Reply Reply to All Forward

RE: Sun Sentinel, "Obama administration proposes protection for Everglades head...

Estenoz, Shannon A

Sent: Wednesday, January 12, 2011 7:56 AM
To: Jodrey, Donald S; Kirk Fordham [kirkfordham(b) (6)]; Fowler West [fwest@cwdc.com]

Hey Kirk,

Tell Doug to call me. He's not making the connection to me at DOI, but I know Doug very well. He is a long time WRAC member. I can then put him directly in touch with Cindy's team on the ground. All my contact info is below.

S

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Jodrey, Donald S
Sent: Wednesday, January 12, 2011 7:33 AM
To: Kirk Fordham; Fowler West
Cc: Estenoz, Shannon A
Subject: RE: Sun Sentinel, "Obama administration proposes protection for Everglades headwaters"

Kirk,

Here's the link to the web-site which has links to various documents:

http://www.fws.gov/southeast/greatereverglades/

I think you should refer him to Shannon as our DOI lead in South Florida for Everglades issues generally.

For the FWS and specifics on this initiative he should contact Cindy Dohner or Mark Musaus who are the Regional Director and Deputy Regional Director, respectively, of the Southeast Region of the FWS. Cindy and Mark are often on the road but their phone number in the regional office is 404-679-4000.

Hope this helps.

Don

Reply Reply to All Forward

Do you have

Estenoz, Shannon A

Sent: Friday, January 14, 2011 7:55 AM

To: kfordham@evergladesfoundation.org

an e-mail address for Pepe Fanjul Jr.? I would like to send him a recent newspaper editorial.

Thanks,

Shannon

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

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Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

Reply Reply to All Forward

Fw: Public Scoping Meeting Dates - Proposed Everglades Headwaiters NWRCA

Estenoz, Shannon A

Sent: Tuesday, January 18, 2011 3:16 PM
To: Jodrey, Donald S; 'kirkfordham(b) (6)

See the subject line. So we're hiring head waiters for the Everglades now I guess. :)

From: Wallace, Garrett <gwallace@sfwmd.gov>
To: Estenoz, Shannon A
Sent: Tue Jan 18 14:23:17 2011
Subject: Fw: Public Scoping Meeting Dates - Proposed Everglades Headwaiters NWRCA

Do you want to be copied on notes like this or have USFWS add you???

Just let me know.

Also, left you a voice mail. You have an email from Ken with the synopsis. I land at 5 if you need anything. Thanks

---
Sent from my BlackBerry Wireless Handheld

SFWMD Wireless Email Solutions

From: Cheri_Ehrhardt@fws.gov <Cheri_Ehrhardt@fws.gov>
To: abirch@tnc.org <abirch@tnc.org>; brownej@doacs.state.fl.us <brownej@doacs.state.fl.us>; Whalen, Benita; wolffb@doacs.state.fl.us <wolffb@doacs.state.fl.us>; Charlie_Pelizza@fws.gov <Charlie_Pelizza@fws.gov>; Chris.Wynn@MyFWC.com <Chris.Wynn@MyFWC.com>; allerc@doacs.state.fl.us <allerc@doacs.state.fl.us>; Chuck_Hunter@fws.gov <Chuck_Hunter@fws.gov>; Dave_Hankla@fws.gov <Dave_Hankla@fws.gov>; DHoughton@refugeassociation.org <DHoughton@refugeassociation.org>; Deborah.Poppell@dep.state.fl.us <Deborah.Poppell@dep.state.fl.us>; dennis.david@MyFWC.com <dennis.david@MyFWC.com>; dshaw@tnc.org <dshaw@tnc.org>; elaine.richardson@MyFWC.com <elaine.richardson@MyFWC.com>; Edward.Wright@fl.usda.gov <Edward.Wright@fl.usda.gov>; Elizabeth_Souheaver@fws.gov <Elizabeth_Souheaver@fws.gov>; EHirsche@refugeassociation.org <EHirsche@refugeassociation.org>; Wallace, Garrett; Gary.Morse@MyFWC.com <Gary.Morse@MyFWC.com>; gayesharpe@polk-county.net <gayesharpe@polk-county.net>; Greg.Brock@dep.state.fl.us <Greg.Brock@dep.state.fl.us>; Greg.Knecht@dep.state.fl.us <Greg.Knecht@dep.state.fl.us>; Holly_T_Gaboriault@fws.gov <Holly_T_Gaboriault@fws.gov>; joy.hill@MyFWC.com <joy.hill@MyFWC.com>; jdanter@tnc.org <jdanter@tnc.org>; JConner@tnc.org <JConner@tnc.org>; jaustin@tnc.org <jaustin@tnc.org>; Joanna_Webb@fws.gov <Joanna_Webb@fws.gov>; BarrowJ@doacs.state.fl.us <BarrowJ@doacs.state.fl.us>; John_Cook@tnc.org <John_Cook@tnc.org>; KSaiteu@(b) (6) <KSaiteu@(b) (6) ; Kevin_Godsea@fws.gov <Kevin_Godsea@fws.gov>; KimballLove@(b) (6) <KimballLove@(b) (6) >; Kimberly_Eldridge@fws.gov <Kimberly_Eldridge@fws.gov>; Kristen_Kneifl@fws.gov <Kristen_Kneifl@fws.gov>; Kristi_Watkins@fws.gov <Kristi_Watkins@fws.gov>; Carter, Larry; Layne_Hamilton@fws.gov <Layne_Hamilton@fws.gov>; LeeAnn_Kelso@fws.gov <LeeAnn_Kelso@fws.gov>; Paul_Souza@fws.gov <Paul_Souza@fws.gov>; Paul_Tritaik@fws.gov <Paul_Tritaik@fws.gov>; Palmer, Ray; Rich.Budell@(b) (6) <Rich.Budell@(b) (6) >; rhilsenbeck@tnc.org <rhilsenbeck@tnc.org>;

Reply Reply to All Forward

RE: Congressional staff trip to the Everglades, Feb 27

Estenoz, Shannon A

Sent: Tuesday, January 25, 2011 11:11 AM
To: Vivian Miller [vmiller@evergladesfoundation.org]

Hi Vivian!

Thanks for sending this to me. Can you also forward the list of Congressional folks who are attending?

Thanks so much,

Shannon

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Vivian Miller [vmiller@evergladesfoundation.org]
Sent: Tuesday, January 25, 2011 10:08 AM
To: Estenoz, Shannon A
Subject: Congressional staff trip to the Everglades, Feb 27

Shannon, please see attached the agenda for the upcoming trip. You are presenting Thursday morning at Ocean Reef.

Please let me know what vehicle you will be arriving in so I can alert the security at Ocean Reef.

I'm available anytime at (b) (6) if you have any questions.

Thanks!

Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
Phone: (305) 251-0001 x233
Cell: (b) (6)
Fax: (305) 251-0039
E-mail: vmiller@evergladesfoundation.org
www.evergladesfoundation.org
One Mission. One Priority. Restoring America's Everglades.

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Re: Congressional staff trip to the Everglades, Feb 27

Vivian Miller [vmiller@evergladesfoundation.org]

Sent: Tuesday, January 25, 2011 11:15 AM

To: Estenoz, Shannon A

Attachments: Congressional Staff Invitees.pdf (54 KB) [Open as Web Page]; ATT00001.htm (15 KB)

attached - see you Thursday!

Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
Phone: (305) 251-0001 x233
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Everglades Foundation
2011 Congressional Staff Tour
INVITEES

	Name	*Title*	*Office/Dept*
1	**Mr. Josh Salpeter**	**Legislative Director**	**Representative Ileana Ros-Lehtinen**
2	**Mr. Coby Dolan**	**Legislative Director**	**Representative Debbie Wasserman-Schultz**
3	**Mr. Miguel Mendoza**	**Legislative Assistant**	**Representative Mario Diaz-Balart**
4	**Mr. Cesar Gonzalez**	**Chief of Staff**	**Representative Mario Diaz-Balart**
5	**Ms. Hannah Walker**	**Legislative Director**	**Representative Tom Rooney**
6	**Mr. Ian Wolf**	**Legislative Assistant**	**Representative Alcee Hastings**
7	Kirk Fordham		Everglades Foundation
8	Steve Davis		Everglades Foundation
9	Tom Van Lent		Everglades Foundation
10	Garrett Wallace		SFWMD
11	Julie Hill-Gabriel		Audubon of Florida
12	Dawn Shireffs		NPCA
13	John Adornato		NPCA
14	Ms. Sarah Barmeyer	Great Waters Program Mgr	NPCA
15	Vivian Miller		Everglades Foundation

Everglades Foundation

Congressional Educational Briefings and Site Visits

January 26-29, 2011

Overview:

This is an intensive two-day trip to the greater Everglades ecosystem for key Congressional staff handling environmental legislation affecting this region (Comprehensive Everglades Restoration Plan, Modified Waters Delivery Act, Endangered Species Act, Interior/Energy & Water Appropriations). Currently the federal government, working with the State of Florida, is undertaking the world's largest ecosystem restoration project. A wide range of federal agencies have jurisdiction over various components of this initiative, including: the Department of Interior, the U.S. Army Corps of Engineers, the Environmental Protection Agency and the Fish and Wildlife Service.

The purpose of these briefings and the accompanying site visits is to provide key policymaking staff with an overview of the progress made and the challenges still confronting key federal holdings like Everglades National Park and the Big Cypress National Preserve. Participants will focus on legislative proposals in 2011 that will address these issues.

Travel:

Participants fly to Miami International Airport the evening prior to the first day of briefings and site visits. Air & ground transport, overnight lodging (@ Key Largo Grande Hotel, Key Largo, FL) and meals provided by Everglades Foundation.

Wednesday, January 26, 2011:

3:10pm	Depart Washington, DC.
5:55pm	Arrive Miami International Airport, transportation will be provided
7:30pm	Dinner at Versailles Cuban Restaurant in Little Havana
9:00pm	Depart for Key Largo
10:30pm	Arrive at Key Largo Grande Hotel

Thursday, January 27, 2011:

8:15am Breakfast Briefing, Ocean Reef Conference room
Welcome: **Eric Buermann,** Chairman, South Florida Water Management District
Everglades Restoration 101: The Economics of Everglades Restoration and An Introduction to Current Federal Issues Affecting the Greater Everglades Ecosystem
Sarah Barmeyer, National Parks Conservation Association
Dr. Steve Davis, Wetlands Ecologist, Everglades Foundation
Shannon Estenoz, Director of Everglades Restoration Initiatives, U.S. Department of Interior
Kirk Fordham, CEO, Everglades Foundation

Julie Hill-Gabriel, Audubon of Florida
Tom Van Lent, Senior Scientist, Everglades Foundation

Congressional staff will break up into two groups alternating between briefing and helicopter tours/project site visits

8:45am Board helicopter for Site Visits and aerial briefing:
Site visits led by:
Dr. Steve Davis, Wetlands Ecologist, Everglades Foundation
Kirk Fordham, CEO, Everglades Foundation
Dr. Tom Van Lent, Senior Scientist, Everglades Foundation
Garrett Wallace, Federal and Tribal Affairs Liaison, South Florida Water Management District

9:00am Flyover/Site Visits:

- Everglades National Park/Florida Bay
- C-111 Canal Project
- Tamiami Trail/Modified Waters Delivery Project
- Biscayne Bay Coastal Wetlands

12:00 noon Lunch Briefing: *Modified Water Delivery Projects*
Sarah Barmeyer, National Parks Conservation Association
Dr. Steve Davis, Wetlands Ecologist, Everglades Foundation
Dave Sikeema, Everglades National Park
Kirk Fordham, CEO, Everglades Foundation
Julie Hill-Gabriel, Audubon of Florida
Dawn Shirreffs, National Parks Conservation Association
Dr. Tom Van Lent, Senior Scientist, Everglades Foundation

1:30pm Depart Ocean Reef

2:00pm Arrive at Key Largo Ranger Station
Briefing and Site Visits: *Critical Issues Affecting Florida Bay estuary, C-111 Canal Project, Water Resources Development Act*

Depart on Park Service boats

Site visits led by:
Sarah Barmeyer, National Parks Conservation Association
Dr. Steve Davis, Wetlands Ecologist, Everglades Foundation
Kirk Fordham, CEO, Everglades Foundation
Bonnie Foist, Everglades National Park
Dave Fowler, Everglades National Park
Julie Hill-Gabriel, Audubon of Florida
Alan Scott, Everglades National Park
Dawn Shirreffs, National Parks Conservation Association
Dr. Tom Van Lent, Senior Scientist, Everglades Foundation

Garrett Wallace, South Florida Water Management District

4:00pm Return to Key Largo Ranger Station

4:30pm Return to Hotel

6:15pm Depart Hotel for dinner briefing

6:30pm Dinner Briefing: Morada Bay, Islamorada
Ken Ammon, South Florida Water Management District
Sarah Barmeyer, National Parks Conservation Association
Christopher Buckley, Everglades Foundation Board Member
Julie Hill-Gabriel, Audubon of Florida
Dawn Shirreffs, National Parks Conservation Association

8:30pm Return to Hotel

Friday, January 28, 2011:

8:00am Depart from hotel in vans

9:00am Rest stop at Homestead Farmer's Market

9:30am Depart for Tamiami Trail

10:30am Brief stop at construction site of Tamiami Trail Project:
Authorized by Modified Waters Delivery Act; Discussion of Tamiami Trail Next Steps 5.5 mile bridge
Dan Kimball, Superintendent, Everglades National Park

11:30am Vans arrive at Everglades Safari Park
Proceed to private picnic area

Lunch and Briefing: *Expansion/Creation of National Wildlife Refuges & Utilizing USDA Land and Water Conservation Programs*
John Adornato, National Parks Conservation Association
Sarah Barmeyer, National Parks Conservation Association
Steve Davis, Wetlands Ecologist, Everglades Foundation
Kirk Fordham, CEO, Everglades Foundation
Julie Hill-Gabriel, Audubon of Florida
Dan Kimball, Superintendent, Everglades National Park
Dawn Shirreffs, National Parks Conservation Association
Dr. Tom Van Lent, Senior Scientist, Everglades Foundation

12:30pm Board airboats, depart for tour

- Briefing and site visits: *Comprehensive Everglades Restoration Plan*
- Travel through Shark River Slough. Science briefing on typical Everglades systems like ridge and slough, tree islands, wet prairies, etc.

- Discussion of Federal Water Quality Issues

1:30pm Depart for Shark Valley

2:00 pm Arrive at Shark Valley, board NPS vehicles
Tour of Shark Valley Slough
Linda Friar, Everglades National Park
Maria Thompson, Everglades National Park

3:30 pm Depart for hotel

4:30pm Arrive at Biltmore hotel

8:00 pm Dinner at Fontana Restaurant, Biltmore Hotel

Dinner Briefing: *Building on 2010 Everglades Restoration Progress: Water Resources Development Act Authorization and Future Goals*
John Adornato, National Parks Conservation Association
Sarah Barmeyer, National Parks Conservation Association
Kirk Fordham, CEO, Everglades Foundation
Mr. and Mrs. Dan Kimball (Kit), Everglades National Park
David Lawrence, Everglades Foundation Board Member
Dawn Shirreffs, National Parks Conservation Association
Dr. Tom Van Lent, Everglades Foundation

Overnight at Biltmore Hotel

Saturday, January 29, 2011:

Breakfast in-room or in any of the hotel restaurants

Depart from Miami International Airport returning to Washington, DC.

Reply | Reply to All | Forward

Re: Congressional staff trip-rescheduling

Vivian Miller [vmiller@evergladesfoundation.org]

Sent: Thursday, January 27, 2011 1:12 PM

To: Estenoz, Shannon A

Shannon, I am sure Kirk spoke with you already but I wanted to confirm you could join us tomorrow morning at Ocean Reef in the Heritage Room at the Cultural Center, 9am.

Please let me know if you can attend.

Thanks!

Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
Phone: (305) 251-0001 x233
Cell: (b) (6)
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On Jan 25, 2011, at 11:11 AM, Estenoz, Shannon A wrote:

> Hi Vivian!
>
> Thanks for sending this to me. Can you also forward the list of Congressional folks who are attending?
>
> Thanks so much,
>
> Shannon
>
> Shannon Estenoz
> Director, Everglades Restoration Initiatives
> United States Department of the Interior
> c/o South Florida Ecosystem Restoration Task Force
> Florida International University
> 11200 SW 8th Street, OE 165
> Miami, FL 33199
>
> Phone: (305) 348-1665
> Direct Line: (305) 348-1660
> Cell Phone: (b) (6)

Reply Reply to All Forward

contact info

Estenoz, Shannon A

Sent: Tuesday, February 01, 2011 9:46 AM
To: rgibbs@evergadesfoundation.org

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
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11200 SW 8th Street, OE 165
Miami, FL 33199

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Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

Reply Reply to All Forward

contact info

Estenoz, Shannon A

Sent: Tuesday, February 01, 2011 9:49 AM
To: rgibbs@evergladesfoundation.org

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
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Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

RE: contact info

Estenoz, Shannon A

Sent: Tuesday, February 01, 2011 9:55 AM

To: Richard Gibbs [rgibbs@evergladesfoundation.org]

Thanks!

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667

shannon_estenoz@ios.doi.gov

From: Richard Gibbs [rgibbs@evergladesfoundation.org]
Sent: Tuesday, February 01, 2011 9:53 AM
To: Estenoz, Shannon A
Subject: Re: contact info

Hi Shannon:
Got it See article below.
Best,
Richard

Sun-Sentinel
Jan. 27, 2011

Kirk Fordham: Preserving the Everglades as good for our economy as it is for our ecology

Preserving the Everglades as good for our economy as it is for our ecology

January 27, 2011|By Kirk Fordham

Having won a sweeping victory, Florida's incoming Republican leaders have the opportunity to remake our state into an economic powerhouse. For too long, our state has too often relied on an intoxicating combination of population growth and home construction to fuel its economic engine.

As a result, speculative overbuilding has left our cities and suburbs scarred with abandoned homes, unfinished developments and devalued properties. Decent jobs are scarce. Our water supply is stretched and our environment has been seriously harmed. Taxpayers are being forced to pay for the mistakes of policymakers who turned a blind eye while development built on a virtual house of cards collapsed, leaving our economy in a shambles.

This time around, we simply must rebuild our economy in a way that is both economically sustainable as well as protects the Everglades and the spectacular array of lakes, forests, wetlands, waterways, beaches and parks that make Florida a place worth living.

For too long, some lawmakers have argued that we must choose between economic growth and the conservation of natural resources. In fact, as Gov. Rick Scott surely knows, we can simultaneously create jobs while still preserving the environmental

assets that enhance our quality of life and increase the value of our homes.

While new residents will continue to come to our low-tax, sun-drenched communities, our prosperity depends on a number of critical factors if Florida is to build a sustainable and resilient future:

Economic Restructuring: Florida sorely needs to expand industry sectors to create the jobs of the future. In emerging growth centers around our state, biotech, clean energy, life sciences, financial services and health care companies are creating high-wage jobs and attracting better-educated workers.

Gov. Scott should make it a priority to focus his economic development efforts on incentivizing these industries.

Protect our Water Supply: Nearly 80 percent of Floridians support restoring the Everglades. Why? Aside from the fact that this spectacular natural wonder is home to a wide range of rare and endangered wildlife like the Florida panther and the Southern bald eagle, our citizens have an acute understanding of the economic importance of the Everglades to our state.

Smart business leaders know it is an economic imperative that we protect our most valuable natural resource: water. One in three Floridians depend directly on the Everglades for their daily supply of fresh water (including virtually everyone in Broward, Palm Beach and Miami-Dade counties).

We are already forced to institute tough restrictions on irrigation and other water uses. How will we ever meet future demands? If our state intends to attract new business and provide water to our growing population, our only real choice is to complete the bipartisan Everglades restoration plan.

Yet, state appropriations for Everglades restoration have taken one of the biggest hits during the recession —slashed 75 percent from $200 million in 2007 to $50 million this year. House Speaker Dean Cannon and Senate President Mike Haridopolos quickly need to restore Florida's investment in Everglades projects if we are to meet our water needs and save this fragile ecosystem.

The good news: We need not create even a single new government job to build these Everglades projects. All around our state, private sector contractors are putting people back to work in construction, engineering and other good-paying jobs building Everglades restoration projects from the Kissimmee River basin to Collier County. Even better news: Since the beginning of the economic downturn, contracts for these Everglades construction projects are being awarded by as much as 50 percent below their projected budgets.

A recent economic study conducted by Mather Economics (sponsored by the Everglades Foundation) indicated that, even under the most conservative estimates, we generate $4 in economic activity for every $1 invested in Everglades restoration. In a significant boost to our employment picture, 22,000 short- to mid-term jobs and more than 442,000 jobs will be created over the next several decades in the tourism, real estate, commercial and recreational fishing industries.

Reform our Growth Management Laws: The governor's transition team drafted an ambitious set of regulatory reform recommendations designed to spur economic activity. Now it will be up to the Legislature to reform our growth management laws responsibly to help reduce costs to business while still protecting our water supply and environment.

Taxpayers have made it clear they are fiercely opposed to footing the bill for "bad" development in places it doesn't belong. Simply rubber-stamping building permits in a more expedited fashion won't create a market for homes that currently doesn't exist.

Instead, developers should be incentivized to build affordable, walkable communities in urban and suburban infill areas and along existing road networks that tie into mass transportation systems that are better integrated to our population centers.

When new large-scale communities, or even more modest housing developments are proposed in far-flung areas disconnected from existing roads, schools and services, we should not be taxed to pay for this new infrastructure.

Protect What's Left: Florida enjoys world-renowned coral reefs, top-rated beaches and one-of-a-kind wildlife refuges. Everglades restoration will allow us to protect these environmental assets and the recreational opportunities they provide for the millions of Floridians (and visitors) who love to boat, fish, hunt, snorkel and hike their way through our parks and waterways.

But protecting the natural assets that make this a destination for both tourists and our next generation of residents means charting a new direction for our state.

Protecting our environment and making Florida more competitive economically do not have to be competing goals. Thoughtful leadership and modest investment can simultaneously accomplish both.

Kirk Fordham, formerly a chief of staff to three Republican Members of Congress, now serves as CEO of the Everglades Foundation. Learn more at http://www.evergladesfoundation.org.

Richard Gibbs
Senior Director of Communications
EVERGLADES FOUNDATION
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On Feb 1, 2011, at 9:49 AM, Estenoz, Shannon A wrote:

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
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shannon_estenoz@ios.doi.gov

Reply | Reply to All | Forward

Congressional staff trip, Feb 24 and 25

You replied on 2/8/2011 4:38 PM.

Vivian Miller [vmiller@evergladesfoundation.org]

Sent: Tuesday, February 08, 2011 2:06 PM
To: Estenoz, Shannon A
Attachments: AGENDA February Congressio~1.doc (31 KB) [Open as Web Page]; ATT00001.htm (211 B)

Shannon, we are preparing to host another round of congressional staffers in a couple weeks. The draft itinerary is attached, it is similar to what we planned for January.

Please let me know if you can join us on Thursday at Ocean Reef for the breakfast and lunch briefings.

Many thanks,

Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
Phone: (305) 251-0001 x233
Cell: (b) (6)
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Everglades Foundation

Congressional Educational Briefings and Site Visits

February 23-26, 2011

Overview:

This is an intensive two-day trip to the greater Everglades ecosystem for key Congressional staff handling environmental legislation affecting this region (Comprehensive Everglades Restoration Plan, Modified Waters Delivery Act, Endangered Species Act, Interior/Energy & Water Appropriations). Currently the federal government, working with the State of Florida, is undertaking the world's largest ecosystem restoration project. A wide range of federal agencies have jurisdiction over various components of this initiative, including: the Department of Interior, the U.S. Army Corps of Engineers, the Environmental Protection Agency and the Fish and Wildlife Service.

The purpose of these briefings and the accompanying site visits is to provide key policymaking staff with an overview of the progress made and the challenges still confronting key federal holdings like Everglades National Park and the Big Cypress National Preserve. Participants will focus on legislative proposals in 2011 that will address these issues.

Travel:

Participants fly to Miami International Airport the evening prior to the first day of briefings and site visits. Air & ground transport, overnight lodging (@ Key Largo Grande Hotel, Key Largo, FL) and meals provided by Everglades Foundation.

February 23, 2011:

Depart Washington, DC late afternoon/evening. Arrive Miami International Airport, transportation to hotel.

February 24, 2011:

7:45am	Depart hotel, boxed breakfast on the way to briefing
8:15am	Breakfast Briefing Welcome: **(TBC) Eric Buermann**, Chairman, South Florida Water Management District Everglades Restoration 101: The Economics of Everglades Restoration and An Introduction to Current Federal Issues Affecting the Greater Everglades Ecosystem

(TBC) Shannon Estenoz, Director of Everglades Restoration Initiatives, U.S. Department of Interior
Kirk Fordham, CEO, Everglades Foundation
Tom Van Lent, Senior Scientist, Everglades Foundation
(TBC) Conservation partners

Congressional staff will break up into two groups alternating between briefing and helicopter tours/project site visits

9:45am Board helicopter for Site Visits and aerial briefing:
Site visits led by:

Dr. Tom Van Lent, Senior Scientist, Everglades Foundation
Kirk Fordham, CEO, Everglades Foundation
Garrett Wallace, Federal and Tribal Affairs Liaison, South Florida Water Management District

10:00am Flyover/Site Visits:

Everglades National Park/Florida Bay

C-111 Canal Project

Tamiami Trail/Modified Waters Delivery Project

Biscayne Bay Coastal Wetlands

12:00 noon Lunch Briefing on Modified Water Delivery Projects
National Park Service, Department of Interior, Everglades Foundation

1:00pm Depart Ocean Reef for National Park Service Interagency Science Center

1:30pm Briefing and Site Visits: Critical Issues Affecting Florida Bay estuary, C-111 Canal Project, Water Resources Development Act

Site visits led by:
National Park Service Staff Scientists/Rangers
Dr. Tom Van Lent, Senior Scientist, Everglades Foundation
Dr. Steve Davis, Wetlands Ecologist, Everglades Foundation
Kirk Fordham, CEO, Everglades Foundation
Garrett Wallace, South Florida Water Management District
(TBC) Conservation partners

4:00pm Return to National Park Service Interagency Science Center

4:15pm Depart for Hotel

4:30pm Return to Hotel

6:30pm Dinner Briefing: Dan Kimball, Superintendant, Everglades National Park
(TBC) Conservation partners

February 25, 2011:

8:00am Depart hotel, boxed breakfast on the way to Shark Valley

9:00am Rest stop at Homestead Farmer's Market Restaurant

9:45am Stop at construction site of Tamiami Trail Project:
Authorized by Modified Waters Delivery Act; Discussion of authorization of Tamiami Trail Next Steps 5.5 mile bridge

10:15am Arrive at Everglades National Park, board Park Service vehicles

10:30am Tour of Shark Valley Slough, Discussion of 2011 Everglades Appropriations Requests

12:30pm Depart for lunch

1:00pm Big Cypress National Preserve Lunch Briefing:
Expansion/Creation of National Wildlife Refuges & Utilizing USDA Land and Water Conservation Programs
Steve Davis, Wetlands Ecologist, Everglades Foundation
Pedro Ramos, Superintendant, Big Cypress National Preserve
Garrett Wallace, South Florida Water Management District
(TBC) Conservation Group Representatives

2:00pm Boats depart Frog City (or 40 Mile Bend) for briefing and site visits of Comprehensive Everglades Restoration Plan

Travel through Shark River Slough. Science briefing on typical Everglades systems like ridge and slough, tree islands, wet prairies, etc.

Discussion of Federal Water Quality Issues
Representatives from Everglades Foundation, Audubon, National Park Service & Environmental Protection Agency

3:30pm Return to Boat dock and depart for hotel

4:00 pm Return to hotel

7:30 pm Dinner Briefing: Building on 2010 Everglades Restoration Progress: Water Resources Development Act Authorization and Future Goals
Kirk Fordham, CEO, Everglades Foundation, Staff Scientists, Everglades Foundation, Garrett Wallace, SFWMD, Federal agency representatives & Conservation leaders

Overnight at Hotel

February 26, 2011:

Depart to Miami International Airport for AM flights

Reply Reply to All Forward

Re: Congressional staff trip, Feb 24 and 25

Estenoz, Shannon A

Sent: Tuesday, February 08, 2011 4:38 PM
To: 'vmiller@evergladesfoundation.org'

Vivian,

I am out of town opn those days unfortunately, so I will have to miss this one.

S

From: Vivian Miller <vmiller@evergladesfoundation.org>
To: Estenoz, Shannon A
Sent: Tue Feb 08 14:06:04 2011
Subject: Congressional staff trip, Feb 24 and 25

Shannon, we are preparing to host another round of congressional staffers in a couple weeks. The draft itinerary is attached, it is similar to what we planned for January.

Please let me know if you can join us on Thursday at Ocean Reef for the breakfast and lunch briefings.

Many thanks,

Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
Phone: (305) 251-0001 x233
Cell:(b) (6)
Fax: (305) 251-0039
E-mail: vmiller@evergladesfoundation.org
www.evergladesfoundation.org
One Mission. One Priority. Restoring America's Everglades.

This message is confidential, intended only for the named recipient(s) and may contain information that is privileged or exempt from disclosure under applicable law. If you are not the intended recipient(s), you are hereby notified that the dissemination, distribution, or copying of this message/data is strictly prohibited. If you received this message in error, or are not the intended recipient(s), please notify the sender at either their address or telephone number indicated above. In addition, please delete the erroneously received message from any device/media where the message is stored.

Reply | Reply to All | Forward

Re: Congressional staff trip, Feb 24 and 25

Vivian Miller [vmiller@evergladesfoundation.org]

Sent: Wednesday, February 09, 2011 1:03 PM
To: Estenoz, Shannon A
Cc: Fordham Kirk [kirkfordham(b) (6)]

Thanks Shannon, sorry you can't join us this time.

Best,
Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
Phone: (305) 251-0001 x233
Cell: (305) 613-8103
Fax: (305) 251-0039
E-mail: vmiller@evergladesfoundation.org
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One Mission. One Priority. Restoring America's Everglades.

This message is confidential, intended only for the named recipient(s) and may contain information that is privileged or exempt from disclosure under applicable law. If you are not the intended recipient(s), you are hereby notified that the dissemination, distribution, or copying of this message/data is strictly prohibited. If you received this message in error, or are not the intended recipient(s), please notify the sender at either their address or telephone number indicated above. In addition, please delete the erroneously received message from any device/media where the message is stored.

On Feb 8, 2011, at 4:38 PM, Estenoz, Shannon A wrote:

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>
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> **Sent:** Tue Feb 08 14:06:04 2011
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>
> Many thanks,
>
> Vivian Miller

Reply Reply to All Forward

Budget

Estenoz, Shannon A

Sent: Monday, February 14, 2011 3:23 PM
To: kfordham@evergladesfoundation.org
Attachments: FY_2012_Evg_rest._summary.docx (15 KB) [Open as Web Page]

Kirk,

For convenience I am sharing my talking points with you. Please don't circulate them, I'm just sharing them for your convenience. When you guys have put together your statement, have Richard send it to me along with that information we were talking about this morning.

By the way, just got off a press call with the Secretary on the budget and all anyone wanted to talk about was Ocean energy budget.

S

Shannon Estenoz
Director, Everglades Restoration Initiatives
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c/o South Florida Ecosystem Restoration Task Force
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Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

Everglades Restoration – FY 2012 President's Budget

- The FY 2012 President's Budget maintains the Obama Administration's strong commitment to Everglades restoration.

- The FY 2012 President's Budget funds continued work at key projects throughout South Florida, providing both environmental benefits for the Everglades and jobs for the South Florida economy.

- Overall, for Everglades restoration, the FY 2012 President's Budget request for the Army Corps and Interior is $267 million, which is an increase of $15 million, or 6%, over last year.

- For Interior, the budget includes $8 million toward the completion of the one-mile bridge on the Tamiami Trail, which is a critical first step to restore more natural water flow to Everglades National Park and Florida Bay.

- The Interior budget also includes an increase of $30 million to complete land acquisition in the East Everglades Addition to Everglades National Park ($25 million) and to reimburse the State of Florida for the lands it has conveyed to the National Park Service within the Big Cypress Addition ($5.6 million) pursuant to current law. The Interior budget supports the continued work of the Fish and Wildlife Service in endangered species management with an increase of $1.8 million.

- The Army Corps' budget includes $163 million for work under the Comprehensive Everglades Restoration Plan and for other key South Florida ecosystem restoration activities.

- Key construction elements of the Corps' budget include:

    - $23 million for C-51 culvert repairs
    - $13.6 million for continuing construction at Picayune Strand
    - $21 million for continuing construction at IRL-South
    - $5 milllion for Site-1 construction oversight and design for Phase 2
    - $45.6 million for Kissimmee River spillway additional and Reach 3 Backfill
    - $13.3 million for C-111 continue design and construction
    - $1 milllion for Seminole Big Cypress basin 2 and 3

Reply Reply to All Forward

This afternoon

Estenoz, Shannon A

Sent: Friday, March 04, 2011 10:32 AM
To: kfordham@evergladesfoundation.org

Hey there!

Can I show up at around 12:30 instead of 12? I have a conference call at 11. I need to do the first half of it in front of my computer.

S

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
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Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

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Re: This afternoon

Kirk Fordham [kirkfordham(b) (6)

Sent: Friday, March 04, 2011 10:37 AM

To: Estenoz, Shannon A

no problem!

On Fri, Mar 4, 2011 at 10:32 AM, Estenoz, Shannon A <Shannon_Estenoz@ios.doi.gov> wrote:

> Hey there!
>
> Can I show up at around 12:30 instead of 12? I have a conference call at 11. I need to do the first half of it in front of my computer.
>
> S
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> Shannon Estenoz
> Director, Everglades Restoration Initiatives
> United States Department of the Interior
> c/o South Florida Ecosystem Restoration Task Force
> Florida International University
> 11200 SW 8th Street, OE 165
> Miami, FL 33199
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> Fax: (305) 348-1667
>
> shannon_estenoz@ios.doi.gov

--
Kirk Fordham
CEO, Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, Florida 33157
(305) 251-0001 x227
(b) (6) mobile

www.evergladesfoundation.org

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Fwd: S FL WMD applicants

Kirk Fordham [kirkfordham(b) (6)

Sent: Friday, March 04, 2011 12:55 PM

To: Charles Lee [chlee2(b) (6) ; DRAPER, Eric [EDRAPER@audubon.org];

---------- Forwarded message ----------
From: **Noah Valenstein** <noah@brightwaterstrategies.com>
Date: Fri, Mar 4, 2011 at 9:18 AM
Subject: S FL WMD applicants
To: Kirk Fordham <kirkfordham(b) (6) >
Cc: Kirk Fordham <kfordham@evergladesfoundation.org>

Kirk,

Here is the full list of SFWMD applicants as of today.

Noah

Governing Board, South Florida Water Management District

Description: To discharge the functions as set by the legislature; conserve, protect, manage, and control state waters; preserve natural resources, fish and wildlife; and promote recreational protection.

Qualifications: One member from each county as set out in the Statutes. No county shall have more than three members.

Term: 4 years **Confirmation:** Senate **Salary:** none

Meetings: monthly, 8 in West Palm Beach, 4 in other related counties
Next meeting is March 9, 10

Vacancies: Eric Buermann, term expires 3-1-2011
Shannon Estenoz, resigned 12-10-2010
Patrick Rooney, resigned 6-18-2010
Charles Dauray, term expires 3-1-2011

Applicants **Recommendations**

Seat 1: Shall reside in Miami-Dade County.

Robert Julia

- self-employed attorney

Reply Reply to All Forward

Fw: CONGRATULATIONS!!!

Estenoz, Shannon A

Sent: Tuesday, March 08, 2011 10:51 PM

To: 'kfordham@evergladesfoundation.org'

----- Original Message -----
From: Estenoz, Shannon A
To: 'jadornato@npca.org' <jadornato@npca.org>
Cc: Jodrey, Donald S
Sent: Tue Mar 08 22:49:52 2011
Subject: CONGRATULATIONS!!!

We just checked the returns! 22 of 22 precincts reporting and 61 percent of the vote to John Adornato!!!! Congratulations Commissioner!!!! I am very proud of you!!!!

Shannon

Reply | Reply to All | Forward

Fwd: You sending the letter?

Kirk Fordham [kirkfordham(b) (6)]
Sent: Friday, March 11, 2011 5:16 PM
To: Estenoz, Shannon A
Attachments: EPA 3 10 11.pdf (411 KB) [Open as Web Page]

Sent from my iPhone

Begin forwarded message:

> **From:** "PerezQuinn, Susie (Bill Nelson)" <susie_perezquinn@billnelson.senate.gov>
> **To:** Kirk Fordham <kirkfordham(b) (6) >
> **Subject: RE: You sending the letter?**
>
> -----Original Message-----
> From: Kirk Fordham [mailto:kirkfordham(b) (6)
> Sent: Friday, March 11, 2011 5:06 PM
> To: PerezQuinn, Susie (Bill Nelson)
> Subject: You sending the letter?
>
> Sent from my iPhone

United States Senate
WASHINGTON, DC 20510–0905

BILL NELSON
FLORIDA

March 10, 2011

The Honorable Lisa Jackson
Administrator
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, DC 20460

Dear Administrator Jackson,

Thank you for meeting with me yesterday to discuss the Environmental Protection Agency's (EPA) rule to establish limits on nitrogen and phosphorous for Florida lakes, flowing waters, and clear springs.

There are few people as adamant about protecting Florida's environment as I am. Common sense tells us that a clean environment - in this instance, clean water - is good for our citizens and Florida's tourism-driven economy.

Understandably, there are steep costs associated with algae blooms, fish kills and closed beaches. But there remains intense debate over the cost of complying with this the rule for cities, communities and businesses. EPA estimates range from $135 and $206 million. The Florida Department of Agriculture and Consumer Services found agriculture alone would face up to $1.6 billion annually.

