered Species Act through the Water Transfer Rule. If any other person or entity willfully imposed this kind of damage to property and health they would be aggressively prosecuted fined and likely imprisoned.

The worst alternative to the current situation would be to pump the water from the lake past the coastal reefs to open ocean water. The SFWMD should be made to reconsider their regulation schedule north of the lake. The current risk profile being used on ACOE is widely considered too heightened as it was a reaction to the Katrina disaster. Which brings the obvious point that the people should be relocated to eliminate that possibility all together, but if you are going to leave them in harms was the fixing of the levee should be fast tracked. There are several large landowners that have stated they would be willing to store water and others have asked to water farm. Finally, put a couple more inches in the canals – there's a lot of canals it can help. Immediate storage in the Kissimmee basin combined with inviting industry to clean the muck providing a couple more feet of storage, to clean the water improving our natural resource we currently flush away, and transport of water would do to great things – prevent health, economic, and environmental calamity and create lots and lots of JOBS. Think outside of the box and come up with something better – but please STOP the FLOW!

Sincerely,

W. Steven Edmonds, Jr.
Florida Resident

TAB 1
①

THE FLORIDA SENATE
APPEARANCE RECORD

9-24-13

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

Meeting Date

Topic Lake Okechobee & Estuaries

Bill Number _____
(if applicable)

Name Ernie Barnett

Amendment Barcode _____
(if applicable)

Job Title ASSISTANT Exec Director

Address 3301 Gan Club

Phone 561 951 2840

West Palm Bch Fl 33407
City State Zip

E-mail ebarnett@stwr.org

Speaking: ☐ For ☐ Against ☒ Information

Representing _____

Appearing at request of Chair: ☒ Yes ☐ No

Lobbyist registered with Legislature: ☒ Yes ☐ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

This form is part of the public record for this meeting.

S-001 (10/20/11)

THE FLORIDA SENATE
APPEARANCE RECORD

TAB 2
①

9/24/13

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

Meeting Date

Topic Indian River Lagoon Hearing

Bill Number _____
(if applicable)

Name James R. David

Amendment Barcode _____
(if applicable)

Job Title St. Lucie Co. M&Cms Director

Address 3150 Wilh Fae Rd

Phone 772-462-1692

Street

Ft. Pierce FL 34982

City

State

Zip

E-mail davidj@stlucieco.org

Speaking: ☒ For ☐ Against ☐ Information

Representing St. Lucie County

Appearing at request of Chair: ☒ Yes ☐ No

Lobbyist registered with Legislature: ☐ Yes ☒ No

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S-001 (10/20/11)



THE FLORIDA SENATE
APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

9/24/13
Meeting Date

Topic INDIAN River Lagoon Lake Oke

Bill Number _____
(if applicable)

Name J. P. SASSER

Amendment Barcode _____
(if applicable)

Job Title Former Mayor City of PAHOKEE

Address 160 South Elm Ave
Street
PAHOKEE FL 33476
City State Zip

Phone 841-755-2134

E-mail SASSER.JAMES@ATT.NET

Speaking: ☐ For ☐ Against ☒ Information

Representing _____

Appearing at request of Chair: ☐ Yes ☐ No

Lobbyist registered with Legislature: ☐ Yes ☒ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

THE FLORIDA SENATE
APPEARANCE RECORD



(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

9-24-2013

Meeting Date

Topic Indian River lagoon & Kelle Okeechobee Basin

Bill Number _____
(if applicable)

Name Mandy Fuller

Amendment Barcode _____
(if applicable)

Job Title President Fla. Wildlife Federation

Address PO Box 6870

Phone 850-656-7113

Street

Tallahassee, Fla 32314

City

State

Zip

E-mail WildFed@gmail.com

Speaking: ☐ For ☐ Against ☒ Information

Representing _____

Appearing at request of Chair: ☐ Yes ☒ No

Lobbyist registered with Legislature: ☐ Yes ☐ No

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S-001 (10/20/11)

①

THE FLORIDA SENATE
APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

Meeting Date

Topic

Sept 24, 2013
LAKE O DISCHARGES.

Bill Number

(if applicable)

Name

JOHN G. HEIM.

Amendment Barcode

(if applicable)

Job Title

ACTIVIST FOR CLEAN WATER

Address

5616 EASY ST.

Phone

407-460-6452.

Street

City

FMB

State

FL

Zip

33931

E-mail

LOWTIDEFILMS@

gmail.com.