Without more precise figures of the actual costs to Floridians, municipalities and the state's economy, the EPA should not spend money to enforce the rule. In the meantime, I'm asking that you expeditiously commission an independent third-party review of the total costs of compliance, perhaps under the auspices of the National Academies of Science or the state university system.

Critics charge the EPA's cost estimates are flawed. For example, they say, the EPA assumes most agricultural activities won't be directly regulated and that utilities won't need to invest in the most expensive types of new wastewater treatment. An independent review will shed light on whether these assumptions are correct.

Several cities and businesses have asked for EPA's guidance regarding alternatives to meeting the rule's standards. EPA must be responsive to these requests and continue to provide assistance. And I urge you to do so.

In a nutshell, I ask for the EPA to suspend application and enforcement of the rule, while providing for an independent analysis of the costs of compliance and continuing to help cities and counties prepare for its eventuality. I look forward to your response and thank you in advance for your efforts to ensure an accurate, unbiased assessment of the aforementioned costs.

Sincerely,

Bill Nelson

Reply Reply to All Forward

HB991

Estenoz, Shannon A

Sent: Monday, March 28, 2011 11:39 AM
To: clee@audubon.org; edraper@audubon.org; noah@brightwaterstrategies.com
Cc: kfordham@evergladesfoundation.org

Gentlemen,

I just read Craig Pittman's piece last week about HB 991. Are any of you familiar enough with this bill to talk to me about its prospects for passage and any potential ramifications it might have in the areas north of Lake O. where Interior/USDA etc. are working to establish new conservation lands?

S

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

Reply Reply to All Forward

RE: HB991

Estenoz, Shannon A

Sent: Monday, March 28, 2011 12:09 PM
To: DRAPER, Eric [EDRAPER@audubon.org]; LEE, Charles [chlee2(b) (6)]; noah@brightwaterstrategies.com
Cc: Kirk Fordham [kfordham@evergladesfoundation.org]

Thanks Eric. Just got off the phone with Charles. He briefed me up on major thrust of the bill. We also talked about a second bill that would broaden the ag exemption to increase the types of wetland modifications that are exempt from ERP permitting. Are you familiar with that one?

S

Shannon Estenoz
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c/o South Florida Ecosystem Restoration Task Force
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Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: DRAPER, Eric [EDRAPER@audubon.org]
Sent: Monday, March 28, 2011 12:05 PM
To: Estenoz, Shannon A; LEE, Charles; noah@brightwaterstrategies.com
Cc: Kirk Fordham
Subject: Re: HB991

Shannon

We continue to negotiate parts of the bill. It is very likely to pass. I can call tonight.

Sent on the Sprint® Now Network from my BlackBerry®

From: "Estenoz, Shannon A" <Shannon_Estenoz@ios.doi.gov>
Date: Mon, 28 Mar 2011 11:39:35 -0400
To: LEE, Charles<chlee2(b) (6) >; DRAPER, Eric<EDRAPER@audubon.org>; noah@brightwaterstrategies.com<noah@brightwaterstrategies.com>
Cc: kfordham@evergladesfoundation.org<kfordham@evergladesfoundation.org>
Subject: HB991

Gentlemen,

I just read Craig Pittman's piece last week about HB 991. Are any of you familiar enough with this bill to talk to me about its prospects for passage and any potential ramifications it might have in the areas north of Lake O. where Interior/USDA etc. are working to establish new conservation lands?

S

Reply | Reply to All | Forward

Everglades Foundation - ERTP Conference Call

You replied on 3/31/2011 10:21 AM.

Nancy Hill [nhill@evergladesfoundation.org]

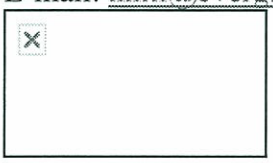
Sent: Wednesday, March 30, 2011 3:40 PM
To: Estenoz, Shannon A

Hello Shannon,

Kirk has asked me to contact you to schedule a conference call with him and Tom Van Lent regarding the Everglades Restoration Transition Plan. Could you be available any of the following days?

Tuesday, April 5th afternoon
Thursday, April 7th morning
Wednesday, April 13 morning or afternoon

Nancy Hill
Executive Assistant
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
Phone: 305.251.0001
Cell: (b) (6)
Fax: 305.251.0039
E-mail: nhill@evergladesfoundation.org



www.evergladesfoundation.org

Reply Reply to All Forward

RE: Everglades Foundation - ERTP Conference Call

Estenoz, Shannon A

Sent: Thursday, March 31, 2011 10:18 AM
To: Nancy Hill [nhill@evergladesfoundation.org]

Hi Nancy. My schedule the next couple of weeks is a little uncertain because I may have to travel at the last minute. We could certainly schedule a call (the afternoon of the 5th works) and cancel if I have to. Having said that, I know for sure that I am not traveling on Monday the 4th. Are they by chance available late Monday afternoon? (i.e. 3 pm or later)

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Nancy Hill [nhill@evergladesfoundation.org]
Sent: Wednesday, March 30, 2011 3:40 PM
To: Estenoz, Shannon A
Subject: Everglades Foundation - ERTP Conference Call

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Phone: 305.251.0001
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Fax: 305.251.0039
E-mail: nhill@evergladesfoundation.org

Reply | Reply to All | Forward

Re: Everglades Foundation - ERTP Conference Call

You replied on 3/31/2011 11:23 AM.

Nancy Hill [nhill@evergladesfoundation.org]

Sent: Thursday, March 31, 2011 11:08 AM
To: Estenoz, Shannon A

Shannon,

Kirk is not available on Monday . Could we schedule for Tuesday afternoon sometime after 1pm?? If you have to travel that day we can certainly reschedule.
Thanks,

On Mar 31, 2011, at 10:18 AM, Estenoz, Shannon A wrote:

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>
> **Nancy Hill**

Reply Reply to All Forward

RE: Everglades Foundation - ERTP Conference Call

Estenoz, Shannon A

Sent: Thursday, March 31, 2011 11:23 AM
To: Nancy Hill [nhill@evergladesfoundation.org]
Cc: darmel@sfrestore.org

Sure. Let's do 1:30?

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
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> Phone: (305) 348-1665

Reply | Reply to All | Forward

Re: Everglades Foundation - ERTP Conference Call

You replied on 4/5/2011 4:11 PM.

Nancy Hill [nhill@evergladesfoundation.org]

Sent: Thursday, March 31, 2011 1:11 PM
To: Estenoz, Shannon A
Cc: Kirk Fordham [kirkfordham (b) (6)

OK - I have scheduled the call for Tuesday, April 5th, 1:30-2:30pm with Kirk and Tom Van Lent.

Call in # (b) (4) **Passcode:** (b) (4)

Thanks, Shannon.

On Mar 31, 2011, at 11:23 AM, Estenoz, Shannon A wrote:

> Sure. Let's do 1:30?
>
> Shannon Estenoz
> Director, Everglades Restoration Initiatives
> United States Department of the Interior
> c/o South Florida Ecosystem Restoration Task Force
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> **Subject:** Re: Everglades Foundation - ERTP Conference Call
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>
> On Mar 31, 2011, at 10:18 AM, Estenoz, Shannon A wrote:
>
> > Hi Nancy. My schedule the next couple of weeks is a little uncertain because I may have to travel at the last minute. We could certainly schedule a call (the

Reply Reply to All Forward

RE: Everglades Foundation - ERTP Conference Call

Estenoz, Shannon A

Sent: Thursday, March 31, 2011 3:19 PM
To: Nancy Hill [nhill@evergladesfoundation.org]
Cc: Kirk Fordham [kirkfordham(b) (6)

Nancy,

Not two hours have gone by and I need to reschedule. Can they do 12:30 to 1:30 or 4 to 4:30?

S

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone:(b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Nancy Hill [nhill@evergladesfoundation.org]
Sent: Thursday, March 31, 2011 1:11 PM
To: Estenoz, Shannon A
Cc: Kirk Fordham
Subject: Re: Everglades Foundation - ERTP Conference Call

OK - I have scheduled the call for Tuesday, April 5th, 1:30-2:30pm with Kirk and Tom Van Lent.

Call in #(b) (4) **Passcode:**(b) (4)

Thanks, Shannon.

On Mar 31, 2011, at 11:23 AM, Estenoz, Shannon A wrote:

> Sure. Let's do 1:30?
>
> Shannon Estenoz
> Director, Everglades Restoration Initiatives
> United States Department of the Interior
> c/o South Florida Ecosystem Restoration Task Force
> Florida International University
> 11200 SW 8th Street, OE 165

Reply | Reply to All | Forward

Re: Everglades Foundation - ERTP Conference Call

You forwarded this message on 4/5/2011 4:07 PM.

Nancy Hill [nhill@evergladesfoundation.org]

Sent: Thursday, March 31, 2011 3:27 PM
To: Estenoz, Shannon A
Cc: Kirk Fordham [kirkfordham(b) (6)

Let's reschedule to 4:00 - 4:30pm. That is not a problem. Thanks.

On Mar 31, 2011, at 3:19 PM, Estenoz, Shannon A wrote:

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> Shannon Estenoz
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>
> ---
>
> **From:** Nancy Hill [nhill@evergladesfoundation.org]
> **Sent:** Thursday, March 31, 2011 1:11 PM
> **To:** Estenoz, Shannon A
> **Cc:** Kirk Fordham
> **Subject:** Re: Everglades Foundation - ERTP Conference Call
>
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>
> **Call in** (b) (4) **Passcode** (b) (4)
>
> Thanks, Shannon.
>
> On Mar 31, 2011, at 11:23 AM, Estenoz, Shannon A wrote:

Reply Reply to All Forward

RE: Everglades Foundation - ERTP Conference Call

Estenoz, Shannon A

Sent: Thursday, March 31, 2011 3:36 PM
To: Nancy Hill [nhill@evergladesfoundation.org]
Cc: Kirk Fordham [kirkfordham(b) (6)

Great! thanks

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
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Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Nancy Hill [nhill@evergladesfoundation.org]
Sent: Thursday, March 31, 2011 3:27 PM
To: Estenoz, Shannon A
Cc: Kirk Fordham
Subject: Re: Everglades Foundation - ERTP Conference Call

Let's reschedule to 4:00 - 4:30pm. That is not a problem. Thanks.

On Mar 31, 2011, at 3:19 PM, Estenoz, Shannon A wrote:

> Nancy,
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> Not two hours have gone by and I need to reschedule. Can they do 12:30 to 1:30 or 4 to 4:30?
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> Shannon Estenoz
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> Cell Phone: (b) (6)

Reply Reply to All Forward

Are you around?

Estenoz, Shannon A

Sent: Tuesday, April 05, 2011 10:10 AM
To: kfordham@evergladesfoundation.org

I know we have a call scheduled today at 4 to talk ERTP. Do you have time before or after that for me to fill you in on a couple of things?

S

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
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Miami, FL 33199

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Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

Reply Reply to All Forward

RE: Everglades Foundation - ERTP Conference Call

Estenoz, Shannon A

Sent: Tuesday, April 05, 2011 4:09 PM
To: Nancy Hill [nhill@evergladesfoundation.org]
Cc: Kirk Fordham [kirkfordham(b) (6)

Hi there!

Call me if you guys still want to talk about ERTP. I waited on the call for a while but hung up a minute ago. I'm at my computer for another hour or so.

S

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
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Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Nancy Hill [nhill@evergladesfoundation.org]
Sent: Thursday, March 31, 2011 1:11 PM
To: Estenoz, Shannon A
Cc: Kirk Fordham
Subject: Re: Everglades Foundation - ERTP Conference Call

OK - I have scheduled the call for Tuesday, April 5th, 1:30-2:30pm with Kirk and Tom Van Lent.

Call in #(b) (4) **Passcode:** (b) (4)

Thanks, Shannon.

On Mar 31, 2011, at 11:23 AM, Estenoz, Shannon A wrote:

> Sure. Let's do 1:30?
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> Shannon Estenoz
> Director, Everglades Restoration Initiatives
> United States Department of the Interior
> c/o South Florida Ecosystem Restoration Task Force
> Florida International University

Reply Reply to All Forward

FYI

Estenoz, Shannon A

Sent: Wednesday, April 06, 2011 11:56 AM
To: kfordham@evergladesfoundation.org

Scott getting special treatment from special district
04/05/2011
Palm Beach Post
John Kennedy

Return to Top

Lake Worth Drainage District representatives are trying to get Gov. Rick Scott to embrace legislation aimed at helping direct water from remote northwest Palm Beach County to the crowded cities that line its eastern shoreline.

First-year Rep. Lori Berman, D-Delray Beach, drew a warning this week from Scott's office that the Republican governor was inclined to veto her bill for the special district (HB 741) if it continued on the path to approval.

On Tuesday, the House Finance and Tax Committee unanimously approved the measure — its third straight OK without opposition — leaving it tantalizingly close to full House action.

But district attorney Terry Lewis said he's also stepped in, huddling with representatives of Scott's office to ease concerns the legislation could add tax liability to taxpayers within the district's 200 miles of Palm Beach County.

"It won't," said Lewis, although he acknowledged the measure will give the district authority to issue bonds to develop new water supply sources. "We're talking. I think the governor's office has a better understanding."

Scott spokesman Brian Hughes said discussions are continuing over the bill.

The district is looking to build a reservoir, improve canals and other work to direct water from wetlands northwest of the C-51 canal toward southeastern Palm Beach County — where the people are.

The district also is seeking the Legislature's go-ahead to become a water supplier to county and municipal utilities, once the work is completed.

Lewis said enhancing the supply will make water costs cheaper for county taxpayers. Also, the work planned by the district will create jobs — all part of his sales pitch to Scott.

Shannon Estenoz

FW: Draft letter to GB

Estenoz, Shannon A

Sent: Monday, April 11, 2011 3:51 PM
To: tvanlent@evergladesfoundation.org
Attachments: MOUC51.pdf (4 MB)

Tom,

The note I sent to the crew Friday is below and the MOU is attached. Let's talk again today or tomorrow. Thanks so much for your help on this.

S

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667

shannon_estenoz@ios.doi.gov

From: Estenoz, Shannon A
Sent: Friday, April 08, 2011 3:51 PM
To: Aumen, Nick; Mike Waldon; scheidt.dan@epamail.epa.gov; Jodrey, Donald S; Johnson, Robert; lawrence@sfrestore.org; syliva_pelizza@fws.gov; Harwell, Matthew; Souza, Paul; dduke@sfrestore.org
Subject: Draft letter to GB

Friends,

I spoke to Tom Olliff, Ken Ammon and Dean Powell this afternoon about the problematic phrase in the MOU referencing water above and beyond that necessary to deliver benefits "pursuant to CERP". The bottom line is that while they are sympathetic to our concern, Lake Worth and the Ft. Lauderdale commission have already approved the language and the District does not believe the concern to be great enough to warrant the delay and inconvenience of making the change. So, I know we are up against a shut down, but in the event that this is worth the effort and that we are back at work before next Thursday, I quickly drafted the letter below that would go to Joe Collins asking them to address this problem despite the inconvenience and delay.

I need feedback on two major things:

1. Is this hay worth making? Based on what you know about the LIKELY sources of water the utilities would go after, is it important for us to throw down this marker (even if they don't change the language), OR is it simply not likely that this reservoir will go after water than would otherwise come to the natural system.

2. The contents of the letter (caveat: it must stay under one page if at all possible).

If you want to look at the whole MOU, go to this link and click on the agenda for the April 14th meeting. Choose "detailed" agenda and then scroll down to the MOU which is back up for item 40.

http://my.sfwmd.gov/portal/page/portal/xweb%20about%20us/gb%20application

Dear Chairman Collins,

On behalf of the US Department of the Interior, I am writing to express a specific concern about Item number 40 on the April 14, 2011 Governing Board Agenda. The Governing Board is being asked to enter into a Memorandum of Understanding with several local government entities on a planning effort for the proposed C-51 Reservoir in western Palm Beach County. In Paragraph II entitled "Project Defined" the MOU defines possible sources of water that might be intercepted and distributed through this reservoir as consisting of water from "the C-51 east basin, the C-51 west basin and other potential sources of water *above and beyond the surface and groundwater required to achieve restoration benefits pursuant to the Comprehensive Everglades Restoration Plan ("CERP")"* (emphasis added).

While Interior appreciates and applauds efforts to protect future CERP water from being diverted to other uses, the Department notes that CERP did not provide adequate dry season and drought restoration benefits to the Everglades, particularly to Everglades National Park, a fact about which there is broad scientific agreement. CERP and its authorizing legislation explicitly provided for continued refinement of restoration plans and benefits, and as a result our understanding of the natural system's needs is far more advanced in 2011 than it was in 1999 when CERP was first developed as a framework for restoration.

It is imperative that planning efforts for the C-51 reservoir incorporate the best available restoration science, and the Department believes that this principle should be made explicit in the document, particularly in the section that actually defines the project (Section II). The Department understands that at least two parties to the MOU have already executed the document and that any language change may delay the planning process and cause some inconvenience. We believe, however, that the C-51 project may one day be an integral part of the regional water management system and that the point we are raising here goes to the heart of ensuring that the needs of the natural system are adequately considered in the analysis and design of this project.

The Department of the Interior has on several occasions publicly expressed its keen interest in the development of the C-51 Reservoir. As the planning effort moves forward, I hope that the Department can be engaged on a continuous basis so that in the future our ideas and concerns might be addressed in ways that do not cause delay or inconvenience. Thank you very much for your consideration.

Sincerely,

Shannon Estenoz

Shannon Estenoz
Director, Everglades Restoration Initiatives

United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

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Fax: (305) 348-1667

shannon_estenoz@ios.doi.gov

MEMORANDUM OF UNDERSTANDING BETWEEN THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT, PALM BEACH COUNTY, LAKE WORTH DRAINAGE DISTRICT, AND CITY OF FORT LAUDERDALE, REGARDING C-51 WATER SUPPLY & WATER QUALITY RESERVOIR PLANNING AND DEVELOPMENT

THIS MEMORANDUM OF UNDERSTANDING ("MOU") is made and entered into by and between the SOUTH FLORIDA WATER MANAGEMENT DISTRICT ("DISTRICT"), PALM BEACH COUNTY ("PALM BEACH COUNTY"), LAKE WORTH DRAINAGE DISTRICT ("LWDD"), and the CITY OF FORT LAUDERDALE ("FORT LAUDERALE"), collectively referred to as the "PARTIES," when including all entities signing this Agreement; "UTILITY PARTIES," when referring to all of the local governments which provide water, wastewater, and/or reclaimed water services to their citizens and customers and not the DISTRICT or LWDD; and, "UTILITY PARTY," when referring to one of the parties that is not DISTRICT or LWDD .

WITNESSETH:

WHEREAS, the DISTRICT is a public corporation of the State of Florida existing by virtue of Chapter 25270, Laws of Florida, 1949, and operating pursuant to Chapter 373, Florida Statutes, and Chapter 40E, Florida Administrative Code, as a multipurpose water management district, and whose mailing address is PO Box 24680, West Palm Beach, Florida 33416-4680.

WHEREAS, PALM BEACH COUNTY is a political subdivision of the State of Florida that owns and operates water, wastewater, and reclaimed water systems within incorporated and unincorporated areas of Palm Beach County; and whose mailing address for the purpose of this MOU is P.O. Box 24740, West Palm Beach, FL 33416;

WHEREAS, LWDD is a special district existing by virtue of Chapter 09-1063, Laws of Florida, and operating pursuant to Chapter 298, Florida Statutes, as a water control district, and whose mailing address is 13081 Military Trail, Delray Beach, Florida 33484;

WHEREAS, FORT LAUDERDALE is a municipality located in eastern Broward County, Florida that owns and operates a water and wastewater system within its jurisdictional boundary and unincorporated areas of Broward County and whose mailing address for the purpose of this MOU is Public Works Department, 100 N. Andrews, 4th Floor, Fort Lauderdale, FL 33301;

WHEREAS, the DISTRICT's 2000 Lower East Coast Regional Water Supply Plan ("LEC RWSP") and the 2005-2006 Update to the LEC RWSP concluded that traditional fresh groundwater and surface water were becoming increasingly limited to satisfy the region's water demands, resulting in the need to develop alternative water sources;

WHEREAS, Section 373.707, Fla. Stat., provides that it is in the public interest that county, municipal, industrial, agricultural, and other public and private water users, the Department of Environmental Protection, and the water management districts cooperate and work together in the development of alternative water supplies;

WHEREAS, each UTILITY PARTY and LWDD is a provider of water pursuant to water use permits issued pursuant to Chapter 373, Florida Statutes;

WHEREAS, the UTILITY PARTIES have been working individually to develop alternative water supply projects authorized by water use permits issued by the DISTRICT;

WHEREAS, Section 373.703, Florida Statutes, authorizes the DISTRICT to assist counties, municipalities, special districts, publicly and privately owned water utilities, multi-jurisdictional water supply entities, or regional water supply authorities in meeting water supply needs in such a manner as will give priority to encouraging conservation and reducing adverse environmental effects of improper excessive withdrawals of water from concentrated areas;

WHEREAS, Section 373.703, Florida Statutes, further provides that the DISTRICT may join with one or more other water management districts, counties, municipalities, special districts, publicly and privately owned water utilities, multi-jurisdictional water supply entities, or regional water supply authorities for the purpose of carrying out its powers, and may contract with such other entities to finance acquisitions, construction, operation, and maintenance, and may enter into contracts providing contributions to be made by each party thereto, for the division and apportionment of the expenses of acquisitions, construction, operation, and maintenance, and for the division and apportionment of the benefits, services, and products therefrom;

WHEREAS, the LWDD and UTILITY PARTIES are equipped to construct and operate alternative water supply projects in the South Florida region;

WHEREAS, it is the policy of the State of Florida to promote the availability of sufficient water for all existing and future reasonable-beneficial uses and the natural systems;

WHEREAS, it is in the public interest to promote a cooperative relationship between the PARTIES and other consumptive water users for the purpose of exploring opportunities to jointly develop alternative water supplies and/or water resource development projects in South Florida;

WHEREAS, the DISTRICT has multiple ongoing initiatives in South Florida, including, but not limited to, providing flood protection, Everglades restoration projects, meeting water quality targets, and ensuring a sufficient supply of water for all existing and future reasonable-beneficial water uses;

WHEREAS, the Lake Worth Lagoon ("Lagoon") has experienced low salinity levels at various times. The central zone of the Lagoon occupies the area between the two inlets and is characterized by intermittent but fairly frequent low salinity events occurring for time periods ranging from days to weeks. Salinity levels during these events, corresponding to major discharge operations from the C-51 Canal through the S-155 structure, drop to values of 5 to 15 practical salinity units ("psu"), with post discharge recovery to levels between 15 and 25 psu typically observed. Salinity variation of all zones of the Lagoon occur over a period of a few days to approximately one month, and

prolonged periods of low salinity can occur, especially during periods of prolonged discharge. Minimizing perturbation from large-scale C-51 Canal discharges and releasing freshwater to the estuary in a manner that more closely approaches natural volume and timing in relation to rainfall, may help stabilize salinity regimes to be better aligned with those that are more supportive of healthier, more productive estuarine flora and fauna;

WHEREAS, LWDD and the UTILITY PARTIES desire to explore opportunities to jointly develop a regional reservoir that will meet the water supply objectives of the LWDD, UTILITY PARTIES, and other potential water users; and,

WHEREAS, the DISTRICT desires to explore opportunities to jointly develop a reservoir that will meet the environmental and water supply objectives of the DISTRICT;

WHEREAS, the PARTIES encourage and desire other potentially affected utilities and stakeholders to participate in this MOU; and,

WHEREAS, the PARTIES agree that nothing in this MOU shall affect the UTILITY PARTIES' or LWDD's service areas, rights to provide service within those areas or any right obligation pursuant to their enabling laws, or the DISTRICT's consumptive use permitting authority;

NOW THEREFORE, in consideration of the foregoing premises, and the mutual covenants, terms, and conditions contained herein, the PARTIES agree to the following:

I. RECITALS AND AUTHORITY: The recitals set forth in the WHEREAS clauses above are incorporated herein. This MOU is entered into by the DISTRICT, the LWDD, and the UTILITY PARTIES.

A. The DISTRICT enters into this MOU under the authority of Section 373.083, Florida Statutes, which authorizes each water management district governing board to enter into agreements with other public agencies and private corporations to accomplish the directives and goals of Chapter 373, Florida Statutes.

B. PALM BEACH COUNTY enters into this MOU under the authority of Sections 125.01 and 153.03, Florida Statutes, which authorizes counties to enter into agreements with other public agencies and private corporations to accomplish goals for providing water to their customers.

C. FORT LAUDERDALE enters into this MOU under the authority of Section 166.021, Florida Statutes, which, as provided by s. 2(b), Art. VIII of the Florida Constitution, grants municipal corporations the governmental, corporate, and proprietary powers necessary to enable it to conduct municipal government, perform municipal functions, and render municipal services.

D. LWDD enters into this MOU under the authority of Chapter 298, Fla. Stat.

E. Other parties may participate in this MOU pursuant to their legal authority. Such participation shall occur by execution of a Joinder Agreement in substantially the same form attached hereto as Exhibit A.

II. PROJECT DEFINED: The PROJECT is the construction of a reservoir on property located in the Water Conservation Area No. 1/C-51 Water Use Basin and conveyance improvements. The PROJECT will be supplied with available surface water from the C-51 east basin, C-51 west basin, and other potential sources of water above and beyond the surface and groundwater required to achieve restoration benefits pursuant to the Comprehensive Everglades Restoration Plan ("CERP"). The PROJECT will have environmental and water supply components. identified pursuant to Section C(i).

III. PUBLIC INPUT: The PARTIES shall jointly undertake outreach to the public and local governments to engage the public, stakeholders, and other interested groups in the planning, development, design, engineering, and implementation of the PROJECT.

IV. PLANNING:

A. Water Availability: As part of the DISTRICT's ongoing efforts, the DISTRICT shall identify the sustainable surface water yield from the C-51 east and west basins. In determining the sustainable yield, the DISTRICT will: 1) perform regional water resource and hydrologic modeling; 2) assess the potential of the proposed Lake Point project in Martin County to contribute to project objective; and, 3) identify other potential sources of surface water that may contribute to the project consistent with the DISTRICT's regulatory programs; restoration programs, in particular the CERP Assurances of Project Benefits Agreement dated January 9, 2000, and DISTRICT objectives. The DISTRICT shall use reasonable efforts to complete this study by June 30, 2011.

B. Potential Users:

i. The PARTIES shall determine the aerial extent of potential water supply users of water from the PROJECT.

ii. For each public water supply entity determined to be a potential user of water from the PROJECT, the UTILITY PARTIES shall identify the quantity and timing, including average day and peak month, water needed in 10-year increments up to the year 2060 to: 1) meet each public water supply entity's total raw water demands; 2) be supplied from the PROJECT; and, 3) be met from water sources other than the PROJECT.

iii. The PARTIES may identify other potential water users, including industrial, agricultural, landscape irrigation, and water control districts established under Chapter 298, Florida Statutes. For each other

potential water user, the PARTIES shall identify the quantity of water needed from the PROJECT and the timing of the potential user's water needs.

iv. The PARTIES shall use reasonable efforts to complete the actions identified in Paragraph IV.B by June 30, 2011.

C. Natural System Needs:

i. The DISTRICT shall identify the quantity and timing of water needed from the Project in 10-year increments up to the year 2060 for the Lake Worth Lagoon, Water Conservation Area #1, and other natural systems.

ii. When identifying the amount of water needed for the natural system, the DISTRICT shall consider water quality treatment requirements that may be imposed, including the Southeast Florida Total Maximum Daily Loads, Federal Everglades settlement; water quantity commitments pursuant to CERP, and any other state or federal law, rule, regulation, agreement or order related to water quantity or water quality for natural systems.

iii. When identifying the amount of water needed for the natural system, the DISTRICT may take into account the anticipated impacts of climate change and sea level rise.

iv. The DISTRICT shall use reasonable efforts to complete this quantification by June 30, 2011.

D. Initial Feasibility Determination: Upon completion of items set forth in Paragraphs IV.A – IV.C, the PARTIES shall assess the PROJECT's feasibility in meeting the PARTIES' objectives.

E. Preliminary Project Design and Cost Estimate:

i. If the PARTIES determine that the PROJECT continues to be a viable mechanism to meet the PARTIES' objectives based on the Initial Feasibility Determination, the PARTIES may enter into an agreement to undertake the actions set forth in this section. The PARTIES anticipate the agreement would be completed by July 30, 2011.

ii. Upon execution of an agreement, the PARTIES shall work together, using the information gathered pursuant to this Section IV and any other relevant documents and reports agreed to by the PARTIES, to design the PROJECT, identify any infrastructure and operational changes that may be necessary for the success of the PROJECT, and estimate the cost of the PROJECT.

iii. Conveyance Route:

1. The LWDD and UTILITY PARTIES shall identify routes through the aerial extent identified in Paragraph IV.B.i, which may include LWDD, Broward County, and Miami-Dade County, to convey water from the PROJECT to the potential users of water identified in Subparagraphs IV.B.ii and IV.B.iii. The LWDD and UTILITY PARTIES shall identify any necessary and recommended infrastructure improvements to convey water through the routes, cost of said infrastructure improvements, and the quantity of water capable of being conveyed for each conveyance route identified.

2. The DISTRICT shall identify routes to convey water to meet the environmental and water supply objectives of the DISTRICT and shall include an analysis of the risks associated with each identified route. The DISTRICT shall also identify any necessary and recommended infrastructure improvements necessary to convey water, cost of said infrastructure improvements, and the quantity of water capable of being conveyed.

3. A report detailing the results of Paragraphs IV.E.iii.1 and 2 shall be compiled and provided to the PARTIES. The PARTIES anticipate the report will be completed by September 30, 2011. The PARTIES shall have the opportunity to review and provide comment on the report. The report shall be revised, if necessary, based on comments received from the PARTIES, any interested stakeholders, and the public.

4. The PARTIES shall choose the preferred conveyance route within 90 days of issuance of a report which all PARTIES deem acceptable.

iv. Storage and Treatment:

1. The PARTIES shall determine the size of the PROJECT and identify any storage sites and investigate the availability and water capacity of the preferred sites.

2. The DISTRICT shall identify the water quality necessary to meet state and federal water quality standards.

v. Preliminary Design and Cost Estimate Report

1. Upon completion of the tasks identified in Subparagraphs IV.E.iii and IV.E.iv, the PARTIES shall prepare a Preliminary Design

and Cost Estimate Report ("PDCR") based on the results of said tasks.

2. The PARTIES shall have the opportunity to review and comment on the PDCR prior to its finalization.

V. SECOND FEASIBILITY EVALUATION: After completion of the planning tasks identified in Section IV and consideration of the PDCR, the PARTIES shall reassess the PROJECT's feasibility in meeting the PARTIES' objectives.

VI. DESIGN, CONSTRUCTION, AND OPERATION: If the PARTIES determine that the PROJECT is appropriate and feasible to meet the PARTIES' objectives, the DISTRICT, LWDD, UTILITY PARTIES, and/or any other interested party shall execute a separate agreement which shall address funding, site acquisition, any additional design and engineering, construction, operation, permitting and regulatory considerations, and governance of the PROJECT.

VII. TERM: The term of this MOU shall commence upon its complete execution by all PARTIES and shall remain in effect until March 30, 2012, or until execution of the separate agreement contemplated by Section VI, whichever occurs first.

VIII. ENTIRE AGREEMENT: This MOU constitutes the entire agreement between the PARTIES and may not be amended or modified unless agreed to and approved in writing by all PARTIES.

IX. ASSIGNMENT: No assignment, delegation, transfer, or novation of this AGREEMENT, or any part hereof, shall be made unless approved in writing by all PARTIES.

X. DISCLAIMER OF THIRD PARTY BENEFICIARIES: This MOU is solely for the benefit of the PARTIES and no right or cause of action shall accrue to the benefit of any third party.

XI. MISCELLANEOUS PROVISIONS:

A. Nothing in this MOU is intended to constitute a binding agreement to plan, design, finance, construct, and operate the PROJECT.

B. A consultant may be retained by the PARTIES, an individual party, or several parties, to perform any portion of the party's/parties' tasks or obligations under this MOU.

C. Additional parties wishing to participate in these objectives and activities outlined in this MOU shall sign the Joinder to the MOU which is attached hereto as Exhibit A. Upon execution, the Joinder shall bind the additional party to the terms of this MOU but said execution does not relieve the PARTIES identified in Paragraph I of such obligations. The joining entity shall provide each party with a copy of the executed Joinder.

D. This MOU and the rights and obligation of the PARTIES are to be governed by, construed, and interpreted in accordance with the laws of the State of Florida.

E. In the event of any legal proceedings arising from this MOU, venue for such proceedings shall be in the Fifteenth Judicial Circuit of Florida if filed in state court and the Southern District of Florida – West Palm Beach if filed in federal court.

F. In such legal proceedings, the PARTIES hereby consent to trial by the court and waive the right to seek a jury trial as to any issues so triable.

G. Each PARTY shall be responsible for its own attorney's fees and other court costs related to enforcement of the terms of this MOU.

H. The parties acknowledge that this MOU is a negotiated agreement, and that in no event shall the terms be construed against any party on the basis that such party, or their counsel, drafted this MOU.

I. Notice of any determination or termination under this MOU shall be made to the PARTIES at the addresses listed above for each PARTY.

J. Nothing in this MOU is intended to constitute issuance of a consumptive use permit.

XII. EXECUTION IN COUNTERPARTS: This MOU may be simultaneously executed in several counterparts, each of which shall be an original and all of which shall constitute the same instrument.

XIII. FILING: This MOU shall be filed pursuant to Section 163.01(11), Florida statutes.

SOUTH FLORIDA WATER
MANAGEMENT DISTRICT
By its Governing Board

_____
Eric Buermann, Chairman

Attested:

_____
District Clerk/Assistant Secretary
Date: _____, 2011

Legal Form Approved:

_____
Jennifer Bokankowitz, Esq.

LAKE WORTH DRAINAGE
DISTRICT

_____
C. David Goodlett, President

Legal Form Approved:

_____
Mark A. Perry, Legal Counsel
Perry & Kern, P.A.

Attested:

_____
Ronald L. Crone, Manager/Secretary

Date: _____

PALM BEACH COUNTY
By its Board of County
Commissioners

_____
_____, Chair

Legal Form Approved:

_____
_____, Esq.

Attested:

_____
Sharon R. Bock, County Clerk
Date: _____, 2011

CITY OF FORT LAUDERDALE
By its City Commission

_____
Print Name: _____
Print Title: _____

Legal Form Approved:

_____
_____, Esq.

Attested:

_____
Print Name: _____
Date: _____, 2011

JOINDER BY _____

THIS JOINDER is executed on this ___ day of _____, 2011, by _____, a _____ (insert legal entity status, e.g. political subdivision, Florida corporation, municipality). Terms not defined herein shall have the meaning ascribed to them in the Memorandum of Understanding ("MOU") between the South Florida Water Management District, Palm Beach County, Lake Worth Drainage District, and City of Fort Lauderdale regarding C-51 Water Supply & Water Quality Reservoir Planning and Development, which is attached hereto and incorporated herein.

WHEREAS, _____ wishes to join the MOU to participate in the actions and obligations identified as the responsibility of the PARTIES and UTILITY PARTIES.

NOW, THEREFORE, _____ hereby agrees as follows:

1. The foregoing recital and those contained in the MOU are true and correct and incorporated herein by reference.

2. _____ hereby joins in the MOU to undertake all or part of the obligations of the PARTIES and UTILITY PARTIES but such joinder shall not be construed as assumption of such obligations by _____.

3. This joinder shall be effective as of the date first written above and shall be binding upon _____ and its successors and assigns.

IN WITNESS WHEREOF, this has been executed.

_____
By its _____

_____
Print Name: _____
Print Title: _____

Legal Form Approved:

_____
_____, Esq.

Attested:

_____
Print Name: _____
Date: _____

Reply | Reply to All | Forward

Re: Draft letter to GB

You replied on 4/12/2011 9:19 AM.

Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Sent: Tuesday, April 12, 2011 8:35 AM
To: Estenoz, Shannon A

I notice several things about this.

1) It's very clearly an agreement between the SFWMD and the utilities on development of alternative water supply.

2) The 'Natural System' does include WCA1 and Lake Worth, and this can be considered, but it doesn't seem like much of a focus.

3) I'm not sure the 'above and beyond ...water required to achieve restoration benefits pursuant to CERP' really means in reality. If I recall, that C51 water was the water that was routed southward in the 'extra 245,000 acre-ft' to ENP, which is not technically part of CERP.

4) The June 30, 2011 to work out all details of water needs, conveyance routes, water quality standards, etc seems astounding. There is no way to have the public input defined in (III), complete all the requisite engineering analyses and do this in 50 working days.

5) The whole 'who gets the water' issue is left completely out. My cursory reading would be that the utilities are expecting this to be real water supply. Interior's simulations on benefits of the reservoir pretty much assume all the water goes to the environment. There's a huge mismatch of expectations, and this has to be resolved in 50 working days of engineering study with no policy guidelines or agreements up front? Recall that CERP had to come up with the 80/20 split first as policy goal. This is doomed to failure without clear direction.

I've got even more problems with getting to WPB on Thursday, as I have to redo a talk for Thursday afternoon for our Board.

Thomas Van Lent, Ph.D.
Senior Scientist
The Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
(O) 305-251-0001 x 230
(M)(b) (6)
tvanlent@evergladesfoundation.org
www.evergladesfoundation.org

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Reply Reply to All Forward

RE: Draft letter to GB

Estenoz, Shannon A

Sent: Tuesday, April 12, 2011 9:18 AM
To: Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

ok. Thanks for looking at this. I am going to work on this today. I may call you later.

S

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]
Sent: Tuesday, April 12, 2011 8:35 AM
To: Estenoz, Shannon A
Subject: Re: Draft letter to GB

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Congressman Crenshaw Tour, April 28 & 29

Vivian Miller [vmiller@evergladesfoundation.org]

Sent: Tuesday, April 12, 2011 10:22 AM

To: Estenoz, Shannon A

Attachments: AGENDA Congressman Crensha~1.doc (31 KB) [Open as Web Page]; ATT00001.htm (222 B)

Shannon, we are arranging a visit for Congressman Ander Crenshaw and his wife, Kitty.

We will be hosting him in Islamorada and Florida Bay on April 28, and at various sites along Tamiami Trail on April 29.

A draft itinerary is attached, can you participate?

Thank you,

Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
Phone: (305) 251-0001 x233
Cell: (b) (6)
Fax: (305) 251-0039
E-mail: vmiller@evergladesfoundation.org
www.evergladesfoundation.org
One Mission. One Priority. Restoring America's Everglades.

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Everglades Foundation

Educational Briefings and Site Visits for

Congressman Ander Crenshaw

April 27-30, 2011

Overview:

This is an intensive two-day trip to the greater Everglades ecosystem for key Congressional members handling environmental legislation affecting this region (Comprehensive Everglades Restoration Plan, Modified Waters Delivery Act, Endangered Species Act, Interior/Energy & Water Appropriations). Currently the federal government, working with the State of Florida, is undertaking the world's largest ecosystem restoration project. A wide range of federal agencies have jurisdiction over various components of this initiative, including: the Department of Interior, the U.S. Army Corps of Engineers, the Environmental Protection Agency and the Fish and Wildlife Service.

The purpose of these briefings and the accompanying site visits is to provide an overview of the progress made and the challenges still confronting key federal holdings like Everglades National Park and the Big Cypress National Preserve.

Travel:
Arrive at Miami International Airport the evening prior to the first day of briefings and site visits. Air & ground transport, overnight lodging (in Key Largo, Florida) and meals provided by Everglades Foundation.

Wednesday, April 27, 2011:

2:50 pm Depart JAX
Delta Flight 6616

4:20 pm Arrive MIA

Transportation to restaurant before proceeding to hotel in Key Largo.

Thursday, April 28, 2011:

8:30am Breakfast Briefing: *Everglades Restoration 101: The Economics of Everglades Restoration and An Introduction to Current Federal Issues Affecting the Greater Everglades Ecosystem.*

Everglades Foundation, South Florida Water Management District, Dept of Interior, Conservation Group partners

9:30am Board helicopter for Site Visits and aerial briefing:

Site visits led by: SFWMD

10:00am Flyover/Site Visits:

- Everglades National Park/Florida Bay
- C-111 Canal Project
- Tamiami Trail/Modified Waters Delivery Project
- Biscayne Bay Coastal Wetlands

12:00 noon Lunch Briefing: *Modified Water Delivery Projects*
Everglades Foundation, South Florida Water Management District, US Park Service, Conservation Group partners

1:00pm Depart for National Park Service Interagency Science Center

1:30pm Arrive and board National Park Service boats

2:00pm Briefing and Site Visits: *Critical Issues Affecting Florida Bay estuary, C-111 Canal Project, Water Resources Development Act*

Site visits led by: Everglades Foundation, US Park Service, Conservation Group partners

4:00pm Return to National Park Service Interagency Science Center
Depart for Hotel

4:30pm Arrive at Hotel

6:30pm Depart Hotel for dinner briefing

7:00pm Dinner Briefing with Everglades Foundation, US Park Service, Conservation Group partners

Friday, April 29, 2011:

8:00am Depart hotel, boxed breakfast on the way to Shark Valley

10:00am Arrive at Everglades National Park, board Park Service vehicles

10:30am Tour of Shark Valley Slough, Discussion: *2011 Everglades Appropriations Requests*

12:00pm Depart for lunch

12:30pm Big Cypress National Preserve Lunch Briefing:
Expansion/Creation of National Wildlife Refuges & Utilizing USDA Land and Water Conservation Programs

1:30pm Depart on airboats for briefing and site visits: *Comprehensive Everglades Restoration Plan (CERP)*

Travel on airboats through Shark River Slough. Science briefing on typical Everglades systems like ridge and slough, tree islands, wet prairies, etc.

Discussion of Federal Water Quality Issues

3:30pm Return to dock and depart for hotel

4:30 pm Arrive at Hotel

8:00 pm Dinner Briefing: *Building on 2010 Everglades Restoration Progress: Water Resources Development Act Authorization and Future Goals*

Overnight at Hotel

Saturday, April 30, 2011:

11:30 am Depart MIA
Delta Flight 6579

1:00 pm Arrive JAX

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Item #40 on Business Agenda for April 14, 2011 Board Meeting

Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Sent: Tuesday, April 12, 2011 5:27 PM

To: jcollins@sfwmd.gov; cdauray@sfwmd.gov; sbatchel@sfwmd.gov;

Cc: Kirk Fordham [kirkfordham@(b) (6)]; Dawn Shirreffs [dshirreffs@npca.org]; Jane Graham [jgraham@audubon.org]

To SFWMD Board Chairman Collins, and Fellow SFWMD Board Members:

Unfortunately, because of a conflict with meetings of the Everglades Foundation Board of Directors, I will be unable to attend the SFWMD Governing Board Business Meeting on Thursday. However, I do wish to raise some concerns related to Item #40, the Memorandum of Understanding (MOU) between the SFWMD and utilities.

My first concern is that the technical investigations proposed in this MOU must have clearly established policy guidelines, and the Board should have a discussion of policy boundaries prior to moving forward. As it stands now, there are profoundly disparate expectations for the reservoir. In analyses done as part of reviewing the reservoir's potential benefits for water quality in Loxahatchee NWR, modelers assumed all of the available water would be going to the natural system. Some agricultural interests in the EAA support that use, but justify the utilities footing the bill by recommending that SFWMD review the Regional Water Availability Rule to allow increased pumping from existing infrastructure. Water utilities, understandably, are expecting that they will get priority and the actual water during droughts. Of course, all these expectations are mutually exclusive, and cannot be reconciled by a technical investigation. As a participant in many such investigations, I can tell you that without clear direction on the critical policy issues, the investigations will likely be unsuccessful or reopen 'settled' policy issues for debate. The Board should give clear direction on who gets the water and which policies are up for review and then include that in the MOU.

My second concern is that, while Section III allows for public involvement, the actual schedule does not. In Phase I, which establishes water availability and water needs, there has been no public involvement to date and will be concluded by June 30, a mere 50 working days away. The policy and technical issues are complex and far-reaching, and without a common understanding of facts, consensus will be much more difficult.

The C-51 project and this MOU brings up a myriad of issues and topics, including application of the Regional Water Availability Rule, alternative water supplies, water availability for CERP and non-CERP projects, rock mining in the EAA, and water quality suits in front of Judges Moreno and Gold. It seems prudent have a common and public understanding of this project's implications prior to approval of the MOU. I urge you to (a) defer this MOU until the Board is able to discuss the profound policy implications in more detail, and (b) direct your staff to open up the technical discussions to interested parties.

Sincerely,

Thomas Van Lent, Ph.D.
Senior Scientist
The Everglades Foundation

Reply | Reply to All | Forward

Fwd: SFWMD Ex. Dir.

You replied on 4/14/2011 3:06 PM.

Kirk Fordham [kirkfordham(b) (6)]

Sent: Thursday, April 14, 2011 1:07 PM

To: DRAPER, Eric [EDRAPER@audubon.org];

Thoughts?

What names are you hearing?

We should be all over this!

---------- Forwarded message ----------
From: Estus Whitfield <(b) (6) >
Date: Thu, Apr 14, 2011 at 12:52 PM
Subject: SFWMD Ex. Dir.
To: kfordham@evergladesfoundation.org

Kirk,

Bill Malone, would be an excellent executive director of the SFWMD.
He worked there for many years as a top exec. I always considered him
the the most honest and capable - best in the business of water management. He could bring respect back to the District.

Estus

--
Kirk Fordham
CEO, Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, Florida 33157
(305) 251-0001 x227
(b) (6) mobile
www.evergladesfoundation.org

Reply Reply to All Forward

Re: Fwd: SFWMD Ex. Dir.

Estenoz, Shannon A

Sent: Thursday, April 14, 2011 3:06 PM
To: 'kirkfordham(b) (6)

We should talk on the phone. You around this pm?

----- Original Message -----
From: Kirk Fordham <kirkfordham(b) (6)
To: DRAPER, Eric <EDRAPER@audubon.org>; Charles Lee <(b) (6) >; Richard Grosso <grossor@nsu.law.nova.edu>; Estenoz, Shannon A; Valenstein, Noah <noah@brightwaterstrategies.com>
Sent: Thu Apr 14 13:07:17 2011
Subject: Fwd: SFWMD Ex. Dir.

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Re: Fwd: SFWMD Ex. Dir.

You replied on 4/14/2011 3:10 PM.

Kirk Fordham [kirkfordham(b) (6)]

Sent: Thursday, April 14, 2011 3:08 PM
To: Estenoz, Shannon A

I can talk from 3:40 to about 4:15. Will be driving to Ocean Reef
for board dinner and meeting tonight and tomorrow.

Do you want to call me on my cell at that time?

On Thu, Apr 14, 2011 at 3:06 PM, Estenoz, Shannon A <Shannon_Estenoz@ios.doi.gov> wrote:
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>
> ----- Original Message -----
> From: Kirk Fordham <kirkfordham(b) (6) >
> To: DRAPER, Eric <EDRAPER@audubon.org>; Charles Lee <(b) (6) >; Richard Grosso <grossor@nsu.law.nova.edu>; Estenoz, Shannon A; Valenstein, Noah <noah@brightwaterstrategies.com>
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Reply Reply to All Forward

Re: Fwd: SFWMD Ex. Dir.

Estenoz, Shannon A

Sent: Thursday, April 14, 2011 3:10 PM
To: 'kirkfordham(b) (6)

Ok ill call

----- Original Message ----- (b) (6)
From: Kirk Fordham <kirkfordham >
To: Estenoz, Shannon A
Sent: Thu Apr 14 15:08:05 2011
Subject: Re: Fwd: SFWMD Ex. Dir.

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> ----- Original Message -----
> From: Kirk Fordham <kirkfordham(b) (6)
> To: DRAPER, Eric <EDRAPER@audubon.org>; Charles Lee <(b) (6) >; Richard Grosso
<grossor@(b) (6) ; Estenoz, Shannon A; Valenstein, Noah
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> Subject: SFWMD Ex. Dir.
> To: kfordham@evergladesfoundation.org
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> Estus
>
>
>
>

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Fwd: C-51 MOU

You replied on 4/15/2011 9:34 AM.

Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Sent: Thursday, April 14, 2011 3:53 PM

To: Estenoz, Shannon A

Shannon,

What did you wind up recommending for the C-51 MOU?

Tom

Thomas Van Lent, Ph.D.
Senior Scientist
The Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
(O) 305-251-0001 x 230
(M) [redacted](b) (6)
tvanlent@evergladesfoundation.org
www.evergladesfoundation.org

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Begin forwarded message:

From: Kirk Fordham <kirkfordham[redacted](b) (6)
Date: April 14, 2011 1:05:15 PM EDT
To: Thomas Van Lent <tvanlent@evergladesfoundation.org>
Subject: Fwd: C-51 MOU

---------- Forwarded message ----------
From: Wallace, Garrett <gwallace@sfwmd.gov>
Date: Thu, Apr 14, 2011 at 12:30 PM
Subject: C-51 MOU
To: kfordham@evergladesfoundation.org

Kirk,
The Governing Board has approved entering into a non-binding MOU to further the process of a State/Local partnership for a reservoir on

Reply Reply to All Forward

Re: Fwd: C-51 MOU

Estenoz, Shannon A

Sent: Thursday, April 14, 2011 5:55 PM
To: 'tvanlent@evergladesfoundation.org'

I made no recommendation on the mou itself. Instead I raised the issues we talked about and I expressed dois desire to be involved.

From: Dr Thomas Van Lent <tvanlent@evergladesfoundation.org>
To: Estenoz, Shannon A
Sent: Thu Apr 14 15:53:11 2011
Subject: Fwd: C-51 MOU

Shannon,

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Tom

Thomas Van Lent, Ph.D.
Senior Scientist
The Everglades Foundation
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Subject: Fwd: C-51 MOU

---------- Forwarded message ----------
From: Wallace, Garrett <gwallace@sfwmd.gov>
Date: Thu, Apr 14, 2011 at 12:30 PM

Reply Reply to All Forward

RE: C-51 MOU

Estenoz, Shannon A

Sent: Friday, April 15, 2011 9:29 AM
To: Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Hey there. Let's regroup on this next week and strategize about how we can help this process open up the way it needs to. The Governing Board was very receptive to Interior and the public being involved and in fact gave staff direction to that effect. However, there was a mini-drama that unfolded behind the scenes afterward that convinces me that we are going to have fight for inclusion once the new board is seated. That's ok, I like a good fight.

Have a good board meeting...

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
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Cell Phone:(b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

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Tom

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Re: C-51 MOU

You replied on 4/18/2011 11:11 AM.

Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Sent: Monday, April 18, 2011 9:26 AM

To: Estenoz, Shannon A

Ok. Something is really fishy here.

Tom

Thomas Van Lent, Ph.D.
Senior Scientist
The Everglades Foundation
18001 Old Cutler Road, Suite 625
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> Miami, FL 33199
>
> Phone: (305) 348-1665
> Direct Line: (305) 348-1660
> Cell Phone:(b) (6)

Reply Reply to All Forward

RE: C-51 MOU

Estenoz, Shannon A

Sent: Monday, April 18, 2011 11:11 AM
To: Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

How did your board meeting go?

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
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shannon_estenoz@ios.doi.gov

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To: Estenoz, Shannon A
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Re: C-51 MOU

You replied on 4/18/2011 1:24 PM.

Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Sent: Monday, April 18, 2011 12:50 PM
To: Estenoz, Shannon A

Our Board is amazing. Always focused on the way forward and priorities, priorities, priorities.

That's why we always leave these meetings with a to-do list as long as your arm.

Tom

Thomas Van Lent, Ph.D.
Senior Scientist
The Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
(O) 305-251-0001 x 230
(M) (b) (6)
tvanlent@evergladesfoundation.org
www.evergladesfoundation.org

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On Apr 18, 2011, at 11:11 AM, Estenoz, Shannon A wrote:

> How did your board meeting go?
>
> Shannon Estenoz
> Director, Everglades Restoration Initiatives
> United States Department of the Interior
> c/o South Florida Ecosystem Restoration Task Force
> Florida International University
> 11200 SW 8th Street, OE 165
> Miami, FL 33199
>
> Phone: (305) 348-1665
> Direct Line: (305) 348-1660
> Cell Phone: (b) (6)
> Fax: (305) 348-1667
> shannon_estenoz@ios.doi.gov

Reply Reply to All Forward

Re: C-51 MOU

Estenoz, Shannon A

Sent: Monday, April 18, 2011 1:24 PM
To: 'tvanlent@evergladesfoundation.org'

Excellent! So do you have any time tomorrow later afternoon to catch up about C51 and the seres project? Did I spell that right? I am free after 3.

From: Dr Thomas Van Lent <tvanlent@evergladesfoundation.org>
To: Estenoz, Shannon A
Sent: Mon Apr 18 12:50:14 2011
Subject: Re: C-51 MOU

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Reply | Reply to All | Forward

Re: C-51 MOU

You replied on 4/18/2011 1:46 PM.

Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Sent: Monday, April 18, 2011 1:26 PM
To: Estenoz, Shannon A

Meeting with Bubba Wade tomorrow. Wednesday or Thursday morning?

Thomas Van Lent, Ph.D.
Senior Scientist
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> **To:** Estenoz, Shannon A
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> Palmetto Bay, FL 33157

Reply Reply to All Forward

RE: C-51 MOU

Estenoz, Shannon A

Sent: Monday, April 18, 2011 1:45 PM
To: Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

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shannon_estenoz@ios.doi.gov

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Sent: Monday, April 18, 2011 1:26 PM
To: Estenoz, Shannon A
Subject: Re: C-51 MOU

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Reply | Reply to All | Forward

Re: C-51 MOU

You replied on 4/18/2011 2:27 PM.

Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Sent: Monday, April 18, 2011 1:50 PM
To: Estenoz, Shannon A

Yes we are. I didn't know you were coming.

Thomas Van Lent, Ph.D.
Senior Scientist
The Everglades Foundation
18001 Old Cutler Road, Suite 625
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> **Sent:** Monday, April 18, 2011 1:26 PM

Reply Reply to All Forward

Re: C-51 MOU

Estenoz, Shannon A

Sent: Monday, April 18, 2011 2:27 PM
To: 'tvanlent@evergladesfoundation.org'

Yes I am!

From: Dr Thomas Van Lent <tvanlent@evergladesfoundation.org>
To: Estenoz, Shannon A
Sent: Mon Apr 18 13:50:55 2011
Subject: Re: C-51 MOU

Yes we are. I didn't know you were coming.

Thomas Van Lent, Ph.D.
Senior Scientist
The Everglades Foundation
18001 Old Cutler Road, Suite 625
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Reply | Reply to All | Forward

Fwd: Congressman Crenshaw Tour, April 28 & 29

You replied on 4/20/2011 10:46 AM.

Vivian Miller [vmiller@evergladesfoundation.org]

Sent: Wednesday, April 20, 2011 10:38 AM

To: Estenoz, Shannon A; Shannon Estenoz (b) (6)

Attachments: AGENDA Congressman Crensha~1.doc (31 KB) [Open as Web Page]; ATT00001.htm (393 B)

Shannon, just checking in on this - can you join us either or both days?

Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
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Begin forwarded message:

From: Vivian Miller <vmiller@evergladesfoundation.org>
Date: April 12, 2011 10:22:52 AM EDT
To: Shannon Estenoz Estenoz <shannon_estenoz@ios.doi.gov>
Subject: Congressman Crenshaw Tour, April 28 & 29

Shannon, we are arranging a visit for Congressman Ander Crenshaw and his wife, Kitty.

We will be hosting him in Islamorada and Florida Bay on April 28, and at various sites along Tamiami Trail on April 29.

A draft itinerary is attached, can you participate?

Thank you,
Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157

Everglades Foundation

Educational Briefings and Site Visits for

Congressman Ander Crenshaw

April 27-30, 2011

Overview:

This is an intensive two-day trip to the greater Everglades ecosystem for key Congressional members handling environmental legislation affecting this region (Comprehensive Everglades Restoration Plan, Modified Waters Delivery Act, Endangered Species Act, Interior/Energy & Water Appropriations). Currently the federal government, working with the State of Florida, is undertaking the world's largest ecosystem restoration project. A wide range of federal agencies have jurisdiction over various components of this initiative, including: the Department of Interior, the U.S. Army Corps of Engineers, the Environmental Protection Agency and the Fish and Wildlife Service.

The purpose of these briefings and the accompanying site visits is to provide an overview of the progress made and the challenges still confronting key federal holdings like Everglades National Park and the Big Cypress National Preserve.

Travel:
Arrive at Miami International Airport the evening prior to the first day of briefings and site visits. Air & ground transport, overnight lodging (in Key Largo, Florida) and meals provided by Everglades Foundation.

Wednesday, April 27, 2011:

2:50 pm Depart JAX
Delta Flight 6616

4:20 pm Arrive MIA

Transportation to restaurant before proceeding to hotel in Key Largo.

Thursday, April 28, 2011:

8:30am Breakfast Briefing: *Everglades Restoration 101: The Economics of Everglades Restoration and An Introduction to Current Federal Issues Affecting the Greater Everglades Ecosystem.*

Everglades Foundation, South Florida Water Management District, Dept of Interior, Conservation Group partners

9:30am Board helicopter for Site Visits and aerial briefing:

Site visits led by: SFWMD

10:00am Flyover/Site Visits:

- Everglades National Park/Florida Bay
- C-111 Canal Project
- Tamiami Trail/Modified Waters Delivery Project
- Biscayne Bay Coastal Wetlands

12:00 noon Lunch Briefing: *Modified Water Delivery Projects*
Everglades Foundation, South Florida Water Management District, US Park Service, Conservation Group partners

1:00pm Depart for National Park Service Interagency Science Center

1:30pm Arrive and board National Park Service boats

2:00pm Briefing and Site Visits: *Critical Issues Affecting Florida Bay estuary, C-111 Canal Project, Water Resources Development Act*

Site visits led by: Everglades Foundation, US Park Service, Conservation Group partners

4:00pm Return to National Park Service Interagency Science Center
Depart for Hotel

4:30pm Arrive at Hotel

6:30pm Depart Hotel for dinner briefing

7:00pm Dinner Briefing with Everglades Foundation, US Park Service, Conservation Group partners

Friday, April 29, 2011:

8:00am Depart hotel, boxed breakfast on the way to Shark Valley

10:00am Arrive at Everglades National Park, board Park Service vehicles

10:30am Tour of Shark Valley Slough, Discussion: *2011 Everglades Appropriations Requests*

12:00pm Depart for lunch

12:30pm Big Cypress National Preserve Lunch Briefing:
Expansion/Creation of National Wildlife Refuges & Utilizing USDA Land and Water Conservation Programs

1:30pm Depart on airboats for briefing and site visits: *Comprehensive Everglades Restoration Plan (CERP)*

Travel on airboats through Shark River Slough. Science briefing on typical Everglades systems like ridge and slough, tree islands, wet prairies, etc.

Discussion of Federal Water Quality Issues

3:30pm Return to dock and depart for hotel

4:30 pm Arrive at Hotel

8:00 pm Dinner Briefing: *Building on 2010 Everglades Restoration Progress: Water Resources Development Act Authorization and Future Goals*

Overnight at Hotel

Saturday, April 30, 2011:

11:30 am Depart MIA
Delta Flight 6579

1:00 pm Arrive JAX

Reply Reply to All Forward

RE: Congressman Crenshaw Tour, April 28 & 29

Estenoz, Shannon A

Sent: Wednesday, April 20, 2011 10:45 AM
To: Vivian Miller [vmiller@evergladesfoundation.org]
Cc: Kimball, Dan

Hi Vivian,

I would really enjoy joining you guys on the 29th for the Shark Valley tour. Will that work? Thanks so much for inviting me to participate!

Shannon

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
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11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
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shannon_estenoz@ios.doi.gov

From: Vivian Miller [vmiller@evergladesfoundation.org]
Sent: Wednesday, April 20, 2011 10:38 AM
To: Estenoz, Shannon A; Shannon Estenoz
Subject: Fwd: Congressman Crenshaw Tour, April 28 & 29

Shannon, just checking in on this - can you join us either or both days?

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Reply | Reply to All | Forward

Re: Congressman Crenshaw Tour, April 28 & 29

You replied on 4/20/2011 10:51 AM.

Vivian Miller [vmiller@evergladesfoundation.org]

Sent: Wednesday, April 20, 2011 10:49 AM

To: Estenoz, Shannon A

Yes of course! We will arrive at Shark Valley at 9:30am on Friday.

Will you also stay for lunch at Oasis VC with Dan and Pedro?

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Reply Reply to All Forward

RE: Congressman Crenshaw Tour, April 28 & 29

Estenoz, Shannon A

Sent: Wednesday, April 20, 2011 10:51 AM
To: Vivian Miller [vmiller@evergladesfoundation.org]

Yes. That would be great.

S
Shannon Estenoz
Director, Everglades Restoration Initiatives
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From: Vivian Miller [vmiller@evergladesfoundation.org]
Sent: Wednesday, April 20, 2011 10:49 AM
To: Estenoz, Shannon A
Subject: Re: Congressman Crenshaw Tour, April 28 & 29

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Reply | Reply to All | Forward

Re: Congressman Crenshaw Tour, April 28 & 29

Vivian Miller [vmiller@evergladesfoundation.org]

Sent: Monday, April 25, 2011 3:09 PM

To: Estenoz, Shannon A

Shannon, we have modified the itinerary and will be at BICY in the morning, and Shark Valley in the afternoon. Are you still able to join us?

An updated itinerary is below, I have tentatively included you for the afternoon. Please confirm, thanks!

Friday, April 29, 2011:

8:30am Depart hotel in minivan

10:00am Arrive at Oasis Visitor Center, Big Cypress National Preserve

Discussion: Expansion/Creation of National Wildlife Refuges & Utilizing USDA Land and Water Conservation Programs

Bob DeGross, Public Affairs, Big Cypress National Preserve

Kirk Fordham, Everglades Foundation

Dan Kimball, Superintendent, Everglades National Park

Pedro Ramos, Superintendent, Big Cypress National Preserve

Tom Van Lent, Everglades Foundation

Garrett Wallace, SFWMD

11:00am Depart for walking tour of Big Cypress National Preserve

Briefing and site visits: *Comprehensive Everglades Restoration Plan (CERP)*

Discussion of Federal Water Quality Issues: EPA Numeric Nutrient Standards Rule

12:00pm Return to Oasis Visitor Center

Lunch Briefing: *Expansion/Creation of National Wildlife Refuges & Utilizing USDA Land and Water Conservation Programs*

Bob DeGross, Public Affairs, Big Cypress National Preserve

Shannon Estenoz, Director, Everglades Restoration Initiatives, USDOI

Reply Reply to All Forward

Meet you

Estenoz, Shannon A

Sent: Friday, April 29, 2011 11:19 AM

To: 'kfordham@evergladesfoundation.org'

At shark valley at 130. I had to come in to oFfice and couldn't get to oasis by noon.

Reply Reply to All Forward

Will call

Estenoz, Shannon A

Sent: Wednesday, May 04, 2011 11:39 AM

To: 'kfordham@evergladesfoundation.org'

When this meeting breaks for lunch.

Reply | Reply to All | Forward

Fwd: Meeting Wednesday

Kirk Fordham [kirkfordham(b) (6)

Sent: Tuesday, May 10, 2011 9:53 AM

To: Estenoz, Shannon A; Jodrey, Donald S

Would this be a worthwhile meeting? I'm not sure I know Eileen.

---------- Forwarded message ----------
From: **Nancy Hill** <nhill@evergladesfoundation.org>
Date: Tue, May 10, 2011 at 9:48 AM
Subject: Re: Meeting Wednesday
To: Kirk Fordham <kirkfordham(b) (6) >

Calendared for 2:30 Wednesday.

Tom Petrillo (202-208-7551) from Sec Salazar's office asked if you would like to meet with Eileen Sobeck, Deputy Asst Sec for Fish, Wildlife and Parks on Wednesday sometime between 10am -12N for an hour or so. There may be others there as well, but no indication yet of exactly who that would be. Do you and Carlos want to attend?.

On May 10, 2011, at 9:39 AM, Kirk Fordham wrote:

> My cell is (b) (6)
>
> On Tue, May 10, 2011 at 9:39 AM, Kirk Fordham <kirkfordham(b) (6) > wrote:
>
> > Great! 2:30 works well.
> >
> > I'd like to introduce Cesar to Carlos, if possible. He doesn't need to sit in on meeting, but I would like him to meet Cesar.
> >
> > On Mon, May 9, 2011 at 2:52 PM, Decker, Sara (Rubio) <Sara_Decker@rubio.senate.gov> wrote:
> >
> > > Hi Kirk –
> > >
> > > Cesar forwarded along your request and, on behalf of Senator Rubio, I'd be happy to meet with you and Carlos. Does 2:30 on Wednesday work? Please confirm.
> > >
> > > Also, what cell phone number or e-mail address should I use in case of any last minute scheduling changes on my end?

Reply Reply to All Forward

Melissa Meeker named ED of SFWMD

Estenoz, Shannon A

Sent: Thursday, May 12, 2011 9:19 AM

To: Carrie Beeler [cbeeler@sfrestore.org]; Rosen, Barry H.; Progulske, Bob; Kimball, Dan; Jodrey, Donald S; gmay@sfrestore.org1; Lewis, Mark H.; Tritaik, Paul; Souza, Paul; Ramos, Pedro;

Cc: Aumen, Nick; McLean, Agnes; Johnson, Robert; Mitchell, Carol; Dennis Duke [dduke@sfrestore.org]; Doumlele, Damon; Kevin Burger [kmbsr@sfrestore.org]; lawrence@sfrestore.org; Harwell, Matthew;

The Board just voted unanimously to hire Melissa Meeker to replace Carol Wehle as the Executive Director of the SFWMD. I believe that this is a very good choice on the part of the Governor and the Board.

Shannon

Shannon Estenoz
Director, Everglades Restoration Initiatives
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Reply Reply to All Forward

Checking in

Estenoz, Shannon A

Sent: Friday, May 13, 2011 4:07 PM

To: 'kfordham@evergladesfoundation.org'

To see how things went

Reply | Reply to All | Forward

Re: Life sucks

Estenoz, Shannon A

Sent: Saturday, May 14, 2011 9:52 AM

To: 'kirkfordham(b) (6)

I've had a really terrible week. Yesterday I was very close to telling Interior to stick it. I'm inches farther away from that today but only inches. I was checking my email last night before bed and I realized I hadn't heard from u about your meeting. Some good news would be nice at this point. Let's try to talk on monday. Have a great weekend!

----- Original Message -----
From: Kirk Fordham <kirkfordham(b) (6) >
To: Estenoz, Shannon A
Sent: Sat May 14 09:37:18 2011
Subject: Re: Life sucks

What prompted this??!

Sent from my iPhone

On May 14, 2011, at 12:06 AM, "Estenoz, Shannon A"
<Shannon_Estenoz@ios.doi.gov> wrote:

> Actually only work sucks. Life is actually great. But for the work thing, thank God for Pink Floyd and Layer Cake Primitivo (a spicy Italian red). (b) (6) and call me Monday with an update if you can.
>
> S

Reply | Reply to All | Forward

Re: Life sucks

Kirk Fordham [kirkfordham(b) (6)]

Sent: Saturday, May 14, 2011 1:42 PM

To: Estenoz, Shannon A

I can call you today. I sent you a text yesterday.

Sent from my iPhone

On May 14, 2011, at 9:54 AM, "Estenoz, Shannon A" <Shannon_Estenoz@ios.doi.gov> wrote:

> I've had a really terrible week. Yesterday I was very close to telling Interior to stick it. I'm inches farther away from that today but only inches. I was checking my email last night before bed and I realized I hadn't heard from u about your meeting. Some good news would be nice at this point. Let's try to talk on monday. Have a great weekend!
>
>
> ----- Original Message -----
> From: Kirk Fordham <kirkfordham(b) (6)
> To: Estenoz, Shannon A
> Sent: Sat May 14 09:37:18 2011
> Subject: Re: Life sucks
>
> What prompted this??!
>
> Sent from my iPhone
>
> On May 14, 2011, at 12:06 AM, "Estenoz, Shannon A"
> <Shannon_Estenoz@ios.doi.gov> wrote:
>
>> Actually only work sucks. Life is actually great. But for the work thing, thank God for Pink Floyd and Layer Cake Primitivo (a spicy Italian red). (b) (6) and call me Monday with an update if you can.
>>
>> S

For situational awareness

Estenoz, Shannon A

Sent: Monday, May 16, 2011 10:54 AM

To: Jodrey, Donald S; keith.saxe@usdoj.gov; Aumen, Nick; Johnson, Robert; Souza, Paul; kfordham@evergladesfoundation.org

See article and editorial below for signals about possible state direction. Forward as appropriate. - Shannon

Return to Top

South Florida Water Management District projects at risk
05/16/2011
News-Press
Lollar, Kevin

The South Florida Water Management District is looking at coming up $126 million short in its 2011-12 budget.

Earlier this year, Gov. Rick Scott said he wanted the state's five water management districts to cut their property tax revenues by 25 percent; last week, the House and Senate agreed to cut the districts' property tax funding by $210.5 million.

More than half of that will be from the South Florida Water Management District, the largest district in the state: Typically, the district collects $411 million in property taxes, but the Legislature has set a limit of $285 million.

The water district will begin budget discussions for fiscal year 2011-12 in June and approve a budget in September.

Last year local property owners paid 62.4 center per $1,000 of taxable value.

Some people are wondering how a shortfall will affect the district's environmental projects.

"It's most unfortunate that the environment is in the crosshairs of the Legislature and the governor," Lee County Commissioner Ray Judah said. "This is a draconian reduction of the water district's budget at a time when more than half of our waterways — rivers, streams and lakes — are impaired.

"The governor and Legislature are withdrawing their support for the restoration of these waterbodies and allowing for further degradation of our precious water resources."

Of particular concern is how the reduction will affect Everglades restoration.

"We are worried that the district's ability to do water-storage and treatment projects is really going to be compromised," said Brad Cornell, a spokesman for Audubon of Florida. "Our other concern is that the precedent of the Legislature's taking that kind of control over the budgets of the water management districts has a very real threat of jeopardizing all ad valorum (property) taxing ability."

Southwest Florida's big Everglades project is the C-43 reservoir in Hendry County. The $338 million reservoir, which would be built on a 10,500-acre parcel south of the Caloosahatchee River, would store 55.4 billion gallons of water from the river basin and from Lake Okeechobee releases.

Storing water in the reservoir would keep too much nutrient-rich fresh water from flowing into the river and its estuary. Excess nutrients can trigger harmful algal blooms, and excess fresh water can upset the estuary's salinity.

A reservoir also allows for freshwater releases into the estuary during the dry season. High salinities can kill tape grass, an important component of the upper river's ecology.

"In Lee County, we have concerns environmentally and economically for the quality of water coming down the Caloosahatchee," said Charles Dauray, former member of the water district's governing board. "We need some kind of reservoir. If we delay on C-43, then we're in trouble. I don't see any way out of it."

Dan DeLisi, who has replaced Dauray as Southwest Florida's representative on the district's governing board, said the district will need to set priorities on its spending.

"The first thing that needs to be done is decide what are the luxury things," he said. "In what areas are we spending money that we don't need to spend money in?"

One area where the district might not need to spend money is reservoirs, DeLisi said.
Instead, the district should look closely at giving property owners incentives to store water on their land.

"We have difficult decisions ahead of us as far as Everglades restoration," DeLisi said. "If we change our approach, get away from the idea of grandiose reservoirs, pare it down to smaller approaches, things will go a lot farther.

"If you give landowners incentives to do something, they'll get get it done. They won't waste 10 years thinking about how to do it."

Job crucial; money drying up
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Meanwhile, the district was under siege in Tallahassee. Gov. Scott demanded a big cut in the property tax rate, to keep a tax-cut campaign pledge. And for the first time, the Legislature wants to control the budgets of the state's five water management districts, so water policy could drown in politics.

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In an interview Friday, Ms. Meeker said she had been "putting out some budget ideas." When DEP Secretary Herschel Vinyard and South Florida Water Management District Chairman Joe Collins met in Tallahassee, and were discussing the need to replace Ms. Wehle quickly, Ms. Meeker came up as a candidate with the necessary "skill sets."

Indeed, Ms. Meeker is a former board member and a contractor with the agency. As a board member, she voted to buy U.S. Sugar land for Everglades restoration, and believes that the work can continue even with what may be as much as one-third less money.

"The governor's priority is to take more control," Ms. Meeker said, "and I understand that." But she sees cost-cutting possibilities at the 1,900-employee district, and intends to begin with herself. Ms. Wehle made $202,000. "My salary," Ms. Meeker said, "will be lower." She intends to reduce salaries for other high-ranking administrators, and seek to consolidate within the district's many departments, looking first at bureaucracy and last at "the guy on the pipe."

By saving the Everglades, the district also saves this region's backup water supply. All the new people messing with the district may not get that. Ms. Meeker's job will be to remind them.

- Randy Schultz,

for The Palm Beach Post Editorial Board

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667

shannon_estenoz@ios.doi.gov

Reply Reply to All Forward

Storage

Estenoz, Shannon A

Sent: Monday, May 16, 2011 10:56 AM
To: tvanlent@evergladesfoundation.org

Tom,

Please see board member comments about reservoirs. Let's talk about strategies for educating new folks on the difference between multi-year storage and annual storage.

S

Shannon Estenoz
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Reply | Reply to All | Forward

Re: Storage

You replied on 5/16/2011 11:47 AM.

Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Sent: Monday, May 16, 2011 11:43 AM

To: Estenoz, Shannon A

Missed the comments. Is there a link?

Tom

Thomas Van Lent, Ph.D.
Senior Scientist
The Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
(O) 305-251-0001 x 230
(M) (b) (6)
tvanlent@evergladesfoundation.org
www.evergladesfoundation.org

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RE: Storage

Estenoz, Shannon A

Sent: Monday, May 16, 2011 11:46 AM

To: Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Oh, sorry about that! See article below.

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United States Department of the Interior

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Phone: (305) 348-1665
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shannon_estenoz@ios.doi.gov

From: Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]
Sent: Monday, May 16, 2011 11:43 AM
To: Estenoz, Shannon A
Subject: Re: Storage

Missed the comments. Is there a link?

Tom

Thomas Van Lent, Ph.D.
Senior Scientist
The Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
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shannon_estenoz@ios.doi.gov

FW: Announcement from the Executive Director (UNCLASSIFIED)

Estenoz, Shannon A

Sent: Thursday, June 02, 2011 2:46 PM

To: kfordham@evergladesfoundation.org

Attachments: Bios_June1 2011.pdf (59 KB) ; Org_June 2011.pdf (110 KB)

Let's talk about this memo. Call when you can.

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
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Miami, FL 33199

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Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Estenoz, Shannon A
Sent: Wednesday, June 01, 2011 6:57 PM
To: Jodrey, Donald S
Subject: Fw: Announcement from the Executive Director (UNCLASSIFIED)

----- Original Message -----
From: Appelbaum, Stuart J SAJ <Stuart.J.Appelbaum@usace.army.mil>
To: Dennis Duke <dduke@sfrestore.org>; Jodrey, Donald S; Estenoz, Shannon A; Kimball, Dan
Sent: Wed Jun 01 17:18:43 2011
Subject: FW: Announcement from the Executive Director (UNCLASSIFIED)

FYI.

-----Original Message-----
From: Taplin, Kimberley A SAJ
Sent: Wednesday, June 01, 2011 4:17 PM
To: Pantano, Alfred SAJ; Appelbaum, Stuart J SAJ; Kinard, Michael K SAJ; Bush, Eric L SAJ; Duba, Stephen C SAJ; Hobbie, David S SAJ
Subject: FW: Announcement from the Executive Director (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Sirs,

Attached is new organization changes announcement for SFWMD leadership changes. Ken Ammon in process of retiring. Will send supplemental email if org chart doesn't capture all the changes.

v/r, Kim T

-----Original Message-----
From: Carter, Larry [mailto:lcarter@sfwmd.gov]
Sent: Wednesday, June 01, 2011 4:14 PM

To: Taplin, Kimberley A SAJ
Subject: FW: Announcement from the Executive Director

As requested.