Speaking:

☐

For

☐

Against

☒

Information

Representing

"FLORIDIANS FOR CLEAN WATER"

Appearing at request of Chair:

☐

Yes

☒

No

Lobbyist registered with Legislature:

☐

Yes

☒

No

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S-001 (10/20/11)

THE FLORIDA SENATE
APPEARANCE RECORD



(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

9/24/13
Meeting Date

Topic INDIAN RIVER LAGOON

Bill Number _____
(if applicable)

Name DAVID CULLEN
(David Cullen)

Amendment Barcode _____
(if applicable)

Job Title _____

Address 1674 UNIVERSITY PKWY #296
Street
SARASOTA FL 34243
City State Zip

Phone 941-323-2404

E-mail cullenasea@aol.com

Speaking: ☐ For ☐ Against ☐ Information

Representing SIERRA CLUB FLORIDA

Appearing at request of Chair: ☐ Yes ☒ No

Lobbyist registered with Legislature: ☒ Yes ☐ No

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S-001 (10/20/11)

THE FLORIDA SENATE
APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)



9/24/2013
Meeting Date

Topic personal & Community impact of Lake O Discharge Bill Number _____
(if applicable)

Name Nyfa M. Pipes Amendment Barcode _____
(if applicable)

Job Title Wife + mother

Address 332 NW Aurora St. Phone 772-233-6182
Street

Port St. Lucie FL 34983 E-mail nylapipes@yahoo.com
City State Zip

Speaking: ☐ For ☐ Against ☒ Information

Representing Citizens of S. Florida

Appearing at request of Chair: ☐ Yes ☒ No

Lobbyist registered with Legislature: ☐ Yes ☒ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

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S-001 (10/20/11)

THE FLORIDA SENATE
APPEARANCE RECORD



(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

9/22/2013
Meeting Date

Topic Lake O Vichanges

Bill Number _____
(if applicable)

Name Steve Edmonds

Amendment Barcode _____
(if applicable)

Job Title _____

Address 1022 Vanessa
Street

Phone 407-701-9045

Oviedo
City State Zip

E-mail wse_jreeflvr.com

Speaking: ☐ For ☐ Against ☒ Information

Representing Self Citizen

Appearing at request of Chair: ☐ Yes ☒ No

Lobbyist registered with Legislature: ☐ Yes ☒ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

This form is part of the public record for this meeting.

S-001 (10/20/11)

THE FLORIDA SENATE
APPEARANCE RECORD



9/24/2013
Meeting Date

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

Topic Senate Select - WATER Quality Bill Number _____
(if applicable)

Name KEVIN RUANE Amendment Barcode _____
(if applicable)

Job Title Mayor of Sanibel

Address 815 Bridle View Pt
Street
Sanibel FL 33957
City State Zip

Phone 239-476-3700

E-mail ~~KEVIN.RUANE@SANIBEL.COM~~

Speaking: ☐ For ☐ Against ☐ Information

Representing City of Sanibel

Kevin.Ruane@City
Sanibel.com

Appearing at request of Chair: ☐ Yes ☐ No

Lobbyist registered with Legislature: ☐ Yes ☐ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

This form is part of the public record for this meeting.

S-001 (10/20/11)

THE FLORIDA SENATE
APPEARANCE RECORD



(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

24 Sept 2013
Meeting Date

Topic Like O discharges

Bill Number _____
(if applicable)

Name DON VOSS

Amendment Barcode _____
(if applicable)

Job Title Operations Director

Address 323 Leonard Lane #202

Phone 772 528 0625

St Pierce FL 34849
City State Zip

E-mail svptm-don@comcast.net

Speaking: ☐ For ☐ Against ☒ Information

Representing Save The Lake River Lagoon Committee

Appearing at request of Chair: ☐ Yes ☒ No

Lobbyist registered with Legislature: ☐ Yes ☒ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

This form is part of the public record for this meeting.

S-001 (10/20/11)

THE FLORIDA SENATE
APPEARANCE RECORD



9-24-13

Meeting Date

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

Topic Indian River Lagoon Bill Number _____
(if applicable)
Name Amy Datz Amendment Barcode _____
(if applicable)
Job Title Retired State Environmental Planner
Address 1130 Crestview Ave Phone 850 322-7599
Tallahassee FL 32303 E-mail Amaliedatz@mac.com
City State Zip
Speaking: ☐ For ☐ Against ☒ Information
Representing Self as a Former Martin Co. Resident
Appearing at request of Chair: ☐ Yes ☒ No Lobbyist registered with Legislature: ☐ Yes ☒ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

This form is part of the public record for this meeting.