Regards,

Larry

From: Meeker, Melissa
Sent: Wednesday, June 01, 2011 4:03 PM
To: all_groups
Subject: Announcement from the Executive Director

All Staff:

It is my privilege and honor to begin working today as your Executive Director. While this is a time of new beginnings, there is no doubt that we have a tough road ahead, which will require tough decisions and a necessary change in the way we do business.

In line with Governor Rick Scott's priorities for lowering taxes and growing the economy - and with policy direction from the Governing Board - we will develop our most austere budget in over a decade. We owe it to the taxpayers to limit spending, eliminate unneeded bureaucracy and refocus the agency on its core mission.

We will no longer take on responsibilities outside of our purview or operate with inflated budgets and salaries. Instead we will reorganize the agency around its statutory responsibilities, flatten the management structure to be more in line with the rest of the state and get on with the business of water management.

These changes will begin at the top with the District Leadership Team. As attached, I am restructuring the executive management of the agency to ensure we place the greatest emphasis on mission-critical functions with fewer layers and lower salaries. I have asked the following to serve on my leadership team:

* Bob Brown will serve as my Assistant Executive Director overseeing regulation, water resources and administrative services. His nearly three decades of experience will help me guide the agency in a new, fiscally-conservative direction.

* Tommy Strowd will serve as Director of Operations, Maintenance and Construction, overseeing flood control operations, land management and capital construction projects.

* Terrie Bates will serve as Director of Water Resources, overseeing our water supply, science and modeling functions.

* Sharon Trost will assume the role of Director of Regulation

* Doug Bergstrom will serve as the Director of Administrative Services overseeing our budget, business and mission support functions.

* Ernie Barnett will take on the newly-created role of Everglades Policy Director to refocus and reshape our role in ecosystem restoration.

* Deena Reppen will serve as my Chief of Staff and oversee our external affairs.

In the days ahead, the new leadership will be meeting with you to discuss these organizational changes. We will then start the difficult work of reshaping this agency to both reflect our new financial framework and to deliver the core services this organization was created to provide. We are embarking on a new course, but it is a course that will rebuild our reputation and lead to our long-term success.

Melissa Meeker

Attachments: Executive Management Organizational Chart

Leadership Team Bios

Classification: UNCLASSIFIED
Caveats: NONE

Ernie Barnett has 27 years of water resources management experience and public service, during which he contributed to several landmark environmental laws. He had a lead role in the successful passage by the Florida Legislature of the Lake Okeechobee Protection Act and the Everglades Restoration Investment Act, which has provided more than $1 billion dollars for Everglades restoration. He also helped secure approval of the Water Resource Development Act of 2000, in which Congress authorized the Comprehensive Everglades Restoration Plan.

During a 22-year tenure with Florida's Department of Environmental Protection, Ernie worked as a shellfish biologist, aquatic preserve manager, environmental administrator, Water Policy Director and Ecosystem Projects Director. In recognition of his work, Ernie was the recipient of the 2001 National Wetlands Award for Outstanding Wetlands Program Development from the Environmental Law Institute.

Ernie has a Bachelor of Science degree in Environmental Resource Management and Planning and a Master of Science in Biology, both from the University of West Florida.

Terrie Bates joined the District in 1985 and has gained wide-ranging experience in environmental regulation, water supply, water quality, wetland mitigation, ecosystem restoration, applied science and watershed management issues. She directed a streamlining effort in environmental permitting to combine the state's surface water management, dredge & fill and sovereign submerged lands programs and to create the mitigation banking program.

Because of her water resource expertise, Terrie has held executive management responsibilities for overseeing the District's water shortage and drought response in 2006-2007 and again in 2011.

Born and raised in (b) (6) , Terrie received a Bachelor of Science degree in Forest Resources & Conservation from the University of Florida and a Master's Degree in Public Administration from Florida Atlantic University.

Doug Bergstrom has 25 years of experience in public financial management and budgeting, working for government at both the federal and local levels. Early in his career he spent two years serving in the budget offices of the US Customs Service and the US Department of Agriculture in Washington, DC.

Doug came to the District in 1988, working his way from entry level analyst to budget supervisor before becoming the District's Budget Director in 2004. Since 2009, he has been responsible for running the day-to-day business of the Operations & Maintenance resource area.

Doug received his Bachelor's Degree from Penn State University and a Master's Degree in Public Administration from George Mason University.

Bob Brown joined the District in 1987 after serving three years with the former Florida Department of Environmental Regulation (now part of FDEP). His first assignment was to gain support and approval for District water resource projects from external state and federal agencies, including regulatory approvals. He has served as a project manager on numerous water resource-related construction projects and directed the District's Environmental Resource Compliance Division.

Bob gained field experience as director of the Okeechobee Service Center and, after returning to West Palm Beach, became director of the Water Resource Regulation Department, providing oversight of the Environmental Resource, Consumptive Use and Everglades Works of the District permitting programs.

Bob has a Bachelor of Science degree in Environmental Resource Management and Planning and a Master of Science in Biology, both from the University of West Florida.

Deena Reppen served with Florida's Department of Environmental Protection (FDEP) prior to joining the District in 2007, where she has directed the agency's governmental programs and public affairs. During her eight-year tenure with FDEP she served as Chief of Staff, Director of Communications, Press Secretary, Ecosystem Projects Director and as the Northeast Regulatory District's Community Affairs Coordinator.

Deena's communications and citizen services experience also includes serving as Press Secretary to former Florida Governor Jeb Bush and as the Director of Operations for the Reef Environmental Education Foundation—a marine conservation organization based in Key Largo, Florida.

Born and raised in (b) (6) , Deena received a Bachelor of Science degree in Zoology from Kings College, University of London and a Master's Degree in Public Administration from the University of North Florida.

Tommy Strowd, P.E., has more than 30 years experience in environmental and water resource engineering, gained in both the public and private sectors. Since joining the District in 1992, he has served as Operations Director, helped accelerate the design and construction of projects in the Comprehensive Everglades Restoration Plan and contributed significantly to regional water resource planning and engineering. Most recently, he led the agency as Interim Executive Director.

Tommy's government experience also includes stints with other state and federal environmental agencies. He has spent a significant portion of his career in the private sector, serving in engineering, project management and senior management positions with several consulting engineering firms.

Tommy is a graduate of the Florida Institute of Technology and has been a professional engineer registered in the state of Florida since 1983.

Sharon Trost, P.G., AICP, has been with the District for more than 30 years. First hired as a hydrogeologist, Sharon has managed divisions and departments throughout the agency, bringing her technical, organizational and leadership skills to the following areas: data collection, regulation, planning, research, ecosystem restoration, Everglades stormwater, operations and information technology.

Sharon has a Bachelor of Science degree in Geological Sciences from Lehigh University and a Master of Science degree in Engineering Management from the University of South Florida. She is a licensed professional geologist and a certified land use and environmental planner.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

New Executive Management Organization

Organizational Structure

Office of Everglades Policy & Coordination

- Policy & Coordination

Office of the Chief of Staff

- Intergovernmental Policy & Planning
- Service Centers
- Ombuds & Open Government
- Board & Executive Services
- Public Information
- Legislative, Federal & Tribal Affairs
- Stormwater

Office of the General Counsel

Reply Reply to All Forward

Can you call me on the office

Estenoz, Shannon A

Sent: Tuesday, June 07, 2011 2:19 PM
To: kfordham@evergladesfoundation.org

phone? Direct Line below.

Shannon Estenoz
Director, Everglades Restoration Initiatives
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Reply | Reply to All | Forward

Re: Can you call me on the office

Kirk Fordham [kirkfordham(b) (6)

Sent: Tuesday, June 07, 2011 2:24 PM

To: Estenoz, Shannon A

will do!

On Tue, Jun 7, 2011 at 2:19 PM, Estenoz, Shannon A <Shannon_Estenoz@ios.doi.gov> wrote:

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Kirk Fordham
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Reply | Reply to All | Forward

C-51 Reservoir Call

You replied on 6/13/2011 4:09 PM.

Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Sent: Monday, June 13, 2011 12:39 PM
To: Estenoz, Shannon A
Cc: Melodie Naja [mnaja@evergladesfoundation.org]; Aumen, Nick

Shannon,

Do you and Nick have some time this week to talk about C-51 Reservoir? We have some questions about how Interior sees C51 being used, especially in the short-term (less than 10 years).

We're available Tuesday all day, Thursday all day and Friday morning. Do any of these times work for you?

Tom

Thomas Van Lent, Ph.D.
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www.evergladesfoundation.org

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Reply Reply to All Forward

Re: C-51 Reservoir Call

Estenoz, Shannon A

Sent: Monday, June 13, 2011 4:09 PM
To: 'tvanlent@evergladesfoundation.org'
Cc: 'mnaja@evergladesfoundation.org'; Aumen, Nick

I can do Thursday morning.

From: Dr Thomas Van Lent <tvanlent@evergladesfoundation.org>
To: Estenoz, Shannon A
Cc: Melodie Naja <mnaja@evergladesfoundation.org>; Aumen, Nick
Sent: Mon Jun 13 12:39:18 2011
Subject: C-51 Reservoir Call

Shannon,

Do you and Nick have some time this week to talk about C-51 Reservoir? We have some questions about how Interior sees C51 being used, especially in the short-term (less than 10 years).

We're available Tuesday all day, Thursday all day and Friday morning. Do any of these times work for you?

Tom

Thomas Van Lent, Ph.D.
Senior Scientist
The Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
(O) 305-251-0001 x 230
(M)(b) (6)
tvanlent@evergladesfoundation.org
www.evergladesfoundation.org

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Reply | Reply to All | Forward

Re: C-51 Reservoir Call

You replied on 6/15/2011 10:11 AM.

Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Sent: Tuesday, June 14, 2011 8:46 AM
To: Estenoz, Shannon A
Cc: Melodie Naja [mnaja@evergladesfoundation.org]; Aumen, Nick

How about Thursday June 16 at 9:00 am?

We can use this call in number:

Dial (b) (4)
Access Code: (b) (4)

I certainly would like if Bill Walker was there, but I also that he charges by the hour, and I'd understand if Interior had other priorities for him higher than answering our questions. It would also be good if a FWS person, like Todd H, with a good understanding of the directions for ERTP and 3A/ENP issues joined, but again, I understand if people have other things to do.

Tom

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Senior Scientist
The Everglades Foundation
18001 Old Cutler Road, Suite 625
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On Jun 13, 2011, at 4:09 PM, Estenoz, Shannon A wrote:

> I can do Thursday morning.
>
> ---
>
> **From:** Dr Thomas Van Lent <tvanlent@evergladesfoundation.org>
> **To:** Estenoz, Shannon A
> **Cc:** Melodie Naja <mnaja@evergladesfoundation.org>; Aumen, Nick

Reply Reply to All Forward

Re: C-51 Reservoir Call

Estenoz, Shannon A

Sent: Wednesday, June 15, 2011 10:11 AM
To: 'tvanlent@evergladesfoundation.org'
Cc: 'mnaja@evergladesfoundation.org'; Aumen, Nick

That works for me.

From: Dr Thomas Van Lent <tvanlent@evergladesfoundation.org>
To: Estenoz, Shannon A
Cc: Melodie Naja <mnaja@evergladesfoundation.org>; Aumen, Nick
Sent: Tue Jun 14 08:46:20 2011
Subject: Re: C-51 Reservoir Call

How about Thursday June 16 at 9:00 am?

We can use this call in number:

Dial (b) (4)
Access Code: (b) (4)

I certainly would like if Bill Walker was there, but I also that he charges by the hour, and I'd understand if Interior had other priorities for him higher than answering our questions. It would also be good if a FWS person, like Todd H, with a good understanding of the directions for ERTP and 3A/ENP issues joined, but again, I understand if people have other things to do.

Tom

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On Jun 13, 2011, at 4:09 PM, Estenoz, Shannon A wrote:

Reply Reply to All Forward

RE: Quick call

Estenoz, Shannon A

Sent: Wednesday, June 29, 2011 9:24 AM
To: Jodrey, Donald S

Definitely, if you can.

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Jodrey, Donald S
Sent: Wednesday, June 29, 2011 9:01 AM
To: Estenoz, Shannon A
Subject: Re: Quick call

Did u want me to join?
Don Jodrey
Department of the Interior
(b) (6) (cell)

From: Estenoz, Shannon A
To: Jodrey, Donald S
Sent: Wed Jun 29 08:59:18 2011
Subject: FW: Quick call

Don,

Here is the call in for this afternoon. Talk to you later this morning!

S

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Reply Reply to All Forward

Time to talk today?

Estenoz, Shannon A

Sent: Friday, June 24, 2011 9:41 AM
To: tvanlent@evergladesfoundation.org

Tom,

Do you have time to talk today?

S

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

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Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

Reply | Reply to All | Forward

Re: Time to talk today?

You replied on 6/24/2011 9:47 AM.

Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Sent: Friday, June 24, 2011 9:43 AM
To: Estenoz, Shannon A

Anytime. I'm back in the office.

Tom

Thomas Van Lent, Ph.D.
Senior Scientist
The Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
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On Jun 24, 2011, at 9:41 AM, Estenoz, Shannon A wrote:

> Tom,
>
> Do you have time to talk today?
>
> S
>
> Shannon Estenoz
> Director, Everglades Restoration Initiatives
> United States Department of the Interior
> c/o South Florida Ecosystem Restoration Task Force
> Florida International University
> 11200 SW 8th Street, OE 165
> Miami, FL 33199
>
> Phone: (305) 348-1665
> Direct Line: (305) 348-1660
> Cell Phone: (b) (6)
> Fax: (305) 348-1667
> shannon_estenoz@ios.doi.gov

Reply Reply to All Forward

RE: Time to talk today?

Estenoz, Shannon A

Sent: Friday, June 24, 2011 9:47 AM
To: Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Ok Great. I will call in about an hour.

Shannon Estenoz
Director, Everglades Restoration Initiatives
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From: Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]
Sent: Friday, June 24, 2011 9:43 AM
To: Estenoz, Shannon A
Subject: Re: Time to talk today?

Anytime. I'm back in the office.

Tom

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On Jun 24, 2011, at 9:41 AM, Estenoz, Shannon A wrote:

FW: Everglades - technical paper

Estenoz, Shannon A

Sent: Friday, June 24, 2011 11:34 AM

To: tvanlent@evergladesfoundation.org

Attachments: Everglades_WaterQuality_H~1.docx (31 KB) ; Phase 1.pdf (762 KB) ; Phase 2.pdf (775 KB) ; Phase 3.pdf (771 KB)

Shannon Estenoz
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Fax: (305) 348-1667

shannon_estenoz@ios.doi.gov

From: Feller, Erika [Erika_M._Feller@ceq.eop.gov]
Sent: Wednesday, June 22, 2011 9:52 AM
To: Jodrey, Donald S; Bob Sussman (sussman.bob@epa.gov); KeyesFleming.Gwendolyn@epa.gov; mancusi-ungaro.philip@epa.gov; mitchell.gail@epa.gov; scheidt.dan@epa.gov; rock.salt@us.army.mil; steven.kopecky@usace.army.mil; Nuzum, R. Scott; Ethan Shenkman (ethan.shenkman@usdoj.gov); patrice.simms@usdoj.gov; ignacia.moreno@usdoj.gov; Keith Saxe; Estenoz, Shannon A; Johnson, Robert; Aumen, Nick; Jensen, Jay
Cc: Jacobson, Rachel - Deputy Solicitor
Subject: RE: Everglades - technical paper

+Jay Jensen, new AD for Land & Water at CEQ.

From: Jodrey, Donald S [mailto:Donald_Jodrey@ios.doi.gov]
Sent: Wednesday, June 22, 2011 9:46 AM
To: Bob Sussman (sussman.bob@epa.gov); KeyesFleming.Gwendolyn@epa.gov; mancusi-ungaro.philip@epa.gov; mitchell.gail@epa.gov; scheidt.dan@epa.gov; rock.salt@us.army.mil; steven.kopecky@usace.army.mil; Feller, Erika; Nuzum, R. Scott; Ethan Shenkman (ethan.shenkman@usdoj.gov); patrice.simms@usdoj.gov; ignacia.moreno@usdoj.gov; Keith Saxe; Estenoz, Shannon A; Johnson, Robert; Aumen, Nick
Cc: Jacobson, Rachel - Deputy Solicitor
Subject: Everglades - technical paper

Attached is a technical paper and 3 graphics summarizing the modeling work of Drs. Robert Johnson and Bill Walker showing the relationship between water quality improvement and hydrologic restoration projects in a phased approach.

The key finding is that it may be possible to secure approximately 150,000 acre-feet of new water for the Everglades (from Lake Okeechobee) without purchasing any additional lands for storage in the EAA while also meeting the EPA WQBEL identified in the Amended Determination.

Look forward to discussing Thursday at the meeting Bob is convening. Please forward this email to anyone else who should receive it.

Tx

Don

Don Jodrey

Department of the Interior

1849 C Street NW, Room 3138

Washington, DC 20240

202-208-6273 (direct)

(b) (6) (cell)

202-208-4684 (fax)

Don Jodrey

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202-208-4684 (fax)

OPPORTUNITIES FOR COORDINATING EVERGLADES HYDROLOGIC AND WATER QUALITY RESTORATION

June 23, 2011 Draft

A federal family technical team was tasked with performing a *screening-level* analysis on how water quality and hydrologic restoration efforts in the Everglades might be synergistically and efficiently coordinated to make simultaneous progress on both hydrologic and water quality restoration. For the purposes of discussion, the following summarizes the results of the technical analysis and outlines a range of potential implementation scenarios.

BASIC PRINCIPLES AND ASSUMPTIONS

1. Proposals for the near and intermediate terms make use of lands currently in public ownership.
2. "New water" delivered to the Everglades must meet the WQBEL identified by EPA.
3. The resulting analysis is a screening-level exercise, not a detailed technical analysis.
4. A more detailed planning process for the Central and Southern Everglades would identify increments of storage, treatment, decompartmentalization and seepage management designed to provide incremental environmental benefits (hydrologic restoration and improved water quality) in the Central and Southern Everglades.

KEY FINDING IDENTIFIED DURING THE EXERCISE

In the near and intermediate terms, we can deliver water from Lake Okeechobee to the Everglades above and beyond what is being delivered today (i.e., "new water") if we construct increments of treatment, decompartmentalization and seepage management. New deep storage reservoirs are **not** necessary in the near or intermediate term. This finding is critically important because it means that hydrologic restoration in the form of new water of appropriate quality can move forward for the next decade **using lands already in public ownership**.

SUMMARY OF ANALYSIS AND IMPLEMENTATION SCENARIOS

Terms Used:

- ➢ *"Additional land required"*: Acreage above and beyond what is currently (2011) publicly owned.
- ✓ *"Total New water delivered to the Everglades"*: Additional flows above and beyond a base condition.
- ▪ *"Amount of wet season relief to coastal resources"*: The volume of water flowing out of Lake Okeechobee south and therefore ***not*** being released to the Caloosahatchee and St. Lucie estuaries. The volume required to provide relief from 95% of the damaging discharges is 700,000 acre-ft. Water that is diverted from the C-51 canal rather than flowing harmfully into the Lake Worth Lagoon also falls into this category.
- ❖ *"Downstream decomp and seepage management requirements"*: Features that must be constructed downstream from the EAA in order to accommodate increased flows. For the purposes of this paper, "decompartmentalization" includes modifications to Tamiami Trail.

NEAR-TERM PHASE: (Construction by 2015)

Vital Statistics:

➢ *Amount of additional land required* :	0 acres
✓ *Total new water delivered to Everglades* :	Approx. 80,000 acre-ft.
▪ *Amount of wet season relief to coastal resources*:	Approx. 60,000 acre-ft.
❖ *Downstream Decomp Required*:	Increased conveyance to NESRS
❖ *Downstream Seepage Mgmt Required*:	S-356 must be operating

CONSTRUCTION COMPONENTS

Components That Require Planning and Authorization (CERP: Central & Southern Everglades Regional PIR)

- A-1 STA (15,000 acres)
- A-2 STA (2,500 acres)
- A-2 FEB (Approx. 10,000 acres)
- STA 3/4 - WCA3A Hydropattern Feature Part 1 (CERP Decomp Phase 1)[1]

Components Already Underway

- Decomp Physical Model (CERP Design Agreement Authority)
- C-111 North and South Detention Areas (C&SF/C-51 Authorization)
- Western C-111 Spreader Canal (CERP: WRDA 2000)
- Talisman Compartment C (Under construction by State of Florida)
- Talisman Compartment B (Under construction by State of Florida)
- 8.5 Square Mile Area (Near complete by Corps under Interior Mod Waters Authority)
- Tamiami Trail 1-Mile Bridge (Under construction by Corps under Interior Mod Waters Authority)
- Tamiami Trail Roadbed raised to 10.7 feet (Under construction by Corps under Interior Mod Waters Authority)

[1] This project is currently part of the CERP Decomp Phase 1 PIR. However it would have to be scaled up under this scenario. Decomp Phase 1 could proceed on its own or be folded into the Central &Southern PIR planning process.

INTERMEDIATE PHASE: (Construction by 2020)

Vital Statistics:

➢ *Amount of additional land required*:	0 acres
✓ *Total new water delivered to Everglades*:	Approx. 150,000 acre-ft.
▪ *Amount of wet season relief to coastal estuaries:*	Approx. 150,000 acre-ft.
❖ *Downstream Decomp Required:*	Central Flow-way; CERP Decompartmentalization Phase 1; and 2.6 miles of Tamiami Trail Next Steps
❖ *Downstream Seepage Mgmt Required:*	S356 must be operating, shallow seepage adjacent to Everglades National Park.

CONSTRUCTION COMPONENTS

- All of Phase 1

Components That Require Planning and Authorization (CERP: Central & Southern Everglades Regional PIR)

- A-2 STA (1,500 acres)
- EAA conveyance improvements[2]
- C-139 FEB (12,000 acres at 8 ft.)
- Central Flow-way from WCA 3A to ENP[3]
- L-4/5/6 levees hydropattern feature (CERP Decomp Phase 1)[4]
- L-28 hydropattern feature (CERP Decomp Phase 1)
- Backfill Miami Canal (CERP Decomp Phase 1)
- Degrade L28 Extension (CERP Decomp Phase 3)

Components Already Underway

- Broward WPA (CERP PIR nearly complete and authorization anticipated for next WRDA)

Components to be Implemented by Non-Corps Authorities

- STA 1-W Expansion (To be constructed by State of Florida under Consent Decree)
- C-51 Storage (To be constructed by urban utilities under State authorities)
- 2.6 Miles of Tamiami Trail Next Steps (To be authorized under Non-Corps authorities)
- Everglades National Park Seepage Management (seepage wall) (To be constructed by rock miners under state authorities)

---

[2] The scale of this feature will depend upon alternatives requiring interbasin transfers within the EAA.
[3] This capacity is essential if the problems associated with moving water into WCA 3B cannot be resolved in the intermediate term.
[4] Decomp Phase 1 could proceed on its own or be folded into the Central &Southern PIR planning process.

LONG TERM PHASE SCENARIO 1: (Construction by 2030)

Vital Statistics:

- *Amount of additional land required* = Approx. 24,000 acres in the EAA
- *Total new water delivered to Everglades* = Approx. 550,000 acre-ft.
- *Amount of wet season relief to coastal resources* = Approx. 500,000 acre-ft
- *Downstream Decomp Required* = Full Decomp
- *Downstream Seepage Mgmt Required* = 3A/3B Seepage Mgmt

CONSTRUCTION COMPONENTS

- All of Phases 1 and 2

Components That Require Planning and Authorization (CERP: Central & Southern Everglades Regional PIR)

- Convert A-2 to STA in the EAA~~Components Covered by Existing Corps Authorities~~
- Additional 40,000-acre storage reservoir in the EAA[5]
- Remove and Backfill L-28 Canal (CERP Decomp Phase 3)
- WCA 3A and 3B Seepage Management (CERP)
- L-29 Removal (CERP Decomp Phase 3)
- 3A-3B Decomp (CERP Decomp Phases 2 and 3)

Components to be Implemented by Non-Corps Authorities

- 2.9 Miles of Tamiami Trail Next Steps

[5] CERP contemplated a total of 360,000 acre-ft of storage in the EAA plus approximate 1.5 million acre-ft of ASR storage to capture Lake Water. This feature is a different approach than contemplated by CERP; however, it is capturing and storing the same water that CERP proposed to capture and store.

LONGTERM PHASE SCENARIO 2: (Construction by 2030)

Vital Statistics:

- ➢ Amount of additional land required = Approx. 70,000 acres
- ✓ Total new water delivered to Everglades = Approx. 700,000 acre-ft.
- ▪ Amount of wet season relief to coastal estuaries = Approx. 700,000 acre-ft.
- ❖ Downstream Decomp Required = Full Decomp
- ❖ Downstream Seepage Mgmt Required = 3A/3B Seepage Mgmt

CONSTRUCTION COMPONENTS

- All of Phases 1 and 2

Components to be Planning and Authorized Under CERP Authority (Central & Southern Regional PIR)

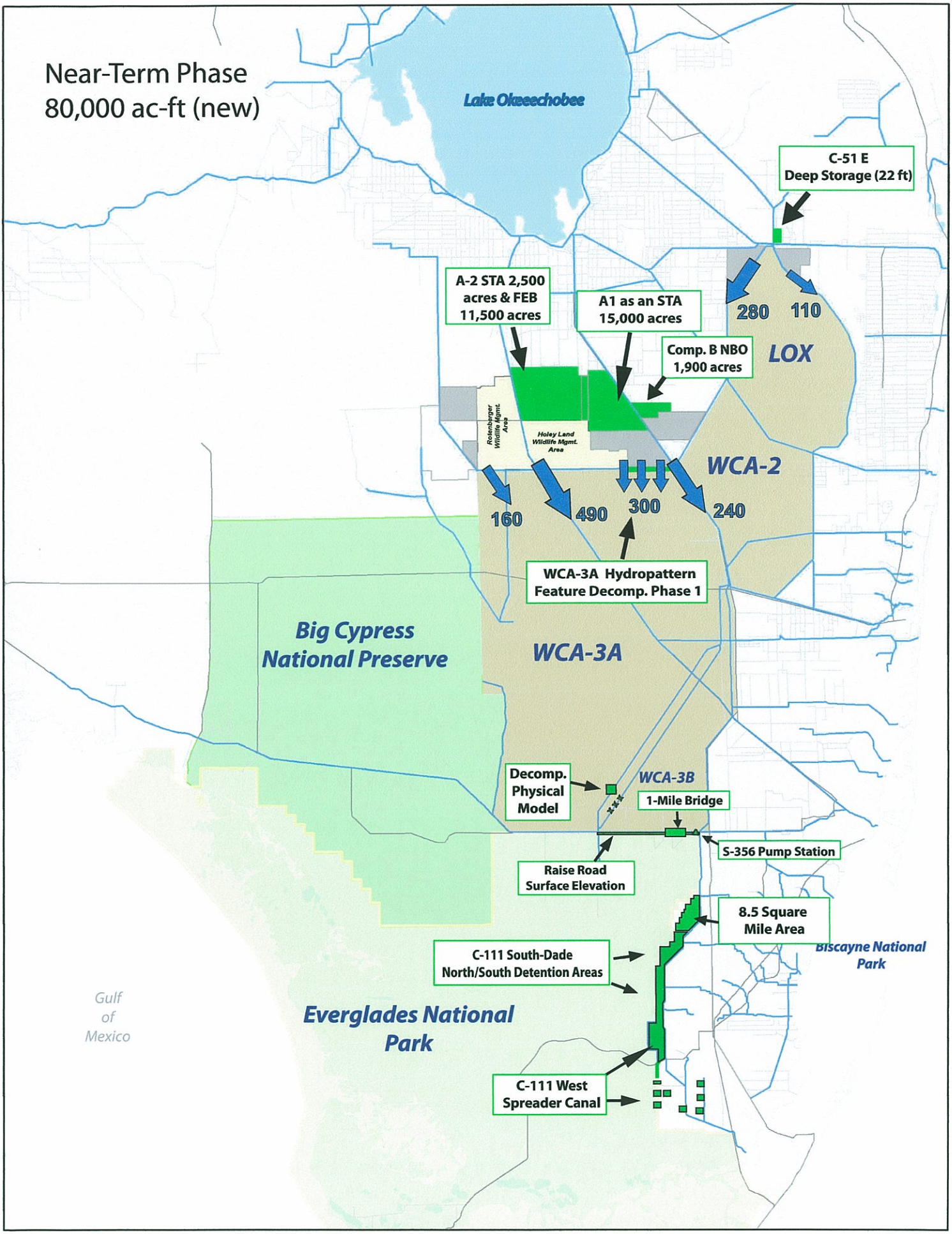
- Additional 60,000-acre storage reservoir in the EAA
- Additional 10,000-acre STA in the EAA

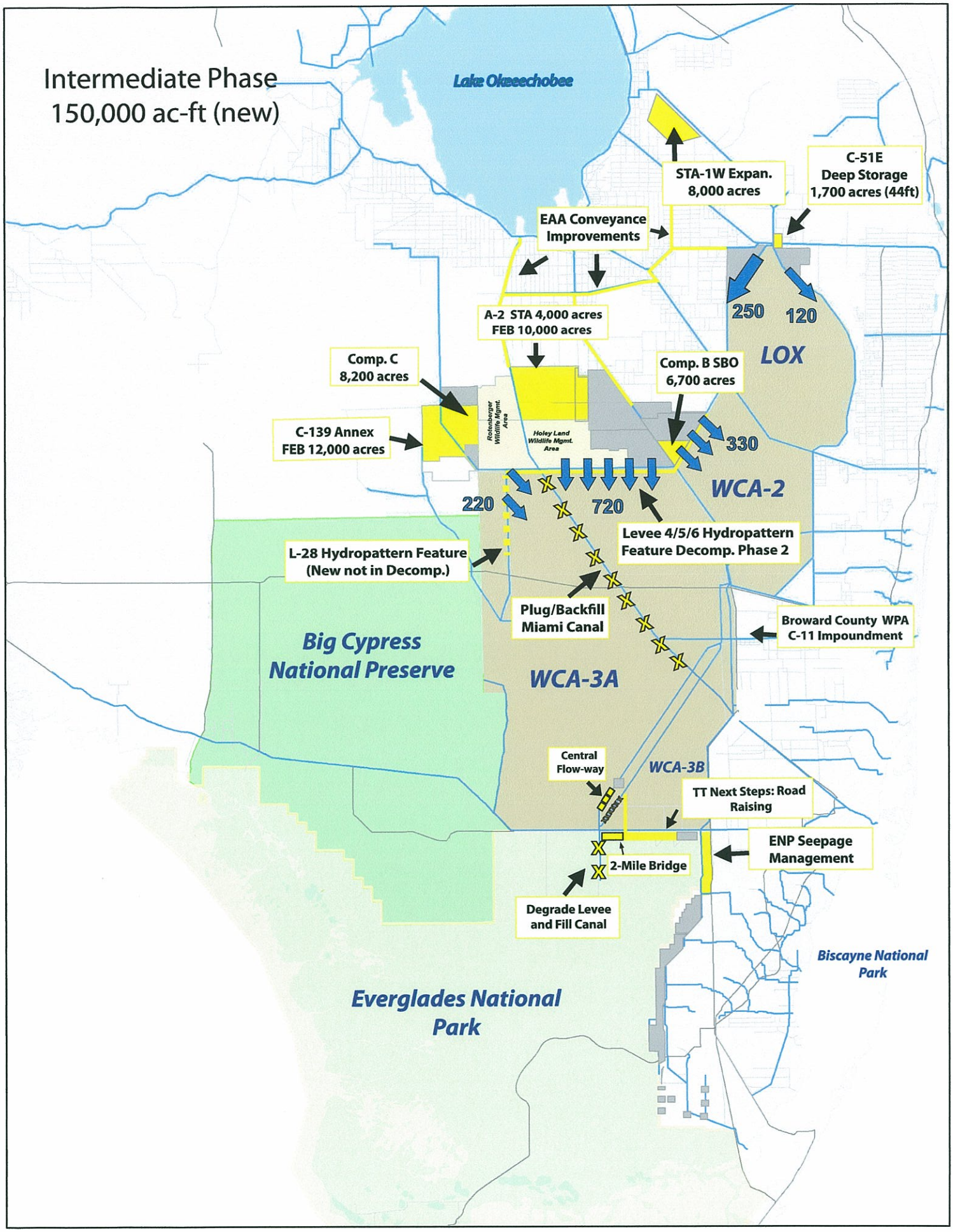
Components Covered by Existing Corps Authorities

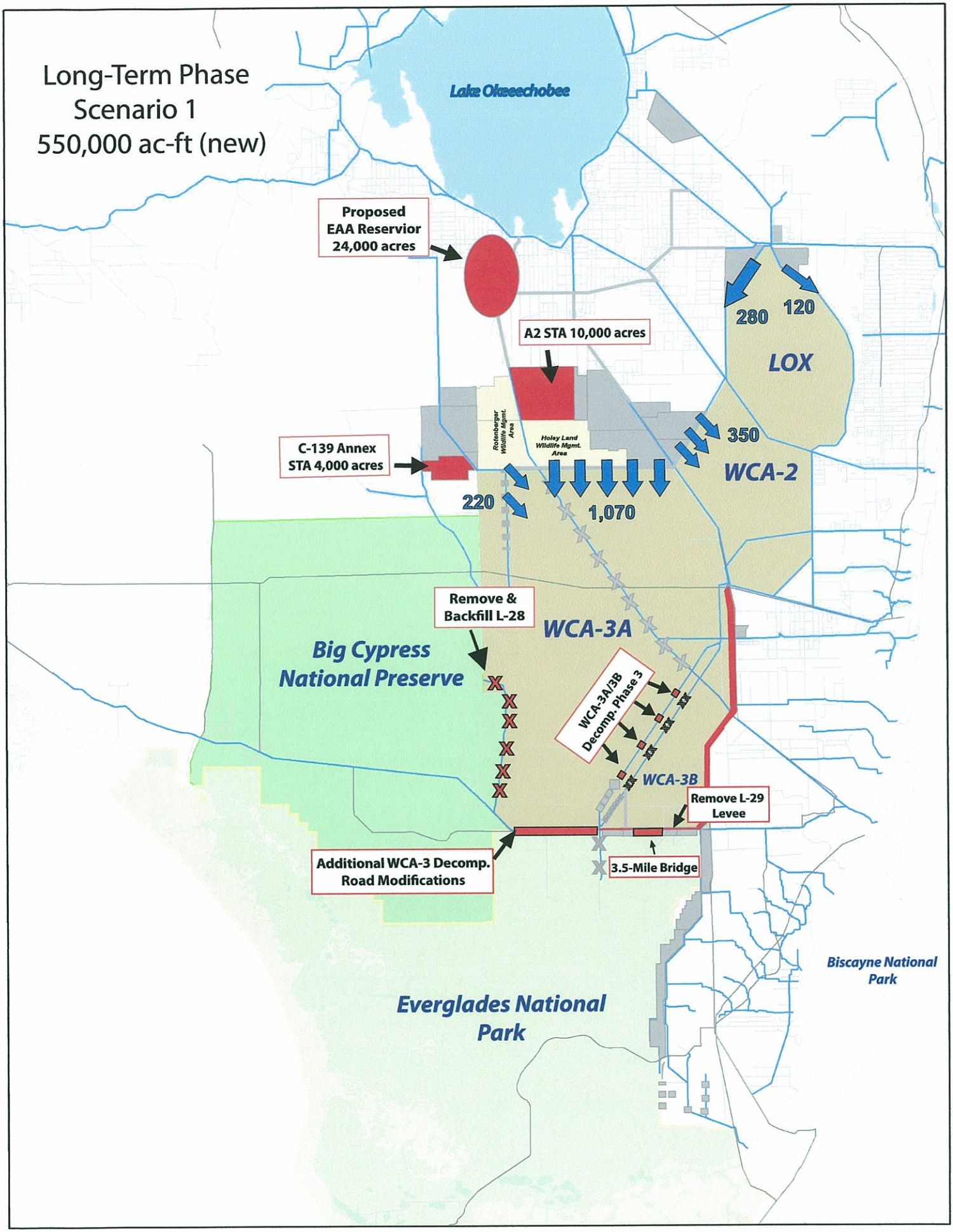
- L-29 Removal (Decomp Phase 2)
- L-67 Culverts (Decomp Phase 2)
- Remove and Backfill L-28 Canal (Decomp Phase 3)
- Additional Road Mods on Western Tamiami Trail (Decomp Phase 3)
- WCA 3A and 3B Seepage Management

Components to be Implemented by Non-Corps Authorities

- 2.9 Miles of Tamiami Trail Next Steps


Near-Term Phase
80,000 ac-ft (new)
Lake Okeechobee
C-51 E
Deep Storage (22 ft)
A-2 STA 2,500
acres & FEB
11,500 acres
A1 as an STA
15,000 acres
280
110
LOX
Comp. B NBO
1,900 acres
Rotenberger
Wildlife Mgmt.
Area
Holey Land
Wildlife Mgmt.
Area
WCA-2
160
490
300
240
WCA-3A Hydropattern
Feature Decomp. Phase 1
Big Cypress
National Preserve
WCA-3A
Decomp.
Physical
Model
WCA-3B
1-Mile Bridge
S-356 Pump Station
Raise Road
Surface Elevation
8.5 Square
Mile Area
Biscayne National
Park
C-111 South-Dade
North/South Detention Areas
Gulf
of
Mexico
Everglades National
Park
C-111 West
Spreader Canal


Intermediate Phase
150,000 ac-ft (new)
Lake Okeechobee
STA-1W Expan.
8,000 acres
C-51E
Deep Storage
1,700 acres (44ft)
EAA Conveyance
Improvements
250
120
LOX
A-2 STA 4,000 acres
FEB 10,000 acres
Comp. C
8,200 acres
Comp. B SBO
6,700 acres
C-139 Annex
FEB 12,000 acres
Rotenberger Wildlife Mgmt. Area
Holey Land Wildlife Mgmt. Area
330
WCA-2
220
720
Levee 4/5/6 Hydropattern
Feature Decomp. Phase 2
L-28 Hydropattern Feature
(New not in Decomp.)
Plug/Backfill
Miami Canal
Broward County WPA
C-11 Impoundment
Big Cypress
National Preserve
WCA-3A
Central
Flow-way
WCA-3B
TT Next Steps: Road
Raising
ENP Seepage
Management
2-Mile Bridge
Degrade Levee
and Fill Canal
Biscayne National
Park
Everglades National
Park


Long-Term Phase
Scenario 1
550,000 ac-ft (new)
Lake Okeechobee
Proposed
EAA Reservior
24,000 acres
A2 STA 10,000 acres
280
120
LOX
Rotenberger
Wildlife Mgmt.
Area
Holey Land
Wildlife Mgmt.
Area
350
WCA-2
C-139 Annex
STA 4,000 acres
220
1,070
Remove &
Backfill L-28
WCA-3A
Big Cypress
National Preserve
WCA-3A/3B
Decomp. Phase 3
WCA-3B
Remove L-29
Levee
Additional WCA-3 Decomp.
Road Modifications
3.5-Mile Bridge
Biscayne National
Park
Everglades National
Park

Reply Reply to All Forward

Requesting your assistance

Estenoz, Shannon A

Sent: Tuesday, June 28, 2011 9:00 AM

Cc: achildress@sfrestore.org; Burger, Kevin

Bcc: Kirk Fordham (kfordham@evergladesfoundation.org); III John Adornato (jadornato@npca.org); Johnson, Robert; Lewis, Mark H.; Kimball, Dan; Best, G. Ronnie; Aumen, Nick; Jodrey, Donald S; Souza, Paul; chuck.collins@myfwc.com; cmcvoy@sfwmd.gov; duncan2u(b) (6)

Friends,

As all of you know, South Florida Ecosystem Restoration Task Force (SFERTF) Executive Director Greg May retired last month. As our team moves through this transition period, we thought we would take the time to seek feedback from a cross section of our restoration partners regarding the SFERTF and its functions, teams, and products.

The Task Force was established by Congress in order to perform 4 basic functions:

- Coordinate restoration of the South Florida Ecosystem
- Exchange information among Task Force members
- Facilitate conflict resolution among Task Force members
- Coordinate restoration science and research

Allyn Childress of our staff will be contacting you to ask if you are willing to provide us with your thoughts on the Task Force, its core functions and its value to your organization. Participation consists of a short telephone interview with Allyn that we anticipate will take no more than 30 minutes.

Thank you in advance for your assistance. If you have any questions, or require additional information please do not hesitate to contact me.

With warm regards,

Shannon

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

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Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

Reply | Reply to All | Forward

Quick call

You replied on 6/29/2011 8:28 AM.

Kirk Fordham [kirkfordham(b) (6)]

Sent: Tuesday, June 28, 2011 12:17 PM

To: Fowler West [fwest@cwdc.com]; debbie_weatherly(b) (6) ; MOORE, Brian [bmoore@audubon.org]

Cc: Estenoz, Shannon A

Are you all free at 2pm tomorrow, Wednesday, June 29th, to do a very brief call with Shannon? We'd like discuss a few concerns we have on the budget process, most notably the $25 million in land acquisition for Mod Waters.

Let me know if you can make this time work.

--

Kirk Fordham
CEO, Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, Florida 33157
(305) 251-0001 x227
(b) (6) mobile

www.evergladesfoundation.org

Reply Reply to All Forward

RE: Quick call

Estenoz, Shannon A

Sent: Wednesday, June 29, 2011 8:27 AM
To: Kirk Fordham [kirkfordham(b) (6) ; Fowler West [fwest@cwdc.com];

Folks,

I am wondering if we can move this call to 2:30? If not, that's ok, but I have a meeting that ends at 2 and may go over a few minutes. Sorry Kirk, that's what I get for talking while driving - I can't check my calendar.

S

Shannon Estenoz
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shannon_estenoz@ios.doi.gov

From: Kirk Fordham [kirkfordham(b) (6)]
Sent: Tuesday, June 28, 2011 12:17 PM
To: Fowler West; debbie_weatherly(b) (6) ; MOORE, Brian
Cc: Estenoz, Shannon A
Subject: Quick call

Are you all free at 2pm tomorrow, Wednesday, June 29th, to do a very brief call with Shannon? We'd like discuss a few concerns we have on the budget process, most notably the $25 million in land acquisition for Mod Waters.

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Re: Quick call

Kirk Fordham [kirkfordham(b) (6)]

Sent: Wednesday, June 29, 2011 8:37 AM
To: MOORE, Brian [bmoore@audubon.org]
Cc: Estenoz, Shannon A; fwest@cwdc.com; debbie_weatherly(b) (6) Nancy Hill [nhill@evergladesfoundation.org]

It works for me as well.

Fowler and Debbie?

Nancy, please send a conference call number. Thanks.

On Wed, Jun 29, 2011 at 8:35 AM, MOORE, Brian <bmoore@audubon.org> wrote:

> Works for me
>
> ---
>
> **From:** Estenoz, Shannon A <Shannon_Estenoz@ios.doi.gov>
> **To:** Kirk Fordham <kirkfordham(b) (6) >; Fowler West <fwest@cwdc.com>; debbie_weatherly(b) (6) <debbie_weatherly(b) (6) >; MOORE, Brian
> **Sent:** Wed Jun 29 08:27:02 2011
> **Subject:** RE: Quick call
>
> Folks,
>
> I am wondering if we can move this call to 2:30? If not, that's ok, but I have a meeting that ends at 2 and may go over a few minutes. Sorry Kirk, that's what I get for talking while driving - I can't check my calendar.
>
> S
>
> Shannon Estenoz
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> Fax: (305) 348-1667
>
> shannon_estenoz@ios.doi.gov
>
> ---
>
> **From:** Kirk Fordham [kirkfordham(b) (6)
> **Sent:** Tuesday, June 28, 2011 12:17 PM
> **To:** Fowler West; debbie_weatherly(b) (6) ; MOORE, Brian
> **Cc:** Estenoz, Shannon A

Reply | Reply to All | Forward

Fwd: Quick call

You forwarded this message on 6/29/2011 8:59 AM.

Nancy Hill [nhill@evergladesfoundation.org]

Sent: Wednesday, June 29, 2011 8:54 AM
To: Fowler West [fwest@cwdc.com]; Estenoz, Shannon A;
Cc: Kirk Fordham [kirkfordham(b) (6)]

Good morning all,

The conference call has been scheduled for 2:30 PM EDT today, Wednesday, June 29. Please use the following:

Teleconference Call-in # (866) 228-9900 Passcode: 472422

Begin forwarded message:

From: Kirk Fordham <kirkfordham(b) (6) >
Date: June 29, 2011 8:37:03 AM EDT
To: "MOORE, Brian" <bmoore@audubon.org>
Cc: "Shannon_Estenoz@ios.doi.gov" <Shannon_Estenoz@ios.doi.gov>, "fwest@cwdc.com" <fwest@cwdc.com>, "debbie_weatherly(b) (6) " <debbie_weatherly(b) (6) >, Nancy Hill <nhill@evergladesfoundation.org>
Subject: Re: Quick call

It works for me as well.

Fowler and Debbie?

Nancy, please send a conference call number. Thanks.

On Wed, Jun 29, 2011 at 8:35 AM, MOORE, Brian <bmoore@audubon.org> wrote:

> Works for me
>
> ---
>
> **From:** Estenoz, Shannon A <Shannon_Estenoz@ios.doi.gov>
> **To:** Kirk Fordham <kirkfordham(b) (6) ; Fowler West <fwest@cwdc.com>; debbie_weatherly(b) (6) <debbie_weatherly(b) (6) ; MOORE, Brian
> **Sent:** Wed Jun 29 08:27:02 2011
> **Subject:** RE: Quick call
>
> Folks,
>
> I am wondering if we can move this call to 2:30? If not, that's ok, but I have a meeting that ends at 2 and may go over a few minutes. Sorry Kirk, that's what I get for talking while driving - I can't check my calendar.

Reply | Reply to All | Forward

Re: Quick call

Kirk Fordham [kirkfordham(b) (6)

Sent: Wednesday, June 29, 2011 2:28 PM
To: HILL-GABRIEL, Julie [jhill-gabriel@audubon.org]
Cc: Estenoz, Shannon A

Feel free to join!

Sent from my iPhone

On Jun 29, 2011, at 1:53 PM, "HILL-GABRIEL, Julie" <jhill-gabriel@audubon.org> wrote:

> Hey guys,
>
> mind if I join?
>
> Julie

From: Nancy Hill [mailto:nhill@evergladesfoundation.org]
Sent: Wednesday, June 29, 2011 8:55 AM
To: Fowler West; Shannon Estenoz; Debbie Weatherly; MOORE, Brian
Cc: Kirk Fordham
Subject: Fwd: Quick call

Good morning all,

The conference call has been scheduled for 2:30 PM EDT today, Wednesday, June 29. Please use the following:

Teleconference Call-in (b) (4) **Passcode:** (b) (4)

Reply | Reply to All | Forward

Getting together

Estenoz, Shannon A

Sent: Thursday, July 14, 2011 10:14 AM

To: npreed@(b) (6)

Nathaniel,

I received your letter. I have much to update you on.(b) (6)

(b) (6) When I get back I would love to come up and spend time with you bringing you up to speed on all that is happening behind the scenes. All is not lost - in fact, I am as hopeful as I have ever been.

S

Shannon Estenoz
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shannon_estenoz@ios.doi.gov

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Re: Getting together

Estenoz, Shannon A

Sent: Thursday, July 14, 2011 12:26 PM
To: 'npreed(b) (6)

Thanks Cindy! Should I have my assistant work directly with you to get something on the calendar for when he is back?

From: Nathaniel P. Reed <npreed(b) (6)
To: Estenoz, Shannon A
Sent: Thu Jul 14 11:27:03 2011
Subject: Re: Getting together

Shannon, (b) (6) for the summer and is leaving Monday for two (b) (6) When you return, he can be reached in the mornings a(b) (6) (b) (6) He'd love to hear from you. Enjoy your holiday. Cindy

From: Estenoz, Shannon A
Sent: Thursday, July 14, 2011 10:14 AM
To: npreed@(b) (6)
Subject: Getting together

Nathaniel,

I received your letter. I have much to update you on. (b) (6) (b) (6) . When I get back I would love to come up and spend time with you bringing you up to speed on all that is happening behind the scenes. All is not lost - in fact, I am as hopeful as I have ever been.

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shannon_estenoz@ios.doi.gov

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FW: Kissimmee River Monthly Photo Update

Estenoz, Shannon A

Sent: Friday, July 15, 2011 11:41 AM
To: npreed(b) (6)
Attachments: Kissimmee_River_update_20~1.pptx (3 MB) [Open as Web Page]

Cindy,

I thought Nathaniel might appreciate the photos in the attached presentation.

S

Shannon Estenoz
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Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Anderson, Brent [branders@sfwmd.gov]
Sent: Friday, July 15, 2011 10:49 AM
To: Alexander, Matthew; Anderson, Brent; Anderson, H. David; Andreotta, Holly; Azeredo, Debra; Bertolotti, Lesley; Bousquin, Steve; Brostek, Alexander; Burns, Scott; Byle, William; Cadavid, Luis; Carlson, Christine; Cecelia Weaver; Cheek, Michael; Chick813@aol.com; Christina Evans; Cindy Lott; Coffelt, Gregory; Colangelo, David; Couch, Jeffery D SAJ; Crawford, Eric; ctrent4@fau.edu; Dignard, Suelynn; Dirk, Lynda; Donnelly, Karen; Drum, Deborah; Duever, Michael; Duffy, Erin M SAJ; Dwight.Myers@MyFWC.com; East, Therese; Elam Stoltzfus; Estenoz, Shannon A; Foote, David; Glenn, Lawrence; Gostel, Michael; Graham, Amber; Gray, Susan; Grimshaw, Herbert; Hanlon, Charles; Hughes, Dianne K.; hyuan@wrscompass.com; James Karr; Jason.Williams@MyFWC.com; Jerilyn Krug; jolleyw@comcast.net; Jones, Bradley; Kattel, Bijaya; Kennedy, Greg A.; khuser@fau.edu; King, Christopher; Kivett, Jeff; Koebel, Joseph; Konyha, Kenneth; Laurie Glass; Lindstrom, Linda; Linton, Paul; lkerwin@fau.edu; Mark Clark; Mason, Susan; McLemore, Jeffrey; Medellin, Donald; melbond7@embarqmail.com; Melissa Martin; Mills, Brenda; Mitnik, John; momcken@yahoo.com; Moran John; Neidrauer, Calvin; niki butcher; Obeysekera, Jayantha; Owosina, Akintunde; Paul Miller; Peter Moretuzzo; Peters, Amy; Pierce, Rachael; Pietro, Kathleen; Powell, Dean; Rani, Rama; rcobservatory@embarqmail.com; Regalado, Nanciann E SAJ; Ritter, Gary; Robbins, Erica A SAJ; Rodusky, Andrew; Rose Ibsen, Bonnie; Sculley, Sean; sedic@fau.edu; Sengupta, Art; Sharfstein, Bruce; Shirkey, Alan; Spencer, Lawrence; Tara Urbanik; Tiphanie Jinks; Valdes, Jose; Viteretto, Linda; Welch, Catherine; Wilcox, Walter; Williams, Graham E. ; Wilson, Jessica; Zhang, Joyce
Subject: Kissimmee River Monthly Photo Update

Here is the latest from May and June on the Kissimmee River.
Thanks and enjoy.

May-June 2011 Kissimmee Basin Environmental and Restoration Features

Photography by Brent Anderson
Branders@SFWMD.gov

Looking north at the river channel in the north end of the Phase I restoration area. This image shows the expansive 2-3 mile wide floodplain that extends out to its oak hammock boundaries. You can also see the faint scar of the backfilled C-38 canal running up the center of the image.

Looking south at the recarved river channel in the Phase IVB restoration area. This image again shows the expansive 2-3 mile wide floodplain that extends out to its oak hammock boundaries. Since this phase of restoration was only completed 2 years ago you can see a more prominent scar of the backfilled C-38 canal running up the center of the image

Restored river channel in the Phase I restoration area

Micco Run in the south end of the Phase I restoration area

Phase I restoration area river channel and abandoned river channels.

As the drought continues through May, water levels in the Phase I restoration area river channels continue to decrease exposing sand bars and sandy banks.

White-tailed deer take advantage of the dry floodplain in the Phase I restoration area.

More sandbars in the Phase I restoration area.

More sandbars in the Phase I restoration area.

Abandoned river channels in the Phase I restoration area floodplain..

A few foraging flocks take advantage of the last remaining drying pools in the Phase I restoration area.

We conducted throw samples in the remaining drying pools in the Phase I restoration area floodplain to study prey availability for wading birds.

Environmental scientist Mike Cheek airboats through the MacArthur Impoundment floodplain area where vegetation communities have shifted to a wet prairie-like landscape dominated by *Echinochloa* sp. (barnyard grass).

MacArthur Impoundment area floodplain in the Phase I restoration area

Upper Phase I restoration area floodplain under dry conditions in May

Looking east at construction of a bridge to allow the River Acres community to maintain access to their homes. The bridge crosses over the new navigation canal.

Looking south at construction to reconnect oxbows in Phase II/III restoration area in preparation for C-38 backfill and restoration to begin next year.

Looking north at construction (clearing and burning) to reconnect oxbows in Phase II/III restoration area in preparation for C-38 backfill and restoration to begin next year.

Unrestored Phase II/III floodplain where restoration construction is scheduled to begin in one year.

Abandoned river channel in the Phase I restoration area floodplain.

Giant silkworm moth *Antheraea polyphemus*

A young cattle egret nestling in a wading bird breading colony in the lower Phase I restoration area.

A tri-color heron nestling on Lake Kissimmee's Rabbit Island.

Reply | Reply to All | Forward

Away on vacation.

npreed(b) (6) [npreed(b) (6)]

Sent: Friday, July 15, 2011 11:45 AM

To: Estenoz, Shannon A

(b) (6)

Who should we get to sign this letter to the editor?

Kirk Fordham [kirkfordham(b) (6)]

Sent: Saturday, July 16, 2011 3:20 AM

To: Estenoz, Shannon A; Shannon E[(b) (6) ; Mary Barley [(b) (6)]

Just as I was about to go to bed, I made the mistake of checking the Palm Beach Post's website and stumbled across this revolting letter from Mike Collins. No longer able to sleep, I tossed and turned until I finally got up and hammered out a response. The letter I wrote is far too critical for my signature. Below is Collins' letter and my draft response. Who could we get to sign it?

Letters: With Scott, Everglades restoration back on track

By **LETTERS TO THE EDITOR FOR SATURDAY, JULY 16**

Posted: 7:13 p.m. Friday, July 15, 2011

In response to the op-ed commentary "Would you trade water for a pizza? Our governor did," Florida needs to support a well-planned, scientifically sound Everglades restoration blueprint, like the Comprehensive Everglades Restoration Plan (CERP), which was developed and approved by all stakeholders.

But the environmental community, backed by The Palm Beach Post, supported the previous governor's vision for the Everglades, which is what veered the district wildly off course from CERP. The so-called "River of Grass" project, proposed by Gov. Charlie Crist and hailed by environmentalists, brought CERP to a standstill. In addition to wasting $200 million on land that was not needed, it squandered two years that could have been spent advancing CERP projects and continuing the positive path restoration was on under Gov. Jeb Bush. That is why these new efforts to vilify Gov. Rick Scott, whose goal is to prevent further derailment, ring more than hollow.

It is unfortunate that the environmental community and The Palm Beach Post continue to ignore the progress and investments made by Florida and Florida's agricultural producers and instead praise the federal government, which has virtually defaulted on its 50 percent restoration cost share. The feds seem to be happy to dictate terms that hinder, rather than help restore the Everglades and its waters.

Rick Scott is putting politics aside and using his office to streamline Everglades restoration. The state and the South Florida Water Management District need to spend our precious tax dollars efficiently, on a logical, scientifically sound plan. One can only imagine what a reader with limited knowledge of Everglades restoration would think after reading the revisionist history in "Would you trade water for pizza? Our governor did."

MICHAEL COLLINS

Islamorada

Editor's note: Michael Collins was chairman of the South Florida Water Management District Governing Board when the state and federal governments approved Everglades restoration.

To the Editor:

It should surprise no one to see former South Florida Water Management District governing board member, Mike Collins, rush to the defense of Big Sugar and other polluters.

He now works for them.

Mr. Collins oddly asserts that former Governor Charlie Crist's policies somehow brought the Comprehensive Everglades Restoration Plan (CERP) "to a standstill."

In fact, the opposite is true. Over the last three years, as a result of Crist's leadership and bi-partisan support in Washington, there has been a surge in the construction of CERP projects that will protect the Everglades and our water supply.

Even more bizarre is Collins' defense of Governor Rick Scott's alarming environmental policies. Before he could even move his furniture into the Capitol, the new Governor sued the Environmental Protection Agency to allow polluters more latitude to dump sewage, animal waste and fertilizer into our lakes, rivers and streams. Only weeks later, Scott gutted state laws designed to shield taxpayers from having to foot the bill for unchecked development and sprawl. In a move that was nothing short of insulting to our state's fishermen, hotel owners and and other small businesses who suffered deep financial losses as a result of the gulf oil spill, the Governor recently scuttled a state lawsuit that would have recovered from BP hundreds of millions--perhaps billions--of dollars owed to Florida taxpayers.

Topping it all off, Governor Scott's budget proposed cuts so deep in Everglades Restoration funding, even the conservative Republican leadership of our state legislature felt compelled to restore a portion of the much-needed money to keep water supply and Everglades projects moving forward.

While it is public record that Mr. Collins has applied for re-appointment by Governor Scott to a position at the water management district, his shameless pandering and transparent defense of the Governor's policies is a glaring reminder why he should never again be trusted to oversee the protection of Florida's natural resources or our water supply.

Sincerely,

xxx

--
Kirk Fordham
CEO, Everglades Foundation
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(b) (6) mobile

www.evergladesfoundation.org

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Congrats and other things

You replied on 8/4/2011 12:22 PM.

Yvonne Gsteiger [ygsteig(b) (6)]

Sent: Wednesday, August 03, 2011 5:42 PM
To: Estenoz, Shannon A

Hey. Richard gave me your contact information.

First I need to congratulate you belatedly for your new (not so new) job with DOI. Big WOW!

Second, I guess you know I took a job with the Everglades Foundation as Director of Grants and External Affairs.

Third, I'm located in TLH but will be traveling to Miami and environs occassionally. I'll be there next week and I know it's sort of short notice, but might you have some time to meet maybe afternoon Tuesday or morning Wednesday? It's a thought. Richard might have told you I'm meeting with him Wed afternoon to talk issues too.

Let me know if a meeting might work. If not, next time. There is a chance that Kirk may want to join me. He seemed very interested.

Hope your(b) are doing well. My (b) (6) !!!! It sort of blows my mind.
Cheers, Yvonne3

Reply | Reply to All | Forward

RE: Congrats and other things

Estenoz, Shannon A

Sent: Thursday, August 04, 2011 12:20 PM
To: Yvonne Gsteiger [ygsteig@(b) (6)

Hi Yvonne!

Great to hear from you and I am very happy to hear that you have joined the Everglades Foundation! I just received an appointment from Kirk for Tuesday morning down at his office. I hope will be joining us for that. I can't believe that(b) (6) But then again, (b) (6) in two weeks, so I am feeling it too! (b) (6) Both are doing very well. I look foward to catching up - bring pics of the girls if you can.

S

Shannon Estenoz
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Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Yvonne Gsteiger [ygsteig@(b) (6)
Sent: Wednesday, August 03, 2011 5:42 PM
To: Estenoz, Shannon A
Subject: Congrats and other things

Hey. Richard gave me your contact information.

First I need to congratulate you belatedly for your new (not so new) job with DOI. Big WOW!

Second, I guess you know I took a job with the Everglades Foundation as Director of Grants and External Affairs.

Third, I'm located in TLH but will be traveling to Miami and environs occassionally. I'll be there next week and I know it's sort of short notice, but might you have some time to meet maybe afternoon Tuesday or morning Wednesday? It's a thought. Richard might have told you I'm meeting with him Wed afternoon to talk issues too.

Let me know if a meeting might work. If not, next time. There is a chance that Kirk may want to join me. He seemed very interested.

Hope your kids are doing well. My (b) (6) !!!! It sort of blows my mind.
Cheers, Yvonne3

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Tuesday 23rd

Estenoz, Shannon A

Sent: Friday, August 05, 2011 4:31 PM

To: Jodrey, Donald S; Kirk Fordham (kfordham@evergladesfoundation.org)

Don and Kirk,

Would Tuesday 23rd work for both of you and TVL to have a meeting in Washington with Nathaniel? Time is flexible, but for ease of travel, I am thinking sometime between 10 and 3 - perhaps 90 minutes? I spoke to Nat and this works for him.

S

Shannon Estenoz
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shannon_estenoz@ios.doi.gov

Reply | Reply to All | Forward

Re: Tuesday 23rd

You replied on 8/5/2011 6:20 PM.

Kirk Fordham [kirkfordham(b) (6)

Sent: Friday, August 05, 2011 5:58 PM
To: Estenoz, Shannon A
Cc: Jodrey, Donald S; Kirk Fordham (kfordham@evergladesfoundation.org)

I just organized a group to travel to Tallahassee on that day! Will you also be in DC on the 24th?

On Fri, Aug 5, 2011 at 4:31 PM, Estenoz, Shannon A <Shannon_Estenoz@ios.doi.gov> wrote:

> Don and Kirk,
>
> Would Tuesday 23rd work for both of you and TVL to have a meeting in Washington with Nathaniel? Time is flexible, but for ease of travel, I am thinking sometime between 10 and 3 - perhaps 90 minutes? I spoke to Nat and this works for him.
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--
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(b) (6) mobile

www.evergladesfoundation.org

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RE: Tuesday 23rd

Estenoz, Shannon A

Sent: Friday, August 05, 2011 6:19 PM
To: Kirk Fordham [kirkfordham(b) (6)
Cc: Jodrey, Donald S; Kirk Fordham (kfordham@evergladesfoundation.org)

Well, I screwed up any way. Turns out that is the CISRERP meeting. How about Monday the 29th? Don't know if that works for Nat.

Shannon Estenoz
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Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Kirk Fordham [kirkfordham(b) (6)]
Sent: Friday, August 05, 2011 5:58 PM
To: Estenoz, Shannon A
Cc: Jodrey, Donald S; Kirk Fordham (kfordham@evergladesfoundation.org)
Subject: Re: Tuesday 23rd

I just organized a group to travel to Tallahassee on that day! Will you also be in DC on the 24th?

On Fri, Aug 5, 2011 at 4:31 PM, Estenoz, Shannon A <Shannon_Estenoz@ios.doi.gov> wrote:

> Don and Kirk,
>
> Would Tuesday 23rd work for both of you and TVL to have a meeting in Washington with Nathaniel? Time is flexible, but for ease of travel, I am thinking sometime between 10 and 3 - perhaps 90 minutes? I spoke to Nat and this works for him.
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Reply | Reply to All | Forward

Meet Lukas's new little brother.

Kirk Fordham [kirkfordham(b) (6)

Sent: Saturday, August 06, 2011 12:54 PM

To: Mike Cevarr [Mcevarr(b) (6)]; Kirk Fordham [KirkFordham(b) (6)

Attachments: IMG_9213.JPG (237 KB); Levi at Holy Cross.jpg (868 KB); Levi's feet.jpg (868 KB); Lukas

Friends:

(b) (6)

We're looking forward to introducing you to him in the very near future.

Mike and Kirk

Kirk
(b) (6) mobile

Mike
(b) (6) mobile

(b) (6)

(b) (6)

(b) (6)

(b) (6)

Reply | Reply to All | Forward

Everglades Foundation meeting, Wednesday 8/10 @ 3PM

Nancy Hill [nhill@evergladesfoundation.org]

Sent: Tuesday, August 09, 2011 11:19 AM
To: Estenoz, Shannon A
Cc: darmel@sfrestore.org

Shannon,

I can confirm the schedule for your meeting with Kirk and Tom Van Lent for **tomorrow, August 10th at 3:00 PM** at our offices. Kirk and Tom will be available to meet with you prior to a call with Mary Barley and Chris Buckley requested for approximately 4:00 PM. Please let me know if this will work for you.

Thank you,
Nancy

Nancy Hill
Executive Assistant
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
Phone: 305.251.0001
Cell: (b) (6)
Fax: 305.251.0039
E-mail: nhill@evergladesfoundation.org

www.evergladesfoundation.org

Reply | Reply to All | Forward

Fwd: Everglades Foundation meeting, Wednesday 8/10 @ 3PM

You replied on 8/9/2011 5:46 PM.

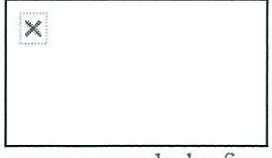
Nancy Hill [nhill@evergladesfoundation.org]

Sent: Tuesday, August 09, 2011 2:34 PM
To: Estenoz, Shannon A

Shannon,

Kirk and Tem mentioned that you have some maps pursuant to the discussion for tomorrow's meeting. Can you please provide to me so I can distribute accordingly? Thank you.

Begin forwarded message:

> **From:** Nancy Hill <nhill@evergladesfoundation.org>
> **Date:** August 9, 2011 11:19:17 AM EDT
> **To:** Shannon Estenoz <shannon_estenoz@ios.doi.gov>
> **Cc:** darmel@sfrestore.org
> **Subject: Everglades Foundation meeting, Wednesday 8/10 @ 3PM**
>
> Shannon,
>
> I can confirm the schedule for your meeting with Kirk and Tom Van Lent for **tomorrow, August 10th at 3:00 PM** at our offices. Kirk and Tom will be available to meet with you prior to a call with Mary Barley and Chris Buckley requested for approximately 4:00 PM. Please let me know if this will work for you.
>
> Thank you,
> Nancy
>
> Nancy Hill
> Executive Assistant
> EVERGLADES FOUNDATION
> 18001 Old Cutler Road, Suite 625
> Palmetto Bay, FL 33157
> Phone: 305.251.0001
> Cell: (b) (6)
> Fax: 305.251.0039
> E-mail: nhill@evergladesfoundation.org
>
> 
>
> www.evergladesfoundation.org

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Maps and call-in information for conference with Shannon Estenoz

Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Sent: Wednesday, August 10, 2011 11:16 AM

To: Mary Barley (b) (6) ;

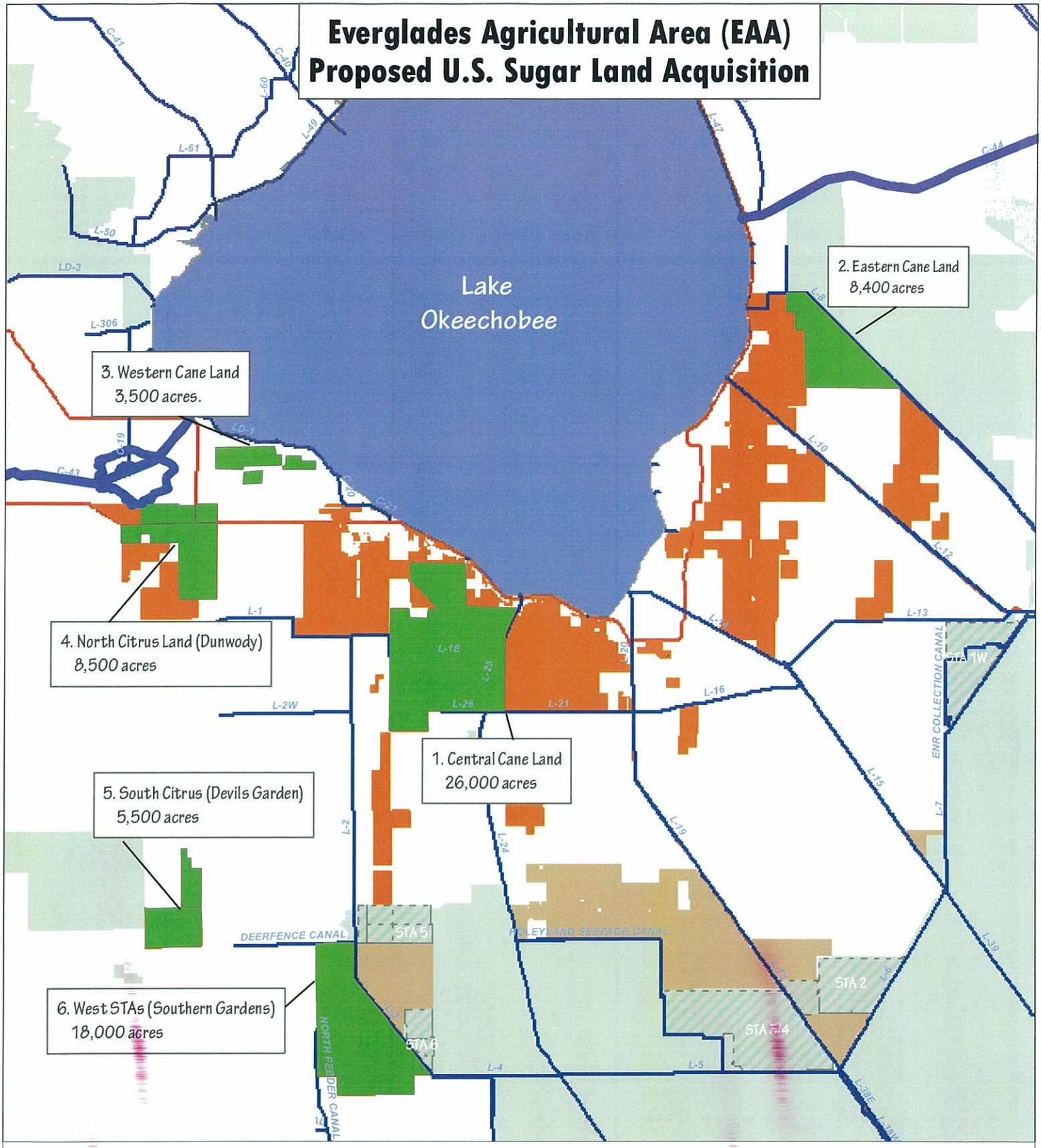
Cc: Estenoz, Shannon A; Nancy Hill [nhill@evergladesfoundation.org]

Attachments: ECPMap.pdf (296 KB) [Open as Web Page]; ATT00001.htm (200 B); US Sugar Land

Figure 1-1: EPA Tributary Basins.

Source: Everglades Regulation Division, SFWMD

Everglades Agricultural Area (EAA)
Proposed U.S. Sugar Land Acquisition



Rosanna G. Rivero
Everglades Foundation,
April 2009

- Proposed Acquisition April 2009
- Treatment Areas (STAs)
- Talisman property
- U.S. Sugar Lands
- Federal and state lands

Summary of U.S. Sugar Acquisition Areas, April 2009

No	Property name	Area (acres)
1	Central Cane Land	26,000
2	Eastern Cane Land	8,400
3	Western Cane Land	3,500
4	North Citrus Land (Dunwody)	8,500
5	South Citrus Land (Devils Garden)	5,500
6	West STAs 5 & 6 (Southern Gardens)	18,000

Source: SFWMD April 2009

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Call-in information for 4pm call with Shannon Estenoz

Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Sent: Wednesday, August 10, 2011 11:24 AM
To: Mary Barley (b) (6) ;
Cc: Nancy Hill [nhill@evergladesfoundation.org]; Estenoz, Shannon A

I understand that in some email, the text below the maps was cut-off. I'm sending the call-in information again, repeating that information.

The call will begin at 4 pm today, August 10. We would like to set up the call to allow us to jointly look at the maps, so we have set up a call-in number and a video connection. You can still call in even if you don't have the video, but it might help keep us on the same page, so to speak.

1. For video: point your browser to:
https://www1.gotomeeting.com/join/504269385

2. For audio, call in using your telephone:

Dial (b) (4)
Access Code: (b) (4)
Audio PIN: Shown after joining the meeting
Meeting ID: 504-269-385

Thomas Van Lent, Ph.D.
Senior Scientist
The Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
(O) 305-251-0001 x 230
(M) (b) (6)
tvanlent@evergladesfoundation.org
www.evergladesfoundation.org

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Thought you all might a copy of this photo

Fordham Kirk [kirkfordham@gmail.com]

Sent: Saturday, August 13, 2011 10:18 AM

To: Jodrey, Donald S; "Shannon E" [(b) (6)]; Estenoz, Shannon A; Grosso Richard [grossor((b) (6) ; Adornato III John [jadornato@npca.org]

(b) (6)

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Fwd: I didn't know S&P downgraded SFWMD

Kirk Fordham [kirkfordham(b) (6)]

Sent: Monday, August 15, 2011 11:24 AM

To: Estenoz, Shannon A

Attachments: S&P Downgrades SFWMD.pdf (138 KB) [Open as Web Page]

Kirk Fordham
CEO, Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, Florida 33157
(305) 251-0001 x227
(b) (6) mobile

www.evergladesfoundation.org

South Florida Water Management District Downgraded To 'AA+' On Legislative Changes That Restrict Financial Flexibility

Publication date: 10-Aug-2011 09:51:40 EST

View Analyst Contact Information

Contact Client Services
1-877-SPCLIENT
1-877-772-5436
Call Tree Options
Contact Us

NEW YORK (Standard & Poor's) Aug. 10, 2011--Standard & Poor's Rating Services has lowered its issuer credit rating on South Florida Water Management District (SFWMD) to 'AA+' from 'AAA'. At the same time, Standard & Poor's lowered its rating on the series SFWMD's certificates of participation (COPs) series 2006 to 'AA' from 'AA+'. The outlook is stable.

"The downgrade reflects recent legislative changes that we believe have significantly reduced the district's financial flexibility," said Standard & Poor's credit analyst John Sugden-Castillo.

The state's 2011 legislature passed and Gov. Rick Scott signed into law Senate Bill 2142, which greatly diminishes SFWMD's financial flexibility by capping the amount of revenues it can raise through ad valorem taxation in fiscal 2012 and requiring legislative approval of future budget and millage rates.

The 'AA+' rating reflects our view of strong executive and legislative oversight of the budget requiring the governor's and legislature's approval, strong management practices and policies; strong reserves, and low direct debt levels.

The 'AA' rating on the COPs reflects our assessment of the district's general creditworthiness as lessee, a master lease structure under which the failure to appropriate for one series of lease payments causes the termination of all leases covered by the master agreement, which provides added incentive to appropriate, an absolute and unconditional obligation to make lease payments once funds have been appropriated, and the high essentiality of projects being financed.

SFWMD is an agency of the State of Florida and one of five water management districts created pursuant to the Florida Water Resources Act of 1972. It is responsible for regional flood control water supply and water quality protection and ecosystem restoration management, including implementation of the Comprehensive Everglade Restoration Project. The district is a special taxing district with ad valorem taxing authority and encompasses all or parts of 16 counties in central and southern Florida. Its tax base is very broad, covering 18,000 square miles and including all or parts of 16 counties stretching from Orlando to the Florida Keys.

The stable outlook reflects our expectation that debt service will remain a manageable portion of SFWMD's budget. While revenue flexibility has been greatly diminished, the district's low leverage makes this portion of the budget affordable. Should SFWMD issue additional debt, absent a significant increase in revenues authorized by the governor and Florida's legislature, we could lower the ratings further.

RELATED CRITERIA AND RESEARCH
USPF Criteria: Appropriation-Backed Obligations, June 13, 2007

Complete ratings information is available to subscribers of RatingsDirect on the Global Credit Portal at www.globalcreditportal.com. All ratings affected

show

by this rating action can be found on Standard & Poor's public Web site at www.standardandpoors.com. Use the Ratings search box located in the left column.