S-001 (10/20/11)

THE FLORIDA SENATE
APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

Meeting Date _____

Topic Regional Water Storage

Bill Number _____
(if applicable)

Name Daniel Martell

Amendment Barcode _____
(if applicable)

Job Title President

Address 218 Datura Street

Phone 561-684-1551

Street

West Palm Beach FL 33458

City

State

Zip

E-mail dmartell@economiccouncilpbca.org

Speaking: ☐ For ☐ Against ☒ Information

Representing Economic Council of Palm Beach County

Appearing at request of Chair: ☐ Yes ☒ No

Lobbyist registered with Legislature: ☒ Yes ☐ No

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S-001 (10/20/11)

THE FLORIDA SENATE
APPEARANCE RECORD

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9/24/13
Meeting Date

Topic IRL Discharges/Cleanup

Bill Number _____
(if applicable)

Name Mike Krefer

Amendment Barcode _____
(if applicable)

Job Title Project Manager

Address 1270 55th Ct. SW
Street

Phone _____

Vero Beach FL 32968
City State Zip

E-mail _____

Speaking: ☐ For ☐ Against ☐ Information

Representing St. Lucie County

Appearing at request of Chair: ☐ Yes ☐ No

Lobbyist registered with Legislature: ☐ Yes ☒ No

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S-001 (10/20/11)

CourtSmart Tag Report

Room: KN 412

Case:

Caption: Select Committee on Indian River Lagoon and Lake Okeechobee Basin

Type:

Judge:

Started: 9/24/2013 4:00:01 PM

Ends: 9/24/2013 5:30:37 PM

Length: 01:30:37

4:00:03 PM	Call to order
4:00:57 PM	Chairman's remarks
4:02:15 PM	What progress has been made
4:04:32 PM	Chairman Negrón's comments on appropriation of money
4:05:53 PM	Discussion of LBC money distribution
4:06:59 PM	Ernie Barnett - South Florida Water Management District presentation
4:10:17 PM	What can we do in the short term?
4:11:15 PM	Update on the Herbert Hoover Dike
4:12:51 PM	Highlight of the repairs by the Corps on the dike
4:14:48 PM	Recommendations by the SFWMD to the Select Committee
4:17:47 PM	Chairman for questions
4:18:02 PM	Senator Montford for a question
4:19:46 PM	Senator Hays for a question
4:22:07 PM	Follow up question
4:23:22 PM	Senator Sachs for a question
4:25:23 PM	Senator Sachs for a question
4:25:25 PM	Follow up question by Senator Sachs
4:26:08 PM	Continuation of the presentation
4:27:31 PM	Changes made to operation since August 1 for pumping water out of the lake
4:31:05 PM	End of presentation
4:31:13 PM	Chair remarks
4:35:00 PM	Senator Altman for a question
4:38:34 PM	Chair Negrón for comments
4:41:44 PM	Senat or Benacuisto for comments and questions
4:43:57 PM	Ernie Barnett for response
4:44:14 PM	Follow up by Senator Benacquisto
4:45:00 PM	Chairman Negrón for further comments and requests
4:46:11 PM	Thank you Mr. Barnett and thank the SFWMD for steps taken to improve the situation
4:46:34 PM	Senator Altman is recognized for comments and suggestions
4:52:54 PM	Chairman Negrón for follow up comments and suggestions
4:53:29 PM	Senator Altman for response
4:54:42 PM	Senator Hays for comments
4:56:10 PM	Chairman Negrón for follow up comments
4:56:41 PM	Mr. David presenting his idea
5:05:06 PM	Senator Negrón for a question
5:07:02 PM	Senator Negrón for a follow up question
5:07:55 PM	Senator Hays for comments
5:08:40 PM	Chairman for questions
5:08:49 PM	Mr. David for question
5:08:59 PM	Senator Sachs for a question
5:09:32 PM	Mr. David for response and thank you for your suggestion
5:09:55 PM	We will move to public testimony
5:10:12 PM	Mr. Sasser - Former Mayor of Pahokee
5:12:24 PM	Manny Fuller
5:14:43 PM	Mr. Heim
5:17:30 PM	Myla Pipes - Port St. Lucie
5:20:56 PM	David Cullen -Sierra Club
5:23:24 PM	Steve Edmonds - Oviedo
5:26:10 PM	Mayor Ruane - Mayor of Sannibel
5:27:14 PM	Mr. Voss - Captain from Ft. Pierce, FL
5:30:10 PM	Amy Voss