Primary Credit Analyst: John Sugden-Castillo, New York (1) 212-438-1678; john_sugden@standardandpoors.com

Secondary Contact: Robin Prunty, New York (1) 212-438-2081; robin_prunty@standardandpoors.com

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Tomorrow

Estenoz, Shannon A

Sent: Tuesday, August 16, 2011 7:59 PM

To: Jodrey, Donald S; 'kfordham@evergladesfoundation.org'

Don,

Thanks for reserving conference room 3004 for us to meet with the foundation tomorrow at ten. When Kirk and Nathaniel arrive, what should they say to security? You are not going to be in the office so who should they say they are visiting? I've copied Kirk for efficiency.

S

Reply | Reply to All | Forward

Re: Tomorrow

You replied on 8/16/2011 8:10 PM.

Kirk Fordham [kirkfordham(b) (6)

Sent: Tuesday, August 16, 2011 8:09 PM
To: Estenoz, Shannon A
Cc: Jodrey, Donald S; kfordham@evergladesfoundation.org

Just got this. Disregard my text!

Sent from my iPhone

On Aug 16, 2011, at 8:00 PM, "Estenoz, Shannon A" <Shannon_Estenoz@ios.doi.gov> wrote:

> Don,
>
> Thanks for reserving conference room 3004 for us to meet with the foundation tomorrow at ten. When Kirk and Nathaniel arrive, what should they say to security? You are not going to be in the office so who should they say they are visiting? I've copied Kirk for efficiency.
>
> S

Reply | Reply to All | Forward

Re: Tomorrow

Estenoz, Shannon A

Sent: Tuesday, August 16, 2011 8:10 PM
To: 'kirkfordham(b) (6)

Just got this. Disregard MY text! :)

----- Original Message -----
From: Kirk Fordham [mailto:kirkfordham(b) (6)]
Sent: Tuesday, August 16, 2011 08:09 PM
To: Estenoz, Shannon A
Cc: Jodrey, Donald S; kfordham@evergladesfoundation.org <kfordham@evergladesfoundation.org>
Subject: Re: Tomorrow

Just got this. Disregard my text!

Sent from my iPhone

On Aug 16, 2011, at 8:00 PM, "Estenoz, Shannon A" <Shannon_Estenoz@ios.doi.gov> wrote:

> Don,
>
> Thanks for reserving conference room 3004 for us to meet with the foundation tomorrow at ten. When Kirk and Nathaniel arrive, what should they say to security? You are not going to be in the office so who should they say they are visiting? I've copied Kirk for efficiency.
>
> S

Reply | Reply to All | Forward

Re: Tomorrow

You replied on 8/17/2011 7:05 AM.

Kirk Fordham [kirkfordham(b) (6)]

Sent: Tuesday, August 16, 2011 8:13 PM
To: Estenoz, Shannon A

Please disregard my last email asking you to disregard my prior text?

P.S. Please make this meeting riveting and productive. I miss (b) (6) .

Sent from my iPhone

On Aug 16, 2011, at 8:10 PM, "Estenoz, Shannon A" <Shannon_Estenoz@ios.doi.gov> wrote:

> Just got this. Disregard MY text! :)
>
> ----- Original Message -----
> From: Kirk Fordham [mailto:kirkfordham(b) (6)]
> Sent: Tuesday, August 16, 2011 08:09 PM
> To: Estenoz, Shannon A
> Cc: Jodrey, Donald S; kfordham@evergladesfoundation.org <kfordham@evergladesfoundation.org>
> Subject: Re: Tomorrow
>
> Just got this. Disregard my text!
>
> Sent from my iPhone
>
> On Aug 16, 2011, at 8:00 PM, "Estenoz, Shannon A"
> <Shannon_Estenoz@ios.doi.gov> wrote:
>
>> Don,
>>
>> Thanks for reserving conference room 3004 for us to meet with the foundation tomorrow at ten. When Kirk and Nathaniel arrive, what should they say to security? You are not going to be in the office so who should they say they are visiting? I've copied Kirk for efficiency.
>>
>> S

Reply | Reply to All | Forward

Re: Tomorrow

Estenoz, Shannon A

Sent: Wednesday, August 17, 2011 7:05 AM

To: 'kirkfordham(b) (6)

I miss (b) (6) . I will do my best.

----- Original Message -----
From: Kirk Fordham [mailto:kirkfordham(b) (6)
Sent: Tuesday, August 16, 2011 08:13 PM
To: Estenoz, Shannon A
Subject: Re: Tomorrow

Please disregard my last email asking you to disregard my prior text?

P.S. Please make this meeting riveting and productive. I miss the boys.

Sent from my iPhone

On Aug 16, 2011, at 8:10 PM, "Estenoz, Shannon A" <Shannon_Estenoz@ios.doi.gov> wrote:

> Just got this. Disregard MY text! :)
>
> ----- Original Message -----
> From: Kirk Fordham [mailto:kirkfordham(b) (6)]
> Sent: Tuesday, August 16, 2011 08:09 PM
> To: Estenoz, Shannon A
> Cc: Jodrey, Donald S; kfordham@evergladesfoundation.org <kfordham@evergladesfoundation.org>
> Subject: Re: Tomorrow
>
> Just got this. Disregard my text!
>
> Sent from my iPhone
>
> On Aug 16, 2011, at 8:00 PM, "Estenoz, Shannon A"
> <Shannon_Estenoz@ios.doi.gov> wrote:
>
>> Don,
>>
>> Thanks for reserving conference room 3004 for us to meet with the foundation tomorrow at ten. When Kirk and Nathaniel arrive, what should they say to security? You are not going to be in the office so who should they say they are visiting? I've copied

Reply | Reply to All | Forward

DC Meetings last week with Nat Reed

You replied on 8/22/2011 4:51 PM.

Nancy Hill [nhill@evergladesfoundation.org]

Sent: Monday, August 22, 2011 4:20 PM
To: Estenoz, Shannon A; Kirk Fordham [kirkfordham(b) (6)]
Cc: darmel@sfrestore.org
Attachments: Screen shot 2011-01-20 at ~1.png (14 KB); ATT00001.txt (98 B)

Shannon and Kirk,

Nat Reed is asking for the name of the Assistant Secretary of Interior for Fish, Wildlife and Parks, who you met when you were in DC last week. He mentioned that she dropped by the meeting because she wanted to meet Nat.

Can you please identify her so I can forward her name to him? Thanks very much.

Nancy Hill
Executive Assistant
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
Phone: 305.251.0001
Cell: (b) (6)
Fax: 305.251.0039
E-mail: nhill@evergladesfoundation.org

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RE: DC Meetings last week with Nat Reed

Estenoz, Shannon A

Sent: Monday, August 22, 2011 4:48 PM
To: Nancy Hill [nhill@evergladesfoundation.org]; Kirk Fordham [kirkfordham(b) (6)
Cc: darmel@sfrestore.org

Rachel Jacobson is the Acting Assistant Secretary for Fish, Wildlife and Parks.

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Nancy Hill [nhill@evergladesfoundation.org]
Sent: Monday, August 22, 2011 4:20 PM
To: Estenoz, Shannon A; Kirk Fordham
Cc: darmel@sfrestore.org
Subject: DC Meetings last week with Nat Reed

Shannon and Kirk,

Nat Reed is asking for the name of the Assistant Secretary of Interior for Fish, Wildlife and Parks, who you met when you were in DC last week. He mentioned that she dropped by the meeting because she wanted to meet Nat.

Can you please identify her so I can forward her name to him? Thanks very much.

Nancy Hill
Executive Assistant
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
Phone: 305.251.0001
Cell: (b) (6)

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Re: DC Meetings last week with Nat Reed

Nancy Hill [nhill@evergladesfoundation.org]

Sent: Monday, August 22, 2011 5:09 PM

To: Estenoz, Shannon A

Attachments: Screen shot 2011-01-20 at ~1.png (14 KB); ATT00001.txt (98 B)

Thanks so much! Nat will be happy!

On Aug 22, 2011, at 4:48 PM, Estenoz, Shannon A wrote:

> Rachel Jacobson is the Acting Assistant Secretary for Fish, Wildlife and Parks.
>
>
> Shannon Estenoz
> Director, Everglades Restoration Initiatives
> United States Department of the Interior
> c/o South Florida Ecosystem Restoration Task Force
> Florida International University
> 11200 SW 8th Street, OE 165
> Miami, FL 33199
>
> Phone: (305) 348-1665
> Direct Line: (305) 348-1660
> Cell Phone: (b) (6)
> Fax: (305) 348-1667
> shannon_estenoz@ios.doi.gov
> _____
> From: Nancy Hill [nhill@evergladesfoundation.org]
> Sent: Monday, August 22, 2011 4:20 PM
> To: Estenoz, Shannon A; Kirk Fordham
> Cc: darmel@sfrestore.org
> Subject: DC Meetings last week with Nat Reed
>
> Shannon and Kirk,
>
> Nat Reed is asking for the name of the Assistant Secretary of Interior for Fish, Wildlife and Parks, who you met when you were in DC last week. He mentioned that she dropped by the meeting because she wanted to meet Nat.
>
> Can you please identify her so I can forward her name to him? Thanks very much.
>
> Nancy Hill
> Executive Assistant

Reply | Reply to All | Forward

FW: Garrett Wallace - Updated Contact Information

Estenoz, Shannon A

Sent: Monday, August 29, 2011 12:17 PM

To: Kirk Fordham (kfordham@evergladesfoundation.org); lawrence@sfrestore.org

FYI

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Wallace, Garrett [gwallace@sfwmd.gov]
Sent: Monday, August 29, 2011 11:25 AM
To: Estenoz, Shannon A; Jodrey, Donald S; 'Dennis Duke'
Subject: Garrett Wallace - Updated Contact Information

Hello,
Today marks the start of my final week at the South Florida Water Management District. It has been a great nine years here and five years at the St. Johns River Water Management District.

On September 16, 2011, I begin my new opportunity at Alico Incorporated as the Director of Governmental and Regulatory Affairs. My focus will be enhancing Alico's relationships in Washington and some assisting in Tallahassee. We will be also working to enhance our relationships at USDA and working to place more land into perpetual conservation easement programs such as the Wetlands Reserve Program.

I have attached my new business card to hopefully make it easy for you to update my contact information.

As you may already know, your contact at SFWMD is Ernie Barnett and he can be reached at ebarnett@sfwmd.gov or 1-561-951-2840.

Look forward to seeing you soon,
Garrett

Garrett Wallace
South Florida Water Management District

Re: Everglades Explorer | Everglades Ecosystem Restoration--Everglades Foundation

Dr Thomas Van Lent [tvanlent@evergladesfoundation.org]

Sent: Tuesday, August 30, 2011 2:34 PM

To: Theresa Woody [twoody@sfrestore.org]

Cc: Allyn Childress [achildress@sfrestore.org]; Jim Muller [mullerjw@mullerassoc.com]; John Outland [John.Outland@dep.state.fl.us]; Estenoz, Shannon A

Theresa,

The effort there was to focus attention on a small number of higher profile and early projects rather than overwhelm a more casual visitor with the details of the 68 or whatever the current number of projects is in CERP.

The maps listing all of the projects is (a) not really helpful, and (b) distracts from conveying the central strategy for Everglades restoration: take water from Lake O, store it, clean it, and flow it through the Everglades.

Tom

Thomas Van Lent, Ph.D.
Senior Scientist
The Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
(O) 305-251-0001 x 230
(M)(b) (6)
tvanlent@evergladesfoundation.org
www.evergladesfoundation.org

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On Aug 29, 2011, at 2:42 PM, Theresa Woody wrote:

> Greetings all: Here is another interactive map of Everglades restoration. I find it interesting that a just a small list of projects pop up when you click on the projects tab. I'm not sure of the thinking behind this selection. I am copying Tom Van Lent from the Foundation to see if he knows. TW
>
> ---
>
> **From:** Jim Muller [mailto:mullerjw@mullerassoc.com]
> **Sent:** Saturday, August 27, 2011 8:46 AM
> **To:** Outland, John; Sylvia_Pelizza@fws.gov; Theresa Woody
> **Subject:** Everglades Explorer | Everglades Ecosystem Restoration--Everglades Foundation
>
> You may already be aware of this map on the Everglades Foundation web site - passing it

along in case you hadn't seen it.

Jim

http://www.evergladesfoundation.org/pages/everglades-explorer/
--

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Voice 850/668-4905
Fax 850/668-7728
Email mullerjw@mullerassoc.com

Reply | Reply to All | Forward

Thom

Estenoz, Shannon A

Sent: Thursday, September 08, 2011 11:18 AM

To: Kirk Fordham (kfordham@evergladesfoundation.org)

Kirk,

I sent a note to the federal family about Thom and have gotten a flood of requests for Debbie's address, charity preferences, services etc. Do you have any info on that stuff yet?

S

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

Reply | Reply to All | Forward

Fwd: Thom

You replied on 9/8/2011 11:37 AM.

Kirk Fordham [kirkfordham(b) (6)

Sent: Thursday, September 08, 2011 11:32 AM
To: Estenoz, Shannon A

Sent from my iPhone

Begin forwarded message:

> **From:** "Upton, Anna" <aupton@rumberger.com>
> **Date:** September 8, 2011 11:31:01 AM EDT
> **To:** "Kirk Fordham" <kirkfordham(b) (6) >, "Stolba, Pam" <PSTOLBA@rumberger.com>, "Mary Barley" <MBarley(b) (6) >
> **Subject: RE: Thom**
>
> I just got a call from Don Jodrey from Interior passing along his condolences and asking the same thing. Here is the mailing address for Debbie at the farm:
>
> (b) (6)
>
> I don't have any information about charity preferences or service details. I will pass that along as soon as I get it.
>
> ---
>
> **From:** Kirk Fordham [mailto:(b) (6)
> **Sent:** Thursday, September 08, 2011 11:21 AM
> **To:** Stolba, Pam; Upton, Anna; Mary Barley
> **Subject:** Fwd: Thom
>
> I, too, have been asked by board members for the following info. When it is available, please forward along to me.
>
> For now, does anyone have the address for Debbie at the farm?
>
> ---------- Forwarded message ----------
> From: **Estenoz, Shannon A** <Shannon_Estenoz@ios.doi.gov>
> Date: Thu, Sep 8, 2011 at 11:18 AM
> Subject: Thom
> To: "Kirk Fordham (kfordham@evergladesfoundation.org)" <kfordham@evergladesfoundation.org>
>
> Kirk,
>
> I sent a note to the federal family about Thom and have gotten a flood of requests for Debbie's address, charity preferences, services etc. Do you have any info on that stuff yet?

Reply | Reply to All | Forward

RE: Thom

Estenoz, Shannon A

Sent: Thursday, September 08, 2011 11:36 AM
To: Kirk Fordham [kirkfordham(b) (6)

Did Debbie change her name or is she still Harrison?

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Kirk Fordham [kirkfordham(b) (6)]
Sent: Thursday, September 08, 2011 11:32 AM
To: Estenoz, Shannon A
Subject: Fwd: Thom

Sent from my iPhone

Begin forwarded message:

> **From:** "Upton, Anna" <aupton@rumberger.com>
> **Date:** September 8, 2011 11:31:01 AM EDT
> **To:** "Kirk Fordham" <kirkfordham(b) (6) >, "Stolba, Pam" <PSTOLBA@rumberger.com>, "Mary Barley" <MBarley(b) (6) >
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>
> ---
>
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> **Sent:** Thursday, September 08, 2011 11:21 AM
> **To:** Stolba, Pam; Upton, Anna; Mary Barley
> **Subject:** Fwd: Thom

Reply | Reply to All | Forward

Re: Thom

You replied on 9/8/2011 12:03 PM.

Kirk Fordham [kirkfordham(b) (6)

Sent: Thursday, September 08, 2011 12:00 PM
To: Estenoz, Shannon A

Debbie Harrison Rumberger

Sent from my iPhone

On Sep 8, 2011, at 11:37 AM, "Estenoz, Shannon A" <Shannon_Estenoz@ios.doi.gov> wrote:

> Did Debbie change her name or is she still Harrison?
>
> Shannon Estenoz
> Director, Everglades Restoration Initiatives
> United States Department of the Interior
> c/o South Florida Ecosystem Restoration Task Force
> Florida International University
> 11200 SW 8th Street, OE 165
> Miami, FL 33199
>
> Phone: (305) 348-1665
> Direct Line: (305) 348-1660
> Cell Phone: (b) (6)
> Fax: (305) 348-1667
>
> shannon_estenoz@ios.doi.gov
>
> ---
>
> **From:** Kirk Fordham [kirkfordham(b) (6)
> **Sent:** Thursday, September 08, 2011 11:32 AM
> **To:** Estenoz, Shannon A
> **Subject:** Fwd: Thom
>
> Sent from my iPhone
>
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>
> > **From:** "Upton, Anna" <aupton@rumberger.com>
> > **Date:** September 8, 2011 11:31:01 AM EDT
> > **To:** "Kirk Fordham" <kirkfordham(b) (6) >, "Stolba, Pam" <PSTOLBA@rumberger.com>, "Mary Barley" <MBarley@(b) (6) >
> > **Subject: RE: Thom**
> >
> > I just got a call from Don Jodrey from Interior passing along his condolences and asking the same thing. Here is the mailing address for Debbie at the farm:

Reply | Reply to All | Forward

RE: Thom

Estenoz, Shannon A

Sent: Thursday, September 08, 2011 12:03 PM
To: Kirk Fordham [kirkfordham(b) (6)]

got it. Thanks!

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Kirk Fordham [kirkfordham(b) (6)
Sent: Thursday, September 08, 2011 12:00 PM
To: Estenoz, Shannon A
Subject: Re: Thom

Debbie Harrison Rumberger

Sent from my iPhone

On Sep 8, 2011, at 11:37 AM, "Estenoz, Shannon A" <Shannon_Estenoz@ios.doi.gov> wrote:

> Did Debbie change her name or is she still Harrison?
>
> Shannon Estenoz
> Director, Everglades Restoration Initiatives
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> Cell Phone: (b) (6)
> Fax: (305) 348-1667
> shannon_estenoz@ios.doi.gov
>
> ---
>
> **From:** Kirk Fordham [kirkfordham(b) (6)
> **Sent:** Thursday, September 08, 2011 11:32 AM

Reply | Reply to All | Forward

Everglades Foundation Board Dinner and Meeting

You forwarded this message on 9/16/2011 3:27 PM.

Nancy Hill [nhill@evergladesfoundation.org]

Sent: Friday, September 16, 2011 3:18 PM

To: Estenoz, Shannon A

Hello Shannon,

Kirk has indicated that you will be attending our Board Meeting in Naples on November 17th. I wanted to provide you with information and details for the meeting and also to invite you and Richard to join us for the Board Dinner the prior evening, November 16th. I would be happy to assist you with arrangements. Please note that the two events will be held at different locations. A block of hotel rooms has been set aside at each location, or you may make alternative arrangements if you prefer.

EVERGLADES FOUNDATION BOARD DINNER
Wednesday, November 16th, 6:00pm Cocktail Reception, 7:00pm Seated Dinner and Presentation
The Naples Beach Hotel & Golf Club
851 Gulf Shore Blvd North, Naples, FL 34102

A block of rooms has been reserved at the Naples Beach Hotel & Golf Club for Wednesday, November 16 at a rate of $200 + tax for a Resort view room or $240 + tax for a Gulf view room. **Reservations: (800) 455-1546 and mention the Everglades Foundation.**

The BOARD OF DIRECTORS MEETING will be held the following day.
Thursday, November 17th, 8:00am Breakfast followed by the Board meeting at 9:00am.
The Ritz Carlton Beach Resort,
280 Vanderbilt Beach Rd., Naples, Florida 34108

There are rooms blocked there also for the night of November 16th, Coastal View @ $259/night + tax. Reservations must be received before October 16th , 2011 to be guaranteed the group rate. **Reservations: 888.856.4380 and mention the Everglades Foundation.**

I would appreciate your confirming with me when arrangements have been made. Please feel free to contact me if you have any questions or if I may assist further. Thank you.

Nancy Hill
Executive Assistant to Kirk Fordham
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
Phone: 305.251.0001
Fax: 305.251.0039
E-mail: nhill@evergladesfoundation.org

Reply | Reply to All | Forward

Re: Good News!

Kirk Fordham [kirkfordham (b) (6)]

Sent: Tuesday, September 20, 2011 10:31 AM

To: Kimball, Dan

Cc: Paul Jones [Paul.Jones@tudor.com]; Kirk Fordham [kfordham@evergladesfoundation.org];

Outstanding!

Can we keep you permanently at Everglades National Park?

Sent from my iPhone

On Sep 20, 2011, at 8:20 AM, "Dan_Kimball@nps.gov" <Dan_Kimball@nps.gov> wrote:

> Paul/Kirk:
>
> I was just advised that we were able to secure end-of-year funding for both
> a feasibility study & an EA re plugging of the Raulerson, House, & Slagle
> ditches in the Cape Sable area of the Park. We're currently in contracting.
> I'll keep you posted re schedule, findings, cost estimates, etc.
>
> Thanks for your long standing support re our efforts to restore/save Cape
> Sable!!
>
> All the best, Dan
>
> ---
> Dan B. Kimball
> Superintendent
> Everglades & Dry Tortugas National Parks
> National Park Service
> US Department of the Interior
> 40001 State Road 9336
> Homestead, FL 33034-6733
> Office: 305-242-7712; Cell: (b) (6) ; FAX 305-242-7711;
> dan_kimball@nps.gov
> ---
> Sent from my Wireless Handheld
>

Reply | Reply to All | Forward

RE: Please Verify Your Email Address: REPLY to this email.

Estenoz, Shannon A

Sent: Tuesday, September 20, 2011 11:11 AM

To: Paul.Jones-verify-1316527267.7379.1.0.07a7dc5c@tudor.com

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Paul Jones [Paul.Jones@tudor.com]
Sent: Tuesday, September 20, 2011 10:01 AM
To: Estenoz, Shannon A
Subject: Please Verify Your Email Address: REPLY to this email.

Message from The Tudor Sender Verification System on behalf of "Paul Jones"

From your email address, we recognize that this is the first message Tudor has received from you since Tudor Investment Corporation began using Sender Address Verification (SAV).

Your message is very important. Like you, we are very concerned with stopping the proliferation of spam. We have implemented Sender Address Verification (SAV) to ensure that we do not receive unwanted email and to give you the assurance that your messages to me have no chance of being filtered into a bulk mail folder.

By pressing REPLY and SEND to this message your original message will be delivered to the top of my inbox. You need only do this once and all future emails will be recognized and delivered directly to me.

Reply | Reply to All | Forward

Congressional staff tour, Nov 7

Vivian Miller [vmiller@evergladesfoundation.org]

Sent: Monday, October 03, 2011 1:51 PM

To: Estenoz, Shannon A

Attachments: twitter_32.png (1 KB); ATT00001.htm (20 KB); facebook_32.png (952 B); ATT00002.htm (24

Shannon, we are preparing to host another group of staffers for an Everglades tour. On November 7, we will be doing the "Keys" leg of the trip at Ocean Reef. I am attaching a draft itinerary - can you join us?

FYI we have confirmed:
Geoff Bowman, Subcomm. on Water Resources/Enviro
Patrick Dietz from Rep. Rich Nugent's office
Sara Decker from Sen. Marco Rubio's office

Please let me know, thank you!

Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
w 305.251.0001 x233 | c (b) (6)

Everglades Foundation

Congressional Educational Briefings and Site Visits

November 6-9, 2011

Overview:

This is an intensive two-day trip to the greater Everglades ecosystem for key Congressional staff handling environmental legislation affecting this region (Comprehensive Everglades Restoration Plan, Modified Waters Delivery Act, Endangered Species Act, Interior/Energy & Water Appropriations). Currently the federal government, working with the State of Florida, is undertaking the world's largest ecosystem restoration project. A wide range of federal agencies have jurisdiction over various components of this initiative, including: the Department of Interior, the U.S. Army Corps of Engineers, the Environmental Protection Agency and the Fish and Wildlife Service.

The purpose of these briefings and the accompanying site visits is to provide key policymaking staff with an overview of the progress made and the challenges still confronting key federal holdings like Everglades National Park and the Big Cypress National Preserve. Participants will focus on legislative proposals in 2011 that will address these issues.

Travel:

Participants fly to Miami International Airport the evening prior to the first day of briefings and site visits. Air & ground transport, overnight lodging (@ Key Largo Grande Hotel, Key Largo, FL) and meals provided by Everglades Foundation.

Sunday, November 6, 2011:

Depart Washington, DC in the afternoon. Arrive Miami International Airport. Ground transportation to hotel in Key Largo.

7:00pm Dinner Briefing
Everglades Foundation, Conservation Partners, National Park Service

Monday, November 7, 2011:

7:45am	Depart hotel, boxed breakfast on the way to briefing
8:30am	Breakfast Briefing: *Everglades Restoration 101: The Economics of Everglades Restoration and An Introduction to Current Federal Issues Affecting the Greater Everglades Ecosystem* **Everglades Foundation, Conservation Partners**
9:30am	Depart for Site Visits and Aerial Briefing
10:00am	Flyover/Site Visits: ▪ Everglades National Park/Florida Bay ▪ C-111 Canal Project ▪ Tamiami Trail/Modified Waters Delivery Project ▪ Biscayne Bay Coastal Wetlands Project
12:00 noon	Lunch Briefing: *Modified Water Deliveries: Tamiami Trail Bridge Project* **Everglades Foundation, Conservation Partners, National Park Service**
1:00pm	Depart for Florida Bay site visits and briefing
1:30pm	Arrive at marina and board boats (The Nature Conservancy)
2:00pm	Briefing and Site Visits: *Critical Issues Affecting Florida Bay estuary, C-111 Canal Project, Water Resources Development Act Reauthorization* Site visits led by: **Everglades Foundation, Conservation Partners, National Park Service**
4:00pm	Return to marina
4:15pm	Depart for Miami
8:00pm	Dinner Briefing: *Building on 2011 Everglades Restoration Progress: Water Resources Development Act Authorization and Future Goals* **Everglades Foundation, Conservation Partners, National Park Service**

Tuesday, November 8, 2011:

8:00am Depart hotel, boxed breakfast on the way to Everglades National Park

10:00am Arrive at Everglades National Park, board Park Service vehicles

10:30am Tour of Shark Valley Slough
Discussion: *2012 Everglades Appropriations Requests*
Everglades Foundation, Conservation Partners, National Park Service

12:00pm Depart for lunch

12:30pm Big Cypress National Preserve Lunch Briefing:
Expansion/Creation of National Wildlife Refuges & Utilizing USDA Land and Water Conservation Programs
Everglades Foundation, Conservation Partners, National Park Service, USDA

1:30pm Depart on airboats for briefing and site visits: *Comprehensive Everglades Restoration Plan (CERP) and Farm Bill Reauthorization: US Sugar Policy*

Travel on airboats through Shark River Slough. Science briefing on typical Everglades systems like ridge and slough, tree islands, wet prairies, etc.
Everglades Foundation, Conservation Partners, National Park Service

3:30pm Return to dock and depart for hotel

4:30 pm Arrive at Hotel

8:00 pm Dinner Briefing
Everglades Foundation, Conservation Partners, National Park Service, South Florida Water Management District

Overnight at Hotel

Wednesday, November 9, 2011:

Depart to Miami International Airport for flights to DC

Reply | Reply to All | Forward

Fwd: Great work this week!!

You replied on 10/11/2011 3:43 PM.

Kirk Fordham [kirkfordham(b) (6)]

Sent: Tuesday, October 11, 2011 8:48 AM
To: Estenoz, Shannon A

Sent from my iPhone

Begin forwarded message:

> **From:** Nancy Hill <nhill@evergladesfoundation.org>
> **Date:** October 11, 2011 8:36:36 AM EDT
> **To:** Shannon E (b) (6) >
> **Cc:** Kirk Fordham <kirkfordham(b) (6) >
> **Subject: Re: Great work this week!!**
>
> Tuesday after 4pm looks good. Would that work for you, Shannon?
>
> On Oct 10, 2011, at 5:47 PM, Kirk Fordham wrote:
>
> > Yes, let's talk late tomorrow. Nancy will remind me!
> >
> > Sent from my iPhone
> >
> > On Oct 9, 2011, at 10:54 AM, Shannon E <(b) (6) > wrote:
> >
> > > Indeed. On the Central and Southern Glades, I am meeting with Stu/Teets/Bob J and other staff Tuesday morning to figure out what exactly we are rolling out at Task Force. I have added to the agenda a discussion about briefing folks. Let's talk Tuesday late afternoon. On the water quality stuff, I have to defer to EPA/Justice on Amended Determination and to Don on Consent Decree. Do you have any thoughts on briefing those issues that I could share with those guys?
> >
> > ---
> >
> > **From:** Kirk Fordham <kirkfordham(b) (6) >
> > **To:** Shannon E <(b) (6) >
> > **Sent:** Fri, October 7, 2011 7:01:05 PM
> > **Subject:** Great work this week!!
> >
> > We really need to chat about some outreach to enviros.
> > They will quickly spin out of control if someone doesn't

RE: Great work this week!!

Estenoz, Shannon A

Sent: Tuesday, October 11, 2011 3:42 PM
To: Kirk Fordham [kirkfordham(b) (6)]

I'll call from the car after 4.

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667

shannon_estenoz@ios.doi.gov

From: Kirk Fordham [kirkfordham(b) (6)]
Sent: Tuesday, October 11, 2011 8:48 AM
To: Estenoz, Shannon A
Subject: Fwd: Great work this week!!

Sent from my iPhone

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> > > Indeed. On the Central and Southern Glades, I am meeting with Stu/Teets/Bob J and other staff Tuesday morning to figure out

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Sent: Fri, October 7, 2011 7:01:05 PM
Subject: Great work this week!!

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--

Kirk Fordham
CEO, Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, Florida 33157
(305) 251-0001 x227
(b) (6) mobile

www.evergladesfoundation.org

Nancy Hill
Executive Assistant to Kirk Fordham
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
Phone: 305.251.0001
Fax: 305.251.0039
E-mail: nhill@evergladesfoundation.org

www.evergladesfoundation.org
One Mission. One Priority. Restoring America's Everglades.

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Reply | Reply to All | Forward

Fwd: Congressional staff tour, Nov 7

Vivian Miller [vmiller@evergladesfoundation.org]

Sent: Wednesday, October 12, 2011 12:43 PM

To: Estenoz, Shannon A

Cc: Shannon Estenoz [(b) (6)

Attachments: twitter_32.png (1 KB); ATT00001.htm (22 KB); facebook_32.png (952 B); ATT00002.htm (39 KB); twitter_32.png (1 KB); ATT00003.htm (20 KB); facebook_32.png (952 B); ATT00004.htm

Shannon, hope all is well. I am very encouraged by the recent news re: your recent meeting with Gov. Scott. Fingers crossed for the future.

Just checking in to see if you can join us for this briefing. Please let me know when you have a moment.

Many thanks,

Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
w 305.251.0001 x233 | c (b) (6)

Everglades Foundation

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1:00pm Depart for Florida Bay site visits and briefing

1:30pm Arrive at marina and board boats (The Nature Conservancy)

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Site visits led by: **Everglades Foundation, Conservation Partners, National Park Service**

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12:30pm Big Cypress National Preserve Lunch Briefing:
Expansion/Creation of National Wildlife Refuges & Utilizing USDA Land and Water Conservation Programs
Everglades Foundation, Conservation Partners, National Park Service, USDA

1:30pm Depart on airboats for briefing and site visits: *Comprehensive Everglades Restoration Plan (CERP) and Farm Bill Reauthorization: US Sugar Policy*

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Everglades Foundation, Conservation Partners, National Park Service

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4:30 pm Arrive at Hotel

8:00 pm Dinner Briefing
Everglades Foundation, Conservation Partners, National Park Service, South Florida Water Management District

Overnight at Hotel

Wednesday, November 9, 2011:

Depart to Miami International Airport for flights to DC

Reply | Reply to All | Forward

SEJ Panel on Saturday

Estenoz, Shannon A

Sent: Monday, October 17, 2011 12:25 PM

To: Kirk Fordham (kfordham@evergladesfoundation.org)

Kirk,

Are you on the same panel at SEJ Saturday morning that I am on? If so, what are you planning to do and say? I don't need a powerpoint presentation do I?

S

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

Reply | Reply to All | Forward

Re: SEJ Panel on Saturday

You replied on 10/17/2011 12:57 PM.

Kirk Fordham [kirkfordham(b) (6)]

Sent: Monday, October 17, 2011 12:45 PM
To: Estenoz, Shannon A

Is this the one with Pepe Fanjul?

If so, is he even confirmed?

I don't think we need a power point presentation.

However should we bring general maps to reference and/or project?

On Mon, Oct 17, 2011 at 12:25 PM, Estenoz, Shannon A <Shannon_Estenoz@ios.doi.gov> wrote:

> Kirk,
>
> Are you on the same panel at SEJ Saturday morning that I am on? If so, what are you planning to do and say? I don't need a powerpoint presentation do I?
>
> S
>
> Shannon Estenoz
> Director, Everglades Restoration Initiatives
> United States Department of the Interior
> c/o South Florida Ecosystem Restoration Task Force
> Florida International University
> 11200 SW 8th Street, OE 165
> Miami, FL 33199
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> Phone: (305) 348-1665
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> Fax: (305) 348-1667
>
> shannon_estenoz@ios.doi.gov

--
Kirk Fordham
CEO, Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, Florida 33157
(305) 251-0001 x227
(b) (6) mobile

Reply | Reply to All | Forward

RE: SEJ Panel on Saturday

Estenoz, Shannon A

Sent: Monday, October 17, 2011 12:55 PM
To: Kirk Fordham [kirkfordham(b) (6)

Yes maybe. Last time I heard from Jeff Burnside neither Pepe nor Crist had responded. They've also invited Dexter. I am not sure what they want us to talk about.

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Kirk Fordham [kirkfordham(b) (6)
Sent: Monday, October 17, 2011 12:45 PM
To: Estenoz, Shannon A
Subject: Re: SEJ Panel on Saturday

Is this the one with Pepe Fanjul?

If so, is he even confirmed?

I don't think we need a power point presentation.

However should we bring general maps to reference and/or project?

On Mon, Oct 17, 2011 at 12:25 PM, Estenoz, Shannon A <Shannon_Estenoz@ios.doi.gov> wrote:

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Reply | Reply to All | Forward

Re: SEJ Panel on Saturday

You replied on 10/17/2011 1:35 PM.

Kirk Fordham [kirkfordham(b) (6)]

Sent: Monday, October 17, 2011 12:59 PM
To: Estenoz, Shannon A

I haven't had a conversation with him or anyone at the conference. Let me ask Jerry to see if he can set up a pre-call for at least the two of us!

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RE: SEJ Panel on Saturday

Estenoz, Shannon A

Sent: Monday, October 17, 2011 1:34 PM
To: Kirk Fordham [kirkfordham(b) (6)]

Maybe they will cancel the panel. That would actually be a good result for me. :)

Shannon Estenoz
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Question about your board meeting

Estenoz, Shannon A

Sent: Monday, October 17, 2011 12:27 PM

To: Kirk Fordham (kfordham@evergladesfoundation.org)

Kirk,

I am scheduled to come to the board meeting in Naples in November. What are you looking for me to cover? And is there any reason Bob Johnson should come with me?

S
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Reply | Reply to All | Forward

Re: Question about your board meeting

You replied on 10/17/2011 1:01 PM.

Kirk Fordham [kirkfordham(b) (6)

Sent: Monday, October 17, 2011 12:53 PM
To: Estenoz, Shannon A

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The focus should be on:

- current status of water quality negotiations (whatever you are permitted to share at that point)
- guidance on strategic directions (what are the desired outcomes? on what should the Foundation be focusing? how should we be exerting our influence? etc.)
- what are the biggest challenges facing the Central Everglades planning process? how should the Foundation engage to keep it on track and on schedule?
- where should the Foundation be exerting their political influence?

I would briefly reflect on current progress on CERP (with projects under construction) to demonstrate forward movement. Then, we focus on next big opportunities with water quality and Central Ev Planning process.

To make it interesting to those board members who aren't technocrats, throw in a few interesting anecdotes (how was Scott in meeting? was he well prepared? how did Obama folks react to him? dynamics of the meetings, politics, etc.)

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RE: Question about your board meeting

Estenoz, Shannon A

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To: Kirk Fordham [kirkfordham(b) (6)]

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Sent: Monday, October 17, 2011 1:12 PM
To: Estenoz, Shannon A

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RE: Question about your board meeting

Estenoz, Shannon A

Sent: Monday, October 17, 2011 1:32 PM
To: Kirk Fordham [kirkfordham(b) (6)

Probably not, because we've got TVL. I do think that Bob should join me whenever I talk to the enviros.

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> **From:** Kirk Fordham [kirkfordham(b) (6)

Reply | Reply to All | Forward

Re: Question about your board meeting

You replied on 10/17/2011 3:38 PM.

Kirk Fordham [kirkfordham(b) (6)]

Sent: Monday, October 17, 2011 3:20 PM
To: Estenoz, Shannon A

10-4.

But you are more credible to enviros...and a much better presenter.

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RE: Question about your board meeting

Estenoz, Shannon A

Sent: Monday, October 17, 2011 3:38 PM
To: Kirk Fordham [kirkfordham(b) (6)

right. ok.

Shannon Estenoz
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>
> **From:** Kirk Fordham [kirkfordham(b) (6)]

Reply | Reply to All | Forward

Re: Transport plan

Kirk Fordham [kirkfordham(b) (6)]

Sent: Tuesday, October 18, 2011 10:03 AM
To: Estenoz, Shannon A
Cc: Burger, Kevin; Jodrey, Donald S;(b) (6) darmel@sfrestore.org; kfordham@evergladesfoundation.org

We will be at the Intercontinental at 7:30! Thanks for arranging this!

Sent from my iPhone

On Oct 18, 2011, at 8:21 AM, "Estenoz, Shannon A" <Shannon_Estenoz@ios.doi.gov> wrote:

> This is a great plan. Thanks so much Kevin. I've copied Kirk so that he knows who is taking him to the dance and who is bringing him home. Kirk, "the foursome" here is you, Jim, Carlos and Don on the way there and you, Jim, Carlos and me on the way back.
>
> **From:** Burger, Kevin
> **Sent:** Tuesday, October 18, 2011 09:01 AM
> **To:** Jodrey, Donald S; Estenoz, Shannon A
> **Cc:** (b) (6) ; (b) (6) ; darmel@sfrestore.org <darmel@sfrestore.org>
>
> **Subject:** Transport plan
>
> Shannon/Don:
>
> Ok so here is my tentative transport plan for Thursday 10/20/2011:
>
> Part 1:
> Jose Cabaleiro will pick up the foursome including Don at the Intercontinental hotel at 730 AM sharp on Thursday morning in our Chevy Uplander and he will have directions to the site and a tour itinerary. At the conclusion of the tour, Jose will then drive Shannon and everyone minus Don back to the InterContinental.
>
> Part 2:
> I will meet up with you at the site at 1000 AM in our Ford Explorer and be the one responsible to get Don to the airport on time for his 1230 PM flight. To insure Don makes his flight, we will need to leave the site no later than 1100 AM. Don will be responsible to pay all tickets I incur in expediting his transport to MIA!
>
> Let me know if this plan is acceptable for both of you.
>
> KB

Fw: Speaker Invite: Everglades Panel for Society of Environmental Journalists Conference

Estenoz, Shannon A

Sent: Tuesday, October 18, 2011 3:38 PM

To: kfordham@evergladesfoundation.org

From: Burnside, Jeff (NBCUniversal, WTVJ) [mailto:Jeff.Burnside@nbcuni.com]
Sent: Tuesday, October 18, 2011 03:19 PM
To: dlehtinen@tewlaw.com <dlehtinen@tewlaw.com>; mcpelaez82(b) (6) <mcpelaez82(b) (6) ; mputney@wplg.com <mputney@wplg.com>; Estenoz, Shannon A
Subject: Re: Speaker Invite: Everglades Panel for Society of Environmental Journalists Conference

Dexter,

It'll be good to have you join Michael's panel.

Jeff Burnside
SEJ Conference Chair

Sent from my BlackBerry Wireless Handheld

From: Dexter Lehtinen <dlehtinen@tewlaw.com>
To: Melissa Pelaez <mcpelaez82(b) (6)
Cc: Burnside, Jeff (NBCUniversal, WTVJ)
Sent: Tue Oct 18 14:59:54 2011
Subject: RE: Speaker Invite: Everglades Panel for Society of Environmental Journalists Conference

Dear Melissa –

I would be happy to appear on the Saturday panel (9:00 am) regarding the Everglades, at the SEJ conference, if the invitation is still open. Please accept my apologies for the delay in responding.

Thanks again.

Dexter Lehtinen

From: Melissa Pelaez [mailto:mcpelaez82(b) (6) |
Sent: Thursday, October 13, 2011 5:23 PM
To: Dexter Lehtinen
Cc: jeff.burnside
Subject: Speaker Invite: Everglades Panel for Society of Environmental Journalists Conference

Mr. Lehtinen,

Greetings! I am contacting you on behalf of Jeff Burnside from NBC Miami and chairman of SEJ. The Society of Environmental Journalists will have their 21st annual conference here in Miami next week (Oct. 19-23). It is going to be one of the biggest environmental conferences held with many important government and nonprofit institutions, as well as advocates for environmental protection such as the

Cousteau clan who will be premiering an upcoming movie at the conference. It would be an honor to have you, whom lead the battle for the restoration of the Everglades, speak at the SEJ conference on the Everglades panel. I have pasted the details of that specific panel below on this email, you can also visit www.sej.org for more details on the conference. The Everglades panel is Saturday Oct. 22nd, 9am - 10:30am at the Intercontinental in Miami. Please, let us know if you are available. We hope to have you there!

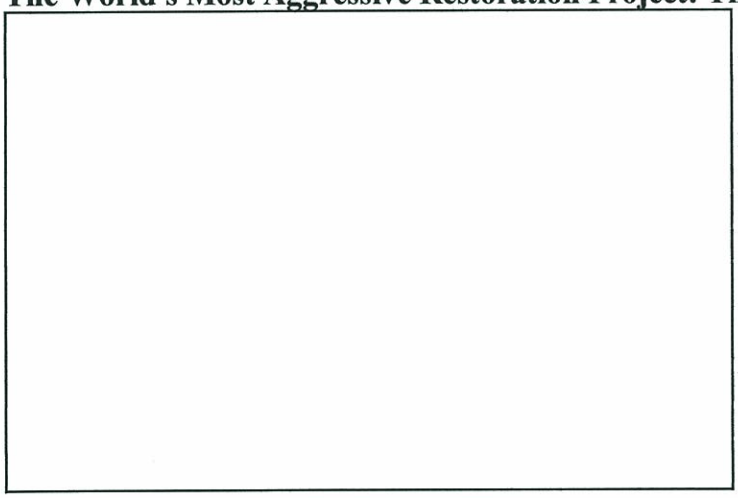
Best Regards,

Melissa Pelaez

--
Melissa C. Pelaez
SEJ Conference Assistant
(786) 417-9919
mcpelaez82(b) (6)

Saturday 9am-10:30am Oct. 22 InterContinental

The World's Most Aggressive Restoration Project: The Everglades



The late journalist Marjory Stoneman Douglas said "The Everglades is a test. If we pass it, we may get to keep the planet." It's a truly incredible place. Restoring what remains of the Everglades is in progress, while costing well over $10 billion and rising. But the coalition of interest groups that launched the grandest environmental restoration project demonstrated the economic as well as environmental benefits. New budget fights — tinged with political viewpoints — are threatening continued funding at the state and federal level. Presidential candidate Michele Bachmann proposed drilling for oil in the Everglades. This fiery panel will dissect the latest twists and turns on this planetary test.

Moderator: **Michael Putney,** Journalist, WPLG ABC Miami; and Columnist, *Miami Herald*

Speakers:
Shannon Estenoz, Director, Everglades Restoration Initiatives, U.S. Department of the Interior
Kirk Fordham, Chief Executive Officer, Everglades Foundation
Charlie Crist, former Florida Governor (invited)
Pepe Fanjul, Florida Crystals (invited)
Dexter Lehtinen, former U.S. Attorney and former Miccosukee Indian tribe counsel (invited)

Room: Escorial

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Fwd: Barley Call - Friday, October 21, 2011 - 9:00 AM - 10:00 AM - Call time is earlier

You replied on 10/21/2011 9:00 AM.

Nancy Hill [nhill@evergladesfoundation.org]

Sent: Thursday, October 20, 2011 5:35 PM

To: Estenoz, Shannon A

Hi Shannon,

I wanted to be sure you got this agenda with the call-in #.

It was a pleasure having meeting you in person last night at the SEJ dinner. So much nicer when you can put a face with a name!

Thanks,
Nancy

Begin forwarded message:

From: Gloria Calle <gcalle@evergladesfoundation.org>
Date: October 20, 2011 5:29:10 PM EDT
Subject: Barley Call - Friday, October 21, 2011 - 9:00 AM - 10:00 AM - Call time is earlier

The call time for this conference called has been rescheduled to start at 9: 00 AM. Any other Agenda topics will be conveyed as they become available.

October 21, 2011

BARLEY GROUP CALL

9:00 a.m. Teleconference

NEW CALL IN NUMBER

Call In Number: (b) (4) **Passcode:** (b) (4)

AGENDA

At 9:00am we will have a special guest join us for the Barley call to discuss the proposed state Everglades water quality plan*

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Nathaniel Reed (b) (6)]

Sent: Friday, October 28, 2011 12:03 PM
To: Jacobson, Rachel L
Cc: Estenoz, Shannon A; Alfred.A.Pantano@usace.army.mil; Meeker Melissa [mmeeker@sfwmd.gov]

Date: October 28, 2011
To: Rachel Jacobson, Acting Assistant Secretary of the Department of Interior for Fish, Wildlife and National Parks
From: Nathaniel Reed

I want to thank you for your kind introduction, beyond the call!

I want to congratulate you on managing the South Florida Ecosystem Restoration Task Force meeting with a firm hand and consummate skill.

It was an outstanding effort and hopefully the Corps can manage itself to reach the time lines that were proposed. The Jacksonville District office has some 'superstars' and some undertrained staff unfamiliar with the bold actions that are needed south of the lake to accelerate restoration goals.

Colonel Pantano is the key man. He is a 'driving force' and a determined man who will make every effort to keep the effort on target.

With Interior's support, we should expect renewed activity after a period where the restoration effort seemed to 'languish'.

Working with Shannon, who knows the 'players', you should be able to keep the Secretary and the leadership of the Environmental Protection Agency, the Justice Department, CEQ, and the Department of Agriculture together as a team.

I have no way of knowing what problems will jump up unrepentantly to face the effort, but I am confident that you are totally committed and well up to date with the opportunities that exist despite a non-functioning Congress.

With special best wishes, Nathaniel

cc: Shannon Estenoz
Colonel Pantano
Melissa Meeker

Office of Nathaniel P. Reed
(b) (6)

(b) (6) Fax (b) (6)
NEW EMAIL: (b) (6)
http://nathanielpreed.blogspot.com/

Reply | Reply to All | Forward

We should talk tomorrow

Estenoz, Shannon A

Sent: Thursday, October 27, 2011 10:29 PM

To: 'kfordham@evergladesfoundation.org'

Are you free in the late afternoon?

Reply | Reply to All | Forward

Re: We should talk tomorrow

You replied on 10/28/2011 12:29 PM.

Kirk Fordham [kirkfordham(b) (6)]

Sent: Friday, October 28, 2011 10:23 AM
To: Estenoz, Shannon A

Yes indeed. What time work for you? 4:30?

On Thu, Oct 27, 2011 at 10:29 PM, Estenoz, Shannon A <Shannon_Estenoz@ios.doi.gov> wrote:

> Are you free in the late afternoon?

--
Kirk Fordham
CEO, Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, Florida 33157
(305) 251-0001 x227
(b) (6) mobile

www.evergladesfoundation.org

Reply | Reply to All | Forward

Re: We should talk tomorrow

Estenoz, Shannon A

Sent: Friday, October 28, 2011 12:29 PM
To: 'kirkfordham(b) (6)

Sounds good.

From: Kirk Fordham [mailto:kirkfordham(b) (6)]
Sent: Friday, October 28, 2011 10:23 AM
To: Estenoz, Shannon A
Subject: Re: We should talk tomorrow

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Reply | Reply to All | Forward

I'm running a little late

Estenoz, Shannon A

Sent: Friday, October 28, 2011 4:50 PM

To: 'kfordham@evergladesfoundation.org'

Will call in a few minutes.

Reply | Reply to All | Forward

Nathaniel Reed (b) (6)]

Sent: Friday, October 28, 2011 12:31 PM

To: Meeker Melissa [mmeeker@sfwmd.gov]

Cc: Jacobson, Rachel L; Alfred.A.Pantano@usace.army.mil; Estenoz, Shannon A

Date: October 28, 2011
To: Melissa Meeker
From: Nathaniel Reed

I thought the task force meeting was fascinating and well managed by all concerned. You are an impressive leader with an extensive background on the issues that are critical to flood control, irrigation and clean water needed in the everglades ecosystem.

The rumor mill has produced a scenario that you have visited the Department of Interior in an effort to avoid the proposed new Biological Opinion on the status of the highly endangered everglades kite so that the district can gain approval of additional pumps placed on the levee.

Everyone associated with the former Biological Opinion knows that the opinion was 'flawed' due to the use of long-term weather records that do not mimic current weather conditions.

It is past time that a new Biological Opinion be prepared and that water level management is critical not only to the highly endangered everglades kite, but to a range of issues impacting Lake Okeechobee.

I am deeply concerned that the issuance of a permit to allow over the dike pumping for the EAA plantation owners is resulting in the repetition of who has primacy over the lake's water. I would prefer severe reductions in water releases starting now and a major effort to control usage to a late spring announcement that severe drought has 'forced the district' to seek permits to add additional pumps which invariably will lower the lake and benefit a small group of users.

I urge careful consideration of a request for permits regardless of the threat of significant drought.

With every best wish, Nathaniel

cc: Secretary Herschel Vinyard
Assistant Secretary Rachel Jacobson
Colonel Al Pantano
Shannon Estenoz

Office of Nathaniel P. Reed
(b) (6)

(b) (6) Fax (b) (6)
NEW EMAIL: r(b) (6)
http://nathanielpreed.blogspot.com/

Reply | Reply to All | Forward

Nathaniel Reed [(b) (6)]
Sent: Monday, October 31, 2011 10:14 AM
To: Estenoz, Shannon A
Cc: Fordham Kirk [kirkfordham(b) (6)]; Van Lent Tom [tvanlent@evergladesfoundation.org]

Shannon, my only sadness at the WRAC meeting was a brief conversation with Chris McVey. I just cannot believe the NPS or one of the universities in south Florida have not jumped at the opportunity to engage Chris, as he is one of the truly great repositories of everglades information alive.

Rumor has it that he may be able to join Dan and Bob or even you. I just want to put a plug in for Chris who I have known and admired for years.

He has trampled on some important feet within the District by telling the truth, something that several directors and senior staff members have not wanted to hear.

Chris is simply too valuable to lose.

Special best wishes, Nathaniel

cc: Kirk Fordham
Dr. Tom Van Lent

Office of Nathaniel P. Reed
(b) (6)

(b) (6) Fax (b) (6)
NEW EMAIL: (b) (6)
http://nathanielpreed.blogspot.com/

Reply | Reply to All | Forward

bcc

Nathaniel Reed [(b) (6)]

Sent: Monday, October 31, 2011 2:17 PM

To: Estenoz, Shannon A

Attachments: 20111031140816535.pdf (42 KB) [Open as Web Page]

Office of Nathaniel P. Reed
(b) (6)

(b) (6) Fax (b) (6)
NEW EMAIL: (b) (6)
http://nathanielpreed.blogspot.com/

(b) (6)

NATHANIEL P. REED

(b) (6)

PHONI

FAX ((b) (6)

October 31, 2011

Honorable Jo-Ellen Darcy
Assistant Secretary of the Army (Civil Works)
108 Army Pentagon
Washington, DC 20310-0108

Dear Secretary Darcy,

I am so very pleased to have shared a moment with you at the District taskforce meeting. Your presence was really important, far more important than you might believe. It was evidence to the 'doubters' that the Obama Administration means to accelerate the process and prepare for the next steps in the restoration of the everglades ecosystem.

The schedule is very tight and has the all-important feature of benchmarks along the way to give you and senior staff the key information on progress or problems that need acute attention.

Colonel Pantano is a superb "driver" and I have every reason to believe that the new format will move the process forward with a new sense of urgency.

I can only hope that the Congress will be supportive.

Again, thank you for making the effort to join us and bringing us a solid commitment that the bureaucratic maze that has hampered restoration is going to be modified, significantly modified to accelerate the planning process.

Please give my special best wishes to Rock!

Sincerely,

Nathaniel Reed

Reply | Reply to All | Forward

Request for Everglades Meeting

Nancy Hill [nhill@evergladesfoundation.org]

Sent: Tuesday, November 01, 2011 4:11 PM
To: Estenoz, Shannon A
Cc: Kirk Fordham [kirkfordham(b) (6) ; Dawn Armel [darmel@sfrestore.org]
Attachments: Screen shot 2011-01-20 at ~1.png (14 KB); ATT00001.txt (762 B)

Hi Shannon,

Kirk has asked me to set up a meeting at our office with you and Christopher Buckley from our Board of Directors, and possibly Mary Barley as well. Would you be available sometime after 11am on Tuesday, November 15th? That day works best for Mr. Buckley, but Wednesday, November 30th is also an option, though I expect the preference is earlier rather than later.

Could you please let me know what may work for you and I will schedule and confirm with the others?

Thank you,
Nancy

Nancy Hill
Executive Assistant to Kirk Fordham
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
Phone: 305.251.0001
Fax: 305.251.0039
E-mail: nhill@evergladesfoundation.org

Reply | Reply to All | Forward

Duda US Sugar

Kirk Fordham [kirkfordham(b) (6)

Sent: Wednesday, November 02, 2011 6:38 PM

To: Estenoz, Shannon A

http://www.palmbeachpost.com/money/u-s-sugar-to-acquire-dudas-sugar-cane-1947339.html

--

Kirk Fordham
CEO, Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, Florida 33157
(305) 251-0001 x227
(b) (6) mobile

www.evergladesfoundation.org

Reply | Reply to All | Forward

When you return

You replied on 11/6/2011 4:58 PM.

Kirk Fordham [kirkfordham(b) (6)]

Sent: Friday, November 04, 2011 1:13 PM
To: Estenoz, Shannon A

Two things:

1) Bill Riley would like to speak with you: (b) (6)
2) Let's discuss a NYTimes editorial from Bill Semple.

--
Kirk Fordham
CEO, Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, Florida 33157
(305) 251-0001 x227
(b) (6) mobile

www.evergladesfoundation.org

Reply | Reply to All | Forward

Re: When you return

Estenoz, Shannon A

Sent: Sunday, November 06, 2011 4:58 PM
To: 'kirkfordham(b) (6)

Ok. Ill call Bill tomorrow.

From: Kirk Fordham [mailto:kirkfordham(b) (6)
Sent: Friday, November 04, 2011 12:13 PM
To: Estenoz, Shannon A
Subject: When you return

Two things:

1) Bill Riley would like to speak with you:(b) (6)
2) Let's discuss a NYTimes editorial from Bill Semple.

--
Kirk Fordham
CEO, Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, Florida 33157
(305) 251-0001 x227
(b) (6) mobile

www.evergladesfoundation.org

Reply | Reply to All | Forward

Fwd: Request for Everglades Meeting

This message was sent with High importance.

Nancy Hill [nhill@evergladesfoundation.org]

Sent: Monday, November 07, 2011 9:48 AM
To: Estenoz, Shannon A; Dawn Armel [darmel@sfrestore.org]
Cc: Kirk Fordham [kirkfordham(b) (6)

Shannon and Dawn,

Can you please give me an idea if this November 15th date and time will work for you for this meeting? I need to provide our board member, Chris Buckley with a response. Thank you,

Begin forwarded message:

From: Nancy Hill <nhill@evergladesfoundation.org>
Date: November 1, 2011 4:11:40 PM EDT
To: Shannon Estenoz <shannon_estenoz@ios.doi.gov>
Cc: Kirk Fordham <kirkfordham(b) (6) >, Dawn Armel <darmel@sfrestore.org>
Subject: Request for Everglades Meeting

Hi Shannon,

Kirk has asked me to set up a meeting at our office with you and Christopher Buckley from our Board of Directors, and possibly Mary Barley as well. Would you be available sometime after 11am on Tuesday, November 15th? That day works best for Mr. Buckley, but Wednesday, November 30th is also an option, though I expect the preference is earlier rather than later.

Could you please let me know what may work for you and I will schedule and confirm with the others?

Thank you,
Nancy

Nancy Hill
Executive Assistant to Kirk Fordham
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
Phone: 305.251.0001
Fax: 305.251.0039
E-mail: nhill@evergladesfoundation.org

Reply | Reply to All | Forward

Chat today?

Estenoz, Shannon A

Sent: Tuesday, November 08, 2011 7:57 AM

To: Kirk Fordham (kfordham@evergladesfoundation.org)

I have a couple of things I need to run by you.

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

Reply | Reply to All | Forward

Mike Collins

You replied on 11/8/2011 11:56 AM.

Kirk Fordham [kirkfordham(b) (6)

Sent: Tuesday, November 08, 2011 11:44 AM

To: Julie Hill-Gabriel [jhill-gabriel@audubon.org]; Estenoz, Shannon A; Jane Graham [jgraham@audubon.org]

Has he been appointed yet to WRAC?

Sent from my iPhone

Reply | Reply to All | Forward

Re: Mike Collins

Estenoz, Shannon A

Sent: Tuesday, November 08, 2011 11:55 AM

To: 'kirkfordham@(b) (6)

I believe so.

----- Original Message -----
From: Kirk Fordham [mailto:kirkfordham(b) (6)
Sent: Tuesday, November 08, 2011 11:44 AM
To: Julie Hill-Gabriel <jhill-gabriel@audubon.org>; Estenoz, Shannon A; Jane Graham <jgraham@audubon.org>
Subject: Mike Collins

Has he been appointed yet to WRAC?

Sent from my iPhone

Reply | Reply to All | Forward

Re: Mike Collins

You replied on 11/8/2011 12:16 PM.

Kirk Fordham [kirkfordham(b) (6)

Sent: Tuesday, November 08, 2011 12:00 PM

To: Estenoz, Shannon A

Does he have to be approved by gov board?

Sent from my iPhone

On Nov 8, 2011, at 11:56 AM, "Estenoz, Shannon A" <Shannon_Estenoz@ios.doi.gov> wrote:

> I believe so.
>
> ----- Original Message -----
> From: Kirk Fordham [mailto:kirkfordham(b) (6)
> Sent: Tuesday, November 08, 2011 11:44 AM
> To: Julie Hill-Gabriel <jhill-gabriel@audubon.org>; Estenoz, Shannon A; Jane Graham <jgraham@audubon.org>
> Subject: Mike Collins
>
> Has he been appointed yet to WRAC?
>
> Sent from my iPhone

Reply | Reply to All | Forward

Re: Mike Collins

Estenoz, Shannon A

Sent: Tuesday, November 08, 2011 12:16 PM

To: 'kirkfordham(b) (6)

Don't know if that already happened last month or if its happening day after tomorrow.

----- Original Message -----
From: Kirk Fordham [mailto:kirkfordhan(b) (6)
Sent: Tuesday, November 08, 2011 12:00 PM
To: Estenoz, Shannon A
Subject: Re: Mike Collins

Does he have to be approved by gov board?

Sent from my iPhone

On Nov 8, 2011, at 11:56 AM, "Estenoz, Shannon A" <Shannon_Estenoz@ios.doi.gov> wrote:

> I believe so.
>
> ----- Original Message -----
> From: Kirk Fordham [mailto:kirkfordham(b) (6)
> Sent: Tuesday, November 08, 2011 11:44 AM
> To: Julie Hill-Gabriel <jhill-gabriel@audubon.org>; Estenoz, Shannon A; Jane Graham <jgraham@audubon.org>
> Subject: Mike Collins
>
> Has he been appointed yet to WRAC?
>
> Sent from my iPhone

Fwd: senate bill 1400 gulf restoration

Kirk Fordham [kirkfordham(b) (6)]

Sent: Wednesday, November 09, 2011 1:34 PM

To: Estenoz, Shannon A

Sent from my iPhone

Begin forwarded message:

> **From:** Fowler West <FWest@cwdc.com>
> **Date:** November 9, 2011 1:29:25 PM EST
> **To:** Manley Fuller <(b) (6) >
> **Cc:** Kirk Fordham <kirkfordham(b) (6) >
> **Subject: RE: senate bill 1400 gulf restoration**
>
> Manley and Kirk: Sara Gonzales-Rothi of Nelson's office does not think Leadership plans to move the bill. There seems to be some push-back from the Senate Commerce Committee that wants to assert jurisdiction.
>
> Sara said there is a meeting today of staff of the Co-sponsors of the bill (all Gulf State Senators, except Cornyn of Texas, to explore ideas on how to move the bill.
>
> Sara will keep me posted with any ideas of how we might be helpful. fowler
>
> -----Original Message-----
> From: Manley Fuller [mailto:(b) (6)]
> Sent: Wednesday, November 09, 2011 12:41 PM
> To: Fowler West
> Subject: Re: senate bill 1400 gulf restoration
>
> thanks Manley
>
> On Wed, Nov 9, 2011 at 12:34 PM, Fowler West <FWest@cwdc.com> wrote:
>
> > I have a call in for Sara Gonzales-Rothi in Nelson's office. I will ask her to bring us up to date. Unfortunately, the Senate seems to be unable to pass the most worthy of bills. I know they want to pass the bill. fowler
> >
> > -----Original Message-----
> >
> > From: Manley Fuller [mailto:wildfed(b) (6)]
> >
> > Sent: Wednesday, November 09, 2011 12:23 PM
> >
> > To: kfordham@evergladesfoundation.org; Fowler West; Jay Liles

Subject: senate bill 1400 gulf restoration

Jay and i have been working on behalf of this legislation with National Wildlife Federation etc.We recently met with Pete Michell and the legislation is slogging along slowly in the Senate.Kirk and Fowler i suspect you are tracking this . Recognizing a lot of the revenue from this legislation would go to northern Gulf region most directly impacted by the spill, do you all see that we could get assistance from this source to benefit Everglades restoration for those areas draining into the Gulf of Mexico and the Florida Keys?If you all see potential benefits from this legislation lets team up on this . Manley

--

Manley K. Fuller, President

Florida Wildlife Federation

PO BOX 6870

Tallahassee, FL 32301

(850) 656-7113 (Office)

(850) 942-4431 (Fax)

www.fwfonline.org (Website)

(b) (6)

--

Manley K. Fuller, President

Florida Wildlife Federation

PO BOX 6870
Tallahassee, FL 32301

(850) 656-7113 (Office)
(850) 942-4431 (Fax)
www.fwfonline.org (Website)
(b) (6)

Reply | Reply to All | Forward

Estenoz, Shannon A

Sent: Monday, November 14, 2011 10:37 AM
To: tvanlent@evergladesfoundation.org
Attachments: Knecht.pdf (133 KB) [Open as Web Page]

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

NOV 10 2011

Mr. Greg Knecht
Director, Office of Ecosystem Projects
Florida Department of Environmental Protection
3900 Commonwealth Boulevard
Tallahassee, Florida 32399

Dear Mr.Knecht:

The United States Environmental Protection Agency is appreciative of the new proposal by the South Florida Water Management District (District) for additional water quality treatment projects to meet the phosphorus water quality criterion throughout the Everglades. As you know, in our Amended Determination, the EPA provided the State the opportunity to submit to the EPA an alternative set of projects for meeting the water quality-based effluent limit (WQBEL). Having received that proposal, the EPA, in consultation with experts at the Department of Interior, is currently reviewing the proposal to determine if the proposed set of projects will reasonably assure attainment of the WQBEL for discharges from all Stormwater Treatment Areas (STAs) to the Everglades. The technical review of the proposal is a top priority, and we are making every effort to complete our review in the shortest time possible using the best available scientific information.

The projects proposed by the State for implementation are significantly different from those in the EPA's Amended Determination. As we understand the proposal, for the Eastern Flow Path, the State is proposing 4,700 acres of STA combined with a water storage reservoir (45,000 acre-feet) rather than 15,000 acres of STA proposed by the EPA. The EPA's modeling also indicated that a 1,700-acre water storage reservoir would require 8,000 acres of STA. In the Central Flow Path, the State is proposing a 15,000-acre shallow water storage reservoir (54,000 acre-feet) called a flow equalization basin (FEB) rather than the 15,600-acre STA proposed by the EPA. For the Western Flow Path, the State is proposing 1,900 acres of STA rather than a 7,000-acre FEB proposed by the EPA. Many of these differences are related to key modeling assumptions that are different from the assumptions made by the EPA in the modeling to support the Amended Determination. Given these significant differences between the two sets of proposals, the EPA must carefully evaluate the technical basis for the State's projects to understand the differences and to determine whether the State's projects will meet the WQBEL.

The State's continued help in understanding the technical approach and the differences in the assumptions is key to the EPA's understanding of the effectiveness of project design in meeting the WQBEL. Our recent teleconferences have been productive, and the EPA is committed to continuing this

open dialogue with the State as we make progress in our review of the State's proposal. The District has recently been very helpful in providing data and information to the EPA for our analysis, and we look forward to the continued exchange of information between our technical staffs.

In order to complete our review, the EPA has requested that the District provide additional data and information listed below to assure the modeling output is predicting the STA outflow concentrations with as much accuracy as possible based on the most current information. The current model used by the EPA for the Amended Determination and by the District in designing the current proposed projects includes STA performance data through 2005. There are critical information and data through 2011 (flow, concentrations, depths, vegetation) on STA performance that are still needed for the EPA to complete our review. These data are primarily related to the submerged aquatic vegetation (SAV) cells that provide the final water quality polishing to meet the low limits of the WQBEL. Much of the SAV cell data were collected after 2005 and are not currently incorporated into the model. This data request was provided in an email dated October 18, 2011, from Dan Scheidt (EPA) to Jeremy McBryan (South Florida Waste Management District (SFWMD)) and discussed on our recent technical calls on November 7 and 8, 2011. We need this data as soon as possible to expedite our review.

1.) Daily data for each STA cell: The District produces weekly performance reports for all STAs and distributes them to stakeholders. These are generated from unpublished District databases containing daily values for flow, TP concentration, and water depths for the inflows and outflows from each treatment cell. These daily values are needed for the period of record through 2011 for each STA. The dataset should include the most recent data available, including provisional data marked as such.

2.) Other data: a.) STA topography (bottom elevation and area vs. elevation curve); b.) target vs actual vegetation; c.) management activities including the operating rules for water level; d.) the DBKEYS for retrieving flow and water quality data; e.) operational history milestones (construction, startup, optimization, off-line for repairs, etc...); and f.) the period of record water and phosphorus balances for each STA as a whole, including the effective treatment area during each water year (an update of the file provided by SFWMD to the EPA and used in calibration of the WQBEL: file STA-POR-QY2010-SFWMD.xls to include data through WY 2011).

In addition, as soon as the information on the location of the STA-1W expansion and the S5A/C51 storage reservoir is available, we are requesting the District to provide maps and schematics of these features. Until this time, the EPA will work with Florida Department of Environmental Protection and the District to make appropriate assumptions in our modeling which may require refinements when more specifics on these features are determined.

We appreciate the cooperation of the State in our review of your Everglades proposal. We look forward to receiving the data and information. If you have questions, please call me at 404-562-9345 or Gail Mitchell, Water Protection Division Deputy Director at 404-562-9234.

Sincerely,

James D. Giattina
Director
Water Protection Division

cc: Mr. Herschel T. Vinyard, FDEP

Mr. Greg Mason, FDEP

Ms. Melissa Meeker, SFWMD

Reply | Reply to All | Forward

Fwd: Senate Committee on Ethics

You replied on 11/15/2011 7:10 AM.

Kirk Fordham [kirkfordham(b) (6)

Sent: Monday, November 14, 2011 5:22 PM
To: Estenoz, Shannon A

FYI...Waldman approved.

---------- Forwarded message ----------
From: **Noah Valenstein** <nvalenstein@evergladesfoundation.org>
Date: Mon, Nov 14, 2011 at 4:29 PM
Subject: Senate Committee on Ethics
To: Kirk Fordham <kfordham@evergladesfoundation.org>
Cc: Yvonne Gsteiger <ygsteiger@evergladesfoundation.org>

All SFWMD members were approved by the Ethics committee - no questions, all appointees were approved in bulk. They still have to be approved by the whole Senate.

Noah

Noah Valenstein
Director of Legislative Affairs
Everglades Foundation
625 N Adams Street
Tallahassee, FL 32301
Cell: (b) (6)
Fax: 305-251-0039
E-mail: nvalenstein@evergladesfoundation.org
Web: www.evergladesfoundation.org

One Mission. One Priority. Restoring America's Everglades.

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--
Kirk Fordham
CEO, Everglades Foundation

Reply | Reply to All | Forward

Re: Fwd: Senate Committee on Ethics

Estenoz, Shannon A

Sent: Tuesday, November 15, 2011 7:10 AM
To: 'kirkfordham(b) (6)

Thx.

From: Kirk Fordham [mailto:kirkfordham(b) (6)]
Sent: Monday, November 14, 2011 05:22 PM
To: Estenoz, Shannon A
Subject: Fwd: Senate Committee on Ethics

FYI...Waldman approved.

---------- Forwarded message ----------
From: **Noah Valenstein** <nvalenstein@evergladesfoundation.org>
Date: Mon, Nov 14, 2011 at 4:29 PM
Subject: Senate Committee on Ethics
To: Kirk Fordham <kfordham@evergladesfoundation.org>
Cc: Yvonne Gsteiger <ygsteiger@evergladesfoundation.org>

All SFWMD members were approved by the Ethics committee - no questions, all appointees were approved in bulk. They still have to be approved by the whole Senate.

Noah

Noah Valenstein
Director of Legislative Affairs
Everglades Foundation
625 N Adams Street
Tallahassee, FL 32301
Cell: (b) (6)
Fax: 305-251-0039
E-mail: nvalenstein@evergladesfoundation.org
Web: www.evergladesfoundation.org

One Mission. One Priority. Restoring America's Everglades.

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FW: Editorial - Keep pushing on Scott's plan- 14 Nov Palm Beach Post

Estenoz, Shannon A

Sent: Tuesday, November 15, 2011 7:39 AM

To: Kirk Fordham (kfordham@evergladesfoundation.org)

My day got highjacked yesterday as you can see. Can we talk today sometime?

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Mary Plumb [meplumb@sfrestore.org]
Sent: Tuesday, November 15, 2011 7:34 AM
To: Pelizza, Sylvia; Rosen, Barry H.; DeGross, Bob; Progulske, Bob; Clarke, Alice; Pelizza, Charlie; Kimball, Dan; Horning, David; Dennis Duke; Jodrey, Donald S; Tutton, Jane; Fleming, Jeffrey; Joan Lawrence; Galvez, John; Whisenant, Keith; Warren, Ken; Williams, Larry; Friar, Linda; Miller, Lori; Lewis, Mark H.; Musaus, Mark; Ramos, Pedro; Gibble, Rebekah; Johnson, Robert; Best, G. Ronnie; Rinker, Serena; Kocis, Sharon; Jacobs, Sula; Gonshor, Susan; Hopkins, Todd
Cc: Estenoz, Shannon A; Kevin Burger; Moody, Joan F; Tsai, Brian; Gardetto, Jessica D
Subject: Editorial - Keep pushing on Scott's plan- 14 Nov Palm Beach Post

To: DOI South Florida Communications Team -
Thought you would want to know about this.
Best regards, Mary

http://www.palmbeachpost.com/opinion/editorials/keep-pushing-on-scotts-plan-1968761.html

Keep pushing on Scott's plan

By **THE PALM BEACH POST**
Posted: 7:02 p.m. Monday, Nov. 14, 2011

Correctly, U.S. Interior Department Secretary Ken Salazar wants to make nice with Gov. Scott on the Everglades - but not too nice.

There has been an adversarial relationship between Florida governors and interior secretaries over the Everglades since October 1988. That was when Dexter Lehtinen, the U.S. attorney for the Southern District of Florida, sued the state for failing to clean water flowing onto federal land - namely, Everglades National Park. The Interior Department supervises federal lands. Mr. Lehtinen's

Reply | Reply to All | Forward

Fwd: hello!

Kirk Fordham [kirkfordham(b) (6)

Sent: Tuesday, November 15, 2011 10:33 PM

To: Fowler West [fwest@cwdc.com]; Jodrey, Donald S; Estenoz, Shannon A; MOORE, Brian [bmoore@audubon.org];

Attachments: CEL11992.pdf (18 KB) [Open as Web Page]

How would this impact future authorizations for Everglades projects? I don't believe we have any that are 100% non-federally funded.

Please don't reach out yet to Sarah. If you have any thoughts, let's discuss them among this group and we can then circle back with her with collective feedback.

---------- Forwarded message ----------
From: **Decker, Sara (Rubio)** <Sara_Decker@rubio.senate.gov>
Date: Tue, Nov 15, 2011 at 6:37 PM
Subject: hello!
To: "Kirk Fordham (kirkfordham(b) (6))" <kirkfordham(b) (6) >

Hi Kirk –

Hope you're doing well! Finally getting back into the swing of things back here in DC…

Anyways, wanted to give you a quick heads up on the attached amendment the Senator just filed to the energy and water approps bill as I believe it may potentially capture some Everglades projects. If you have any feedback, it would be very welcome.

Thanks and I look forward to hearing from you.

S.

Sara E. Decker

Legislative Assistant

AMENDMENT NO._____ Calendar No._____

Purpose: To authorize the Corps of Engineers to carry out any project that meets certain criteria.

IN THE SENATE OF THE UNITED STATES—112th Cong., 1st Sess.

H. R. 2354

Making appropriations for energy and water development and related agencies for the fiscal year ending September 30, 2012, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by _____

Viz:

At the end of title I of division A, add the following:

SEC. 1____. The Corps of Engineers is authorized to carry out any project for which—

(1) there is a signed report of the Chief of Engineers by the end of fiscal year 2012; and

(2) prior to authorization, the Chief of Engineers certifies that 100 percent of the cost of carrying out the project is contributed by a non-Federal entity or a group of non-Federal entities.

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Re: Fwd: hello!

Kirk Fordham [kirkfordham(b) (6)

Sent: Tuesday, November 15, 2011 11:37 PM
To: Hill-Gabriel, Julie [jhill-gabriel@audubon.org]
Cc: fwest@cwdc.com; Jodrey, Donald S; Estenoz, Shannon A; Moore, Brian [bmoore@audubon.org];

This was my sense as well.

Since I will be in board meetings most of tomorrow and Thursday, after gathering information, perhaps one person could reach out to Sara with some feedback and possibly, some suggested edits.

On Tue, Nov 15, 2011 at 11:33 PM, Hill-Gabriel, Julie <jhill-gabriel@audubon.org> wrote:

> Thanks Kirk. I agree that it would be difficult to use this for any of our CERP projects since WRDA 2000 called for the 50/50 cost share unless it could be changed to say that projects CURRENTLY contributed by a non-federal sponsor...but leave open to future crediting from the fed govt under the share agreement.
>
> She is probably thinking this could apply to projects like the C-111 and BBCW but unless the state was willing to give up its credits for this advanced construction or the language was altered that probably wouldn't fly- and asking the state to give up credits could be very dangerous in our big picture.
>
> I would love to talk more about this tomorrow if folks are available.
>
> Do you all know of examples of non-feds paying the full cost for the Corps to do construction where this would apply? Maybe some public/private partnerships?
>
> Julie
>
> **From**: Kirk Fordham [mailto:kirkfordham(b) (6)
> **Sent**: Tuesday, November 15, 2011 07:33 PM
> **To**: Fowler West <fwest@cwdc.com>; Jodrey, Donald S <Donald_Jodrey@ios.doi.gov>; Estenoz, Shannon A <Shannon_Estenoz@ios.doi.gov>; Moore, Brian; Sarah Gaines Barmeyer <sbarmeyer@npca.org>; Hill-Gabriel, Julie; Dawn Shirreffs <dshirreffs@npca.org>; debbie_weatherly(b) (6) <debbie_weatherly(b) (6)
> **Subject**: Fwd: hello!
>
> How would this impact future authorizations for Everglades projects? I don't believe we have any that are 100% non-federally funded.
>
> Please don't reach out yet to Sarah. If you have any thoughts, let's discuss them among this group and we can then circle back with her with collective feedback.
>
> ---------- Forwarded message ----------
> From: **Decker, Sara (Rubio)** <Sara_Decker@rubio.senate.gov>
> Date: Tue, Nov 15, 2011 at 6:37 PM
> Subject: hello!
> To: "Kirk Fordham (kirkfordham(b) (6) " <kirkfordham(b) (6) >

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RE: Email Contact

Estenoz, Shannon A

Sent: Tuesday, November 15, 2011 4:54 PM
To: Karen Bohnsack [kbohnsack@evergladesfoundation.org]

Thanks Karen!

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Karen Bohnsack [kbohnsack@evergladesfoundation.org]
Sent: Tuesday, November 15, 2011 4:14 PM
To: Estenoz, Shannon A
Subject: Email Contact

Hi Shannon,

Here is my email address, in case we end up adding slides for your presentation. See you Thursday!

Best,
--
Karen Bohnsack
Program Assistant
EVERGLADES FOUNDATION
18001 Old Cutler Road, Suite 625
Palmetto Bay, FL 33157
(305) 251-0001
kbohnsack@evergladesfoundation.org
www.evergladesfoundation.org
One Mission. One Priority. Restoring America's Everglades.

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Trying to reach you

Estenoz, Shannon A

Sent: Wednesday, November 16, 2011 7:51 AM
To: Kirk Fordham [kirkfordham(b) (6)

Hey there, can you call me at your earliest convenience? Thanks!!!

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Kirk Fordham [kirkfordham(b) (6)
Sent: Tuesday, November 15, 2011 11:37 PM
To: Hill-Gabriel, Julie
Cc: fwest@cwdc.com; Jodrey, Donald S; Estenoz, Shannon A; Moore, Brian; sbarmeyer@npca.org; dshirreffs@npca.org; debbie_weatherly(b) (6)
Subject: Re: Fwd: hello!

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The Children's Movement of Florida, Dream Prizes

To help protect your privacy, some content in this message has been blocked. If you are sure that this message is from a trusted sender and you want to re-enable the blocked features, click here.

Kirk Fordham [kirkfordham(b) (6)

Sent: Monday, November 21, 2011 10:52 PM

To: Estenoz, Shannon A

Dear Friend,

The Children's Movement of Florida invites you to enter for a chance to win big for children. It's simple. Click here to view prizes or enter.

You could be the lucky winner of:

-- A Royal Caribbean luxury cruise for two.
-- American Airlines round-trip business class tickets to Rio de Janeiro, Brazil.
-- A 2012 Honda Civic 3-year car lease.
-- A year's worth of groceries from Publix ($6,000).
-- A Romero Britto limited-edition serigraph.
-- Marlins tickets and signed memorabilia.
-- Dolphins club-level tickets.
-- Family adventure – Manatee encounter and Zoo Miami behind the scenes tour and annual pass.

A contribution of $25 automatically enters you for a chance to win - and makes you a member of The Movement. Proceeds from the "Dream Prizes" promotion will go towards advocating for measurable goals outlined in our 2012 legislative agenda. To learn more, please visit **The Children's Movement of Florida website**.

David Lawrence, one of our state's finest leading citizens, is chairing this effort to improve the quality of education and health care for Florida's children. Join me in helping give our state's kids a better future.

Good luck!

Kirk Fordham

Disclaimer

NO PURCHASE OR CONTRIBUTION NECESSARY. Open only to legal residents of Florida, 18 or older. Sweepstakes ends 12/31/11. See full rules at childrensmovementflorida.org for complete details including how to enter without making a contribution.

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FW: Publication: latest paper on organic matter controls on Hg Biogeochemistry in ...

Estenoz, Shannon A

Sent: Friday, December 09, 2011 4:32 PM
To: tvanlent@evergladesfoundation.org
Attachments: Gerbig et al, 2011, ES&T.pdf (2 MB) [Open as Web Page]

In case Melody is interested...

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: G. Ronnie Best [ronnie_best@usgs.gov]
Sent: Friday, December 09, 2011 3:41 PM
Subject: Publication: latest paper on organic matter controls on Hg Biogeochemistry in Greater Everglades

Folks -- Please share this excellent and informative article with your colleagues and staff. -- Many Thanks and TGIF, Ronnie

Formation of Nanocolloidal Metacinnabar in Mercury-DOM-Sulfide Systems // Chase A. Gerbig,*,‡ Christopher S. Kim,§ John P. Stegemeier,§ Joseph N. Ryan,‡ and George R. Aiken†

ABSTRACT: Direct determination of mercury (Hg) speciation in sulfidecontaining environments is confounded by low mercury concentrations and poor analytical sensitivity. Here we report the results of experiments designed to assess mercury speciation at environmentally relevant ratios of mercury to dissolved organic matter (DOM) (i.e., <4 nmol Hg (mg DOM)?1) by combining solid phase extraction using C18 resin with extended X-ray absorption fine structure (EXAFS) spectroscopy. Aqueous Hg(II) and a DOM isolate were equilibrated in the presence and absence of 100 μM total sulfide. In the absence of sulfide, mercury adsorption to the resin increased as the Hg:DOM ratio decreased and as the strength of Hg-DOM binding increased. EXAFS analysis indicated that in the absence of sulfide, mercury bonds with an average of 2.4 (0.2 sulfur atoms with a bond length typical of mercury-organic thiol ligands (2.35 Å). In the presence of sulfide, mercury showed greater affinity for the C18 resin, and its chromatographic

Environmental Science & Technology

ARTICLE

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Formation of Nanocolloidal Metacinnabar in Mercury-DOM-Sulfide Systems

Chase A. Gerbig,*[,‡] Christopher S. Kim,[§] John P. Stegemeier,[§] Joseph N. Ryan,[‡] and George R. Aiken[†]

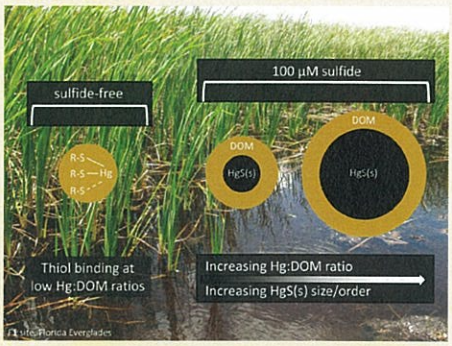
[‡]Department of Civil, Environmental, and Architectural Engineering, University of Colorado, 428 UCB, Boulder, Colorado 80309, United States

[§]School of Earth and Environmental Sciences, Chapman University, One University Drive, Orange, California 92866, United States

[†]U.S. Geological Survey, 3215 Marine Street, Suite E127, Boulder, Colorado 80303, United States

Supporting Information

ABSTRACT: Direct determination of mercury (Hg) speciation in sulfide-containing environments is confounded by low mercury concentrations and poor analytical sensitivity. Here we report the results of experiments designed to assess mercury speciation at environmentally relevant ratios of mercury to dissolved organic matter (DOM) (i.e., <4 nmol Hg (mg DOM)$^{-1}$) by combining solid phase extraction using C_{18} resin with extended X-ray absorption fine structure (EXAFS) spectroscopy. Aqueous Hg(II) and a DOM isolate were equilibrated in the presence and absence of 100 μM total sulfide. In the absence of sulfide, mercury adsorption to the resin increased as the Hg:DOM ratio decreased and as the strength of Hg-DOM binding increased. EXAFS analysis indicated that in the absence of sulfide, mercury bonds with an average of 2.4 $\pm$ 0.2 sulfur atoms with a bond length typical of mercury-organic thiol ligands (2.35 Å). In the presence of sulfide, mercury showed greater affinity for the C_{18} resin, and its chromatographic behavior was independent of Hg:DOM ratio. EXAFS analysis showed mercury−sulfur bonds with a longer interatomic distance (2.51−2.53 Å) similar to the mercury−sulfur bond distance in metacinnabar (2.53 Å) regardless of the Hg:DOM ratio. For all samples containing sulfide, the sulfur coordination number was below the ideal four-coordinate structure of metacinnabar. At a low Hg:DOM ratio where strong binding DOM sites may control mercury speciation (1.9 nmol mg^{-1}) mercury was coordinated by 2.3 $\pm$ 0.2 sulfur atoms, and the coordination number rose with increasing Hg:DOM ratio. The less-than-ideal coordination numbers indicate metacinnabar-like species on the nanometer scale, and the positive correlation between Hg:DOM ratio and sulfur coordination number suggests progressively increasing particle size or crystalline order with increasing abundance of mercury with respect to DOM. In DOM-containing sulfidic systems nanocolloidal metacinnabar-like species may form, and these species need to be considered when addressing mercury biogeochemistry.



INTRODUCTION

Predicting the fate and transport of soft, chalcophilic metals in the environment depends in part on metal speciation in the presence of sulfide and dissolved organic matter (DOM). The speciation of mercury (Hg) is of particular concern because of the potential formation of methylmercury (especially in sulfate-reducing systems [1]) and bioaccumulation in aquatic food chains.[2] Studies of other metals have identified nanocolloidal metal-sulfide minerals in sulfide-containing systems, including ZnS(s) in biofilms[3] and at microbial interfaces,[4] and CuS(s) in experimentally flooded wetlands[5] and experimental systems containing DOM.[6] Colloidal mercury-sulfide minerals, particularly metacinnabar (β-HgS(s)), the low-temperature polymorph of HgS(s), have been observed in experimental systems[7−9] and at mining[10] and contaminated field sites[11] but not in natural sulfate-reducing environments with relatively low mercury concentrations and no point-source contamination.[12]

Efforts to thermodynamically model the speciation of Hg(II) primarily focus on Hg-DOM complexes in the absence of sulfide and Hg-sulfide complexes in the absence of DOM. Provided the mercury concentration is sufficiently low, DOM exhibits a high affinity for Hg(II), dominating mercury speciation in typical oxic surface waters.[13−18] The high strength of Hg-DOM interactions at low Hg:DOM ratios, coupled with directly observed mercury-soil organic matter binding sites,[19−21] suggests DOM binding sites are thiol-like in nature, although the mercury coordination environment has never been directly observed in aquatic DOM as it has been in soil organic matter. Studies of mercury speciation with sulfide in the absence of DOM show rapid precipitation of metacinnabar[22] and a number of dissolved mercury-sulfide complexes (e.g., $HgHS_2^-$, $Hg(HS)_2^0$, HgS_2^{-2}, HgS^0), of which neutrally charged complexes have been hypothesized to be the most important for methylation.[23−28]

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Thermodynamic models that suggest mercury-sulfide complexes dominate mercury speciation at low mercury concentrations do not compare well with empirical observations of colloidal HgS(s) stabilized by DOM in experimental systems. In sulfide- and DOM-containing systems with a mercury concentration of 50 μM, metacinnabar particles were observed as particles or aggregates of less than 100 nm in diameter. At 50 nM Hg, the particles or aggregates, if present, were too small to remove via conventional centrifugation.[7] Similar work using ultracentrifugation has demonstrated removal of mercury particles from solutions with concentrations as low as 1 nM Hg, although the removed mercury was only definitely characterized as metacinnabar-like at 10 μM Hg.[8] The metacinnabar particles formed in the presence of DOM, sulfide, and relatively high concentrations of total mercury (i.e., >10 μM) become coated with DOM, which increases electrostatic repulsion and prevents aggregation and bulk precipitation of metacinnabar.[7−9] The direct observation of DOM-stabilized metacinnabar particles is limited to studies conducted at mercury concentrations far in excess of most natural systems, where only the weakest DOM binding sites are relevant for mercury speciation.[13] Speciation calculations, however, suggest that DOM-stabilized HgS(s) may also be present at common environmental levels of mercury, DOM, and sulfide.[9]

The goal of this study was to empirically determine mercury speciation in DOM-containing solutions with and without free aqueous sulfide at Hg:DOM ratios and total mercury concentrations that are lower than previously studied and span a range of Hg-DOM binding strengths. We adopted a solid phase extraction (SPE) method previously used to determine Hg-DOM binding constants to concentrate hydrophobic mercury species[18,29] and applied this method over a wide range of Hg:DOM ratios. The speciation of mercury concentrated by SPE was subsequently examined with extended X-ray absorption fine structure (EXAFS) spectroscopy for samples of selected Hg:DOM ratios. The results presented in this paper provide direct insight into the nature of the Hg-DOM bond and on the role of DOM in mercury speciation in sulfidic environments.

METHODS

DOM Isolation. Whole water was collected from the F1 site (26°21′35″N, 80°22′14″W) in the Florida Everglades, filtered through a 0.3 μm glass fiber filter, acidified to pH 2 with HCl, and passed through a column of Amberlite XAD-8 resin according to the method of Aiken et al.[30] The hydrophobic acid fraction (HPoA; comprised of humic and fulvic acids) was retained on the XAD-8 resin and eluted with 0.1 N NaOH. The eluate was hydrogen-saturated, desalted, freeze-dried, and stored for later use. This DOM isolate has been used in several studies of mercury-organic matter interactions.[7,13,14,31] Information on the DOM source and characterization is available elsewhere.[12,32]

Experimental Solutions. Two identical sets of experimental solutions were prepared − a set for experiments only involving SPE and a set for SPE followed by EXAFS analysis of mercury on the resin. Experimental solutions for both sets were prepared in deionized water (≥18.0 MΩ cm resistivity) and contained 0.01 M NaH_2PO_4, enough $NaClO_4$ to bring the ionic strength to 0.1 M (as calculated by Visual MINTEQ[33]) and an appropriate amount of 0.1 M NaOH to bring the pH to 6.5 ± 0.1. DOM stock solution was prepared daily, filtered (0.45 μm Supor membranes), and added to the experimental solutions to yield a DOM concentration of approximately 10 mg L^{-1} for all SPE and most SPE-EXAFS experiments (measured range 8.6−11.3 mg DOM L^{-1}). Some of the SPE-EXAFS experiments were conducted at approximately 50 mg DOM L^{-1}. Appropriate volumes of Hg(II) stock solution ($Hg(NO_3)_2$ in 10% HNO_3) were spiked into the experimental solutions to achieve mercury concentrations ranging from 0.35 nM to 1.4 μM. The range of mercury and DOM concentrations allowed some experiments to be conducted at a Hg:DOM ratio at or below 4 nmol Hg (mg DOM)$^{-1}$, the ratio at which all strong binding DOM sites become saturated and weak-binding sites begin to also bind mercury.[13] Sulfide-containing solutions were prepared in an oxygen-free glovebox. Sodium sulfide ($Na_2S \cdot 9H_2O$; washed before use) stock solution was prepared daily and added to experimental solutions to bring the total sulfide concentration to 100 μM. Solution bottles were wrapped with aluminum foil to prevent photoreactions and allowed to mix at room temperature on a shaker table rotating at 150 rpm. Solutions were equilibrated for 20−24 h, which has been shown elsewhere to give sufficient time for Hg-DOM equilibration[34,35] and Hg-DOM-sulfide equilibration.[9,36] Containers for solution/stock preparation and sampling were glass with Teflon-lined caps cleaned in a solution of 10% HNO_3 and 10% HCl (trace metal-grade) for at least 24 h and baked at 400 °C for 4 h.

Solid Phase Extraction. The SPE portion of the experiments was carried out on glass columns (10 cm length, 0.9 cm diameter; Spectrum Chromatography) packed with 0.500 g of C_{18} resin (Supelclean ENVI-18, Spectrapor). The column fittings and lines were Teflon, except for the pump tubing, which was polyvinylchloride. Resin-free columns and tubing were cleaned with a mixture of 10% HNO_3 and 10% HCl and rinsed repeatedly with deionized water. Clean resin was prepared in the column by suspending resin in methanol and rinsing (20 min per rinse at 4 mL min^{-1}) with deionized water followed by 5 mM HCl, repeating once, and concluding with deionized water. The loss of mercury to a resin-free column (<5%) and contamination from a resin-filled column (<0.03 nM) were sufficiently small to be ignored in the subsequent SPE experiments, but there was some DOC contamination from resin-filled columns (<5 mg C L^{-1}; presumably methanol).

Cleaned and resin-filled columns were loaded with approximately 1 L of experimental solution for SPE experiments and 2 L of solution for SPE-EXAFS experiments. Experimental solutions were pumped through the cleaned resin-filled columns at a flow rate of 4.0 ± 0.2 mL min^{-1}. After expunging the first 2 mL of solution out of each column, the remaining loaded volume was collected as effluent fractions for chemical analyses. Resin was harvested from the column following solution loading and was stored under an oxygen-free atmosphere for sulfide-containing experiments until EXAFS analysis. Mercury recovery from the SPE experiments, including mercury in effluent fractions and mercury adsorbed to the resin, was greater than 90% of the total mercury loaded. Error in the SPE of mercury was related to errors in mercury measurements (described in next section) and depended on the amount of mercury passing through the resin. At high retentions (>90%) the error was less than 1% retained mercury, and at lower retentions (~60%) the error was approximately 4% retained mercury.

Sample Analysis. Dissolved organic carbon (DOC) concentrations were determined using a total organic carbon analyzer (OI Analytical Model 700). DOM concentrations were calculated based on DOC measurements and the carbon content of

the Everglades F1 HPoA isolate (52.2% C by mass). Measurements of ultraviolet and visible light absorbance at wavelengths ranging from 254 to 412 nm were made using a UV−visible spectrophotometer (Agilent model 8453) with a 1 or 5 cm path length quartz cuvette.

Total aqueous mercury concentrations in initial and effluent samples from the SPE were determined by cold vapor atomic fluorescence spectroscopy using a Millennium Merlin mercury analyzer according to EPA Method 245.7. Analytical mercury stocks were prepared from National Institute of Standards and Technology (NIST) standard reference material 3133. Mercury standards and most samples were oxidized with 1% (v/v) KBr/$KBrO_3$ solution. High DOM and sulfide-containing samples were oxidized with 2% (v/v) KBr/$KBrO_3$ solution to ensure sufficient residual oxidant to preserve mercury after oxidation of organic matter and sulfide species. Acceptable recovery of standards was 80−120% with less than 20% relative difference in duplicate measurements. Typical recovery was 90−110% with less than 10% relative difference. The detection limit for any given run was always below 0.013 nM Hg based on three standard deviations of seven replicates of a sample with a concentration one-half of the lowest standard.

Solid phase mercury concentrations on the harvested chromatography resin were measured on a DMA-80 direct mercury analyzer (Milestone Inc.) by thermal decomposition of the sample, catalytic conversion to elemental mercury, amalgamation, and atomic absorption. Calibration was done with a series of standard reference materials obtained from NIST and Environment Canada. Acceptable recovery of the reference materials was 80−120%.

Extended X-ray Absorption Fine Structure Spectroscopy. Resin samples were prepared for EXAFS by loading 2 L of the experimental solutions outlined in SI Table 1 onto C_{18} resin. Two liters of solution were necessary to maximize the amount of mercury loaded onto the resin due to the relatively high concentration threshold (approximately 40 ppm Hg) needed to collect viable EXAFS spectra. The top third of the resin in the column was removed from the column and used for EXAFS analysis because solid phase mercury analysis indicated it was more concentrated than the resin in the bottom two-thirds of the column.

EXAFS data were collected on wiggler beamline 11−2 at the Stanford Synchrotron Radiation Lightsource using a Si(220) monochromator crystal in the φ = 90° crystal orientation. Mercury L_{III}-edge EXAFS spectra were collected using an aluminum coldfinger liquid nitrogen cryostat (77 K) to minimize thermal vibration and improve the quality of the spectra from low mercury concentration samples. The resin samples were loaded into aluminum holders in an oxygen-free environment, enclosed in Kapton tape, and quickly transferred to the liquid nitrogen cryostat to minimize exposure to oxygen. Spectra were collected on a 32-element high-throughput germanium detector in fluorescence-yield mode. Gallium filters were used to minimize interference from inelastic scattering. $HgCl_2$ was used as an internal standard for energy calibration of each spectrum collected.

Multiple scans (13−22) were collected for each sample, energy-corrected using the calibration standard, deadtime-corrected for potential loss of signal due to finite photon detection times, and averaged together. After background subtraction, the data were converted to k-space with a k^3-weighting and Fourier-transformed. The EXAFS spectra were fit over a k-range of 2.0−9.5 $Å^{-1}$ using phase and amplitude functions from model single-shell scattering paths generated in SIXPack[37] using Feff6l.[38] Hg−C, Hg−O, and Hg−S models (the only realistic first shell interactions in Hg-DOM-sulfide systems) were created and constrained based on the results of the first shell fitting of the resin samples. Mixed interactions were attempted (i.e., Hg−O and Hg−S), but single atom interactions consistently proved to be better fits. Given the limited energy range over which spectra were resolvable, only first shell fitting was successfully completed for each resin sample. The scale factor (S_0) was fixed at 0.9 for all samples, and the Debye−Waller factor (σ^2), which serves as a measure of thermal vibration and static disorder around mercury in the sample, was first allowed to float for all fits; the average Debye−Waller factor for all samples (0.007 $Å^2$) was selected and final fits fixed at this value in order to directly compare fitting results between samples.

RESULTS

DOM Solid Phase Extraction. The absorption of ultraviolet and visible (UV−vis) light was used to track DOM adsorption to the C_{18} resin because small amounts of methanol contamination in effluent fractions led to erratic DOC measurements. DOM retention by the resin was consistent regardless of mercury concentration (0.35 nM−1.4 μM) or the presence or absence of sulfide (Figure 1a). DOM retention decreased as the volume of loaded solution increased (SI Figure 1). The fraction of UV−vis-absorbing components retained by the resin increased with increasing wavelength but was generally low − less than 35%. The UV−vis absorbance of DOM at 254 nm correlates well with the aromaticity of the organic matter,[39] although more conjugated molecules are expected to absorb at 412 nm. These data indicate that the more conjugated organic molecules are also somewhat more hydrophobic and preferentially adsorb to the resin.

Mercury Solid Phase Extraction. Retention of mercury by C_{18} resin was a function of mercury concentration and the presence or absence of sulfide (Figure 1b), unlike the retention of DOM. Mercury adsorption to the column did not change substantially through the course of loading up to 1 L of sulfide-free solution (SI Figure 2). The overall efficiency of mercury adsorption from sulfide-free solutions was dependent on the mercury concentration in the loading solution (Figure 1b). At 5.6 nM Hg and below, the retention of mercury was 85−91%. At 39 nM Hg and above, retention dropped to 48−61%.

Retention curves for mercury in systems containing 100 μM total sulfide were distinctly different from those without sulfide (SI Figure 2). The retention of mercury from a sulfide-containing solution with 0.45 nM Hg increased as the total volume loaded increased. In contrast, at mercury concentrations from 1.5 to 490 nM, the mercury adsorption was consistently high (Figure 1b, SI Figure 2). Based on these chromatography results, the mercury species formed in the presence of sulfide at higher mercury concentrations are slightly more hydrophobic (>99% retention at 490 nM) than those formed at lower mercury concentrations (95% retention at 1.5 nM) and substantially more hydrophobic than those formed in the absence of sulfide. For all cases, greater than 60% of the mercury retained by the resin was present in the top one-third of the column based on solid phase analysis.

The 0.45 nM Hg and sulfide solution resulted in uncommon chromatographic behavior − the retention of mercury increased as the volume of solution loaded onto the resin increased. Such behavior indicates that the sorbent phase becomes more favorable for the sorption of the compound in solution as the amount

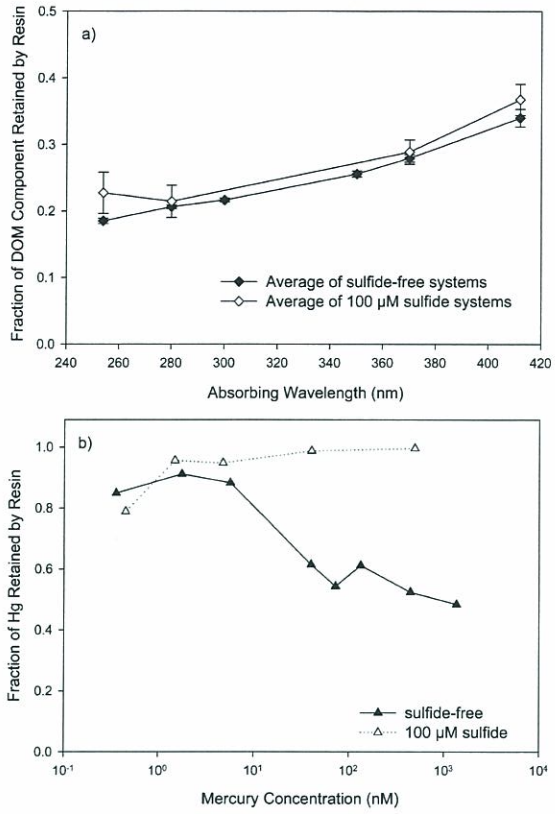

Figure 1. (a) The average fraction of ultraviolet and visible light-absorbing DOM components retained by the C_{18} resin as a function of absorbing wavelength for approximately 1 L of eight sulfide-free and five sulfide-containing solutions. Error bars represent 95% confidence intervals for all mercury concentrations. (b) The fraction of total mercury retained on C_{18} resin for all experiments with DOM (8.6−11.3 mg DOM L^{-1}) and with and without sulfide as a function of total mercury concentration.

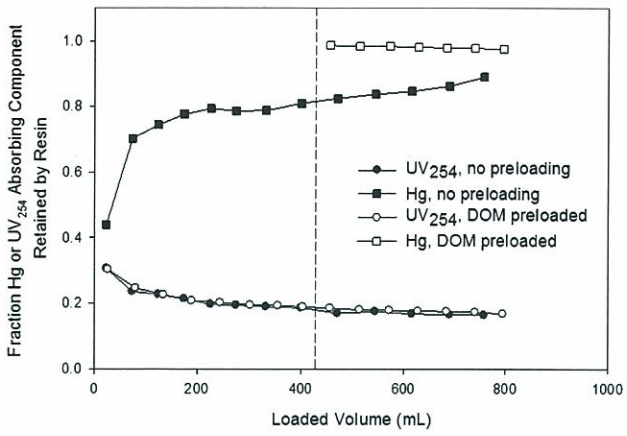

Figure 2. Mercury retention and DOM retention (as measured by the UV absorbance of DOM components that absorb at 254 nm) for a system without DOM preloading of the resin and a system with DOM preloading of the resin. The system without preloading (0.45 nM Hg, 10.6 mg DOM L^{-1}, 100 μM sulfide) was run as a standard chromatography experiment with the mercury-containing solution started at a loaded volume of 0 mL. The preloaded system consisted of DOM preloading (9.8 mg DOM L^{-1}, 100 μM sulfide) up to a volume of 428 mL (dashed vertical line) at which time an identical solution equilibrated with mercury (0.40 nM) was loaded on to the resin.

of the sorbed compound increases. In the mercury-DOM-sulfide systems in this study, two components are accumulating on the resin—mercury and DOM—and either could be responsible for the increased retention of mercury with loaded volume. Either the adsorption of mercury from solution could promote the sorption of more mercury, which could potentially lead to the formation of mercury species on the resin which are not present in solution, or the adsorption of DOM from solution could promote the adsorption of more DOM along with the bound mercury species.

To determine which mechanism was responsible for the increasing mercury retention with increased loading, we compared the retention of mercury from the 0.45 nM Hg, 100 μM sulfide, 10.6 mg DOM L^{-1} solution with the retention of mercury after the resin was preloaded with DOM (Figure 2). A mercury-free preloading solution (9.8 mg DOM L^{-1}, 100 μM sulfide, 428 mL) was loaded onto C_{18} resin and followed with an identical solution that also contained 0.40 nM Hg. The DOM retention was identical in both systems as indicated by the retention of UV_{254} absorbing components (Figure 2). After preloading the resin with DOM, mercury retention was initially very high (>97%), and the retention did not increase with increased loading volume as observed in the system without preloading. We interpret the difference in mercury retention to mean that mercury−mercury interactions were not driving mercury retention because the DOM-preloaded system showed high mercury retention at the beginning of mercury loading. Had mercury retention increased with volume after DOM preloading, there would have been evidence for mercury−mercury interactions, which would have brought into question whether the mercury species on the resin are present in solution. Instead, we surmise that DOM served as a bridge between the mercury species in solution and the resin, and an abundance of DOM on the resin increased mercury affinity for the sorbent phase.

Extended X-ray Absorption Fine Structure Spectroscopy. Experimental and fitted mercury L_{III}-edge EXAFS spectra and the Fourier transforms corresponding to the conditions outlined in SI Table 1 are shown in Figure 3. The EXAFS spectra of the three sulfide-containing systems (Figure 3b, 3c, and 3d) are in phase with one another and out of phase with the sulfide-free sample (Figure 3a). This corresponds with the alignment of the primary Fourier transform features of the sulfide-containing samples (indicated in Figure 3 by a vertical line) and the misalignment of the sulfide-containing samples with the sulfide-free sample. The spectra for samples with added sulfide (3b, 3c, and 3d) were best modeled by a mercury−sulfur bond in the first shell with a Hg−S interatomic distance of 2.51−2.53 Å (±0.01−0.02 Å, depending on the sample; Figure 3). The mean sulfur coordination number for the sulfide-containing samples increased with increasing Hg:DOM ratio from 2.3 ± 0.2 sulfur atoms at 1.6 nmol Hg (mg DOM)$^{-1}$ to 3.3 ± 0.2 sulfur atoms at 34 nmol Hg (mg DOM)$^{-1}$. The spectra for the sample without added sulfide (3a) was also best modeled by mercury−sulfur bonds in the first shell, despite the absence of added sulfide in the sulfide-free system. The Hg-DOM interaction was fit with a significantly shorter Hg−S distance of 2.35 ± 0.01 Å and a coordination number of 2.4 ± 0.2 sulfur atoms.

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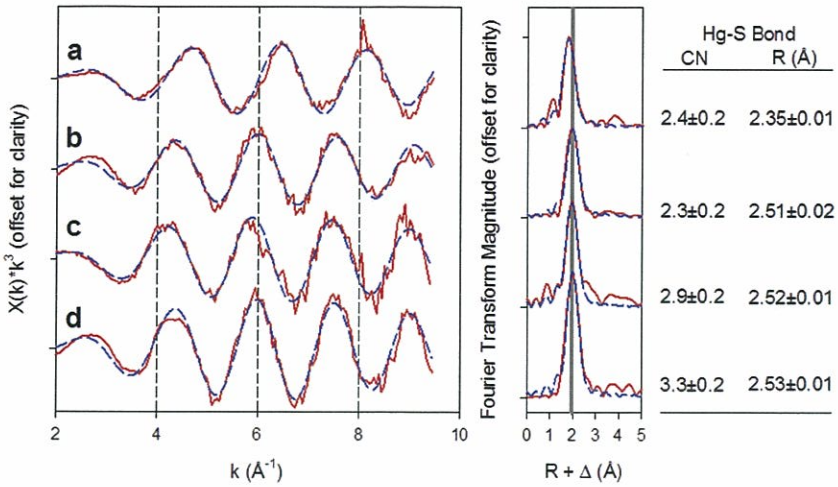

Figure 3. k^3-weighted mercury L_{III}-edge EXAFS, Fourier transforms, and fitting results for collected spectra (solid) and fits (dashed) for the four SPE-EXAFS samples: (a) sulfide-free at a Hg:DOM ratio of 4.0 nmol Hg (mg DOM)$^{-1}$; (b, c, and d) 100 μM total sulfide and Hg:DOM ratios of 1.9, 4.9, and 34 nmol Hg (mg DOM)$^{-1}$, respectively. Solution chemistries are summarized in SI Table 1. All spectra are best fit by a Hg−S interaction. The sulfur coordination number (CN) and average bond distance (R) are noted for each sample with the 95% confidence interval ($\pm 2\sigma$). The Debye−Waller factor (σ^2) was fixed at 0.007 Å^2 for all four fits.

DISCUSSION

Mercury-Dissolved Organic Matter Interactions. In the absence of sulfide and at sufficiently low Hg:DOM ratios, we hypothesized that Hg-DOM binding would be dominated by mercury−sulfur interactions because (1) Hg-DOM binding studies have measured large stability constants consistent with thiol-like sites[13,15] and (2) Hg-soil organic matter (SOM) studies using EXAFS spectroscopy have detected Hg−S bonds at low Hg:SOM ratios.[20,40] We observed 2.4 coordinating sulfur atoms at 2.35 Å, which is consistent with observations of a 2−3 sulfur coordination environment in soil organic matter and soil humic acid as detected by X-ray spectroscopy[21,40] and pH titrations.[19] The Hg−S interatomic distance is in good agreement with two-coordinate mercury binding environments observed for model thiolates[41] and represents the first known direct observation of mercury binding environments in aquatic DOM. Sulfur is a relatively minor element in DOM (1.7 wt % in the isolate used in this study), and the proportion of sulfur that is actually involved in metal binding is low (<2% of the total sulfur in this isolate based on 2.4 atoms/site and a binding capacity of 4 nmol (mg DOM)$^{-1}$). Multiple sulfur atoms per site suggests the possibility that these sites may be (1) of biological origin (e.g., dithiols in protein residues), (2) the result of abiotic sulfide incorporation into DOM, or (3) the result of multiple DOM molecules coordinating a mercury atom.

The concentration requirement, or detection limit, of EXAFS restricted identification of the Hg-DOM binding environment to a Hg:DOM ratio of 4.0 nmol Hg (mg DOM)$^{-1}$, which is the strong binding capacity of the DOM isolate.[13] Hg:DOM ratios in most environmental settings are typically a few orders of magnitude lower than this strong binding capacity. The chromatographic data suggest we can extrapolate information gained at the Hg:DOM ratio of 4.0 nmol Hg (mg DOM)$^{-1}$ to lower and more environmentally relevant Hg:DOM ratios. The sulfide-free data in Figure 1b show high retention of mercury (>85%) at mercury concentrations below 5.6 nM Hg and lower retention of mercury (<62%) at mercury concentrations above 39 nM Hg. When normalized to the DOM content of each system (all had approximately 10 mg DOM L^{-1}), the transition observed between 5.6 and 39 nM Hg corresponds to a transition between 0.67 and 4.6 nmol Hg (mg DOM)$^{-1}$. Below the 4 nmol Hg (mg DOM)$^{-1}$ strong binding capacity of the DOM, the Hg-DOM complexes are significantly more hydrophobic with respect to the C_{18} resin than they are above the strong binding capacity. The transition from more to less hydrophobic complexes as the Hg:DOM ratio increases past 4 nmol Hg (mg DOM)$^{-1}$ corresponds to the transition from thiol-like Hg-DOM binding strengths to carboxyl-like Hg-DOM binding strengths.[13] Both types of complexes are significantly more hydrophobic than the mercury-free DOM, which is only retained at about 20% as measured by the retention of UV_{254} absorbing components (Figure 1a). The sulfur dominated binding environment observed with EXAFS at 4 nmol Hg (mg DOM)$^{-1}$ is likely only present in a small subset of DOM molecules and that subset is more hydrophobic than other portions of the DOM pool. The chromatography data shown in Figure 1b, coupled with our understanding of DOM binding strengths, suggests that the small number of DOM molecules involved in the directly observed sulfur dominated mercury binding at 4 nmol (mg DOM)$^{-1}$ persist at lower, more environmentally significant Hg:DOM ratios where EXAFS was not possible.

Mercury-Dissolved Organic Matter-Sulfide Interactions. The EXAFS spectra from all three sulfide-containing samples were best fit with a Hg−S scattering interaction at an interatomic distance of 2.51−2.53 Å (Figure 3). The Hg−S interatomic distance from all three samples agrees, within uncertainty, with the 2.53 Å Hg−S distance in crystalline metacinnabar.[22] The observed EXAFS spectra are not consistent with cinnabar (which has six coordinating sulfur atoms at three distinct distances[22]), polymeric HgS species that exhibit two sulfur atoms at a shorter distance of 2.30 Å,[26] neutrally charged complexes (i.e., HgS(aq) and HgHSOH(aq)) with a single Hg−S interaction at less than 2.40 Å,[24] nor the Hg-DOM interaction described previously. In addition, simultaneous fits of a Hg−S scattering path at 2.53 Å indicative of metacinnabar and a Hg−S scattering path at 2.35 Å

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indicative of Hg-DOM complexes showed no significant DOM binding in systems that contained sulfide.

The Hg−S bond distance is independent of Hg:DOM ratio for the three sulfide-containing samples and matches well with metacinnabar, but the sulfur coordination numbers are all lower than the four-coordinate structure of crystalline metacinnabar. The modeled coordination numbers may be explained by imperfectly ordered crystal structures or nanosized HgS(s) particles where under-coordinated mercury atoms on the particle surface comprise a large percentage of all mercury atoms in the phase. The disorder in the particles may even be greater than the coordination number implies because the Debye−Waller factor was fixed in the EXAFS modeling, which implicitly assumes that changes in the spectra were related to changes in coordination number and not the degree of disorder. The modeled coordination number increases with increasing Hg:DOM ratio (Figure 3, samples b, c, and d), which suggests that the Hg:DOM ratio is an important factor in dictating the size or crystalline order of the metacinnabar-like species. Metacinnabar-like species formed at the lowest Hg:DOM ratio resemble the initial phases of metacinnabar crystallization characterized by under-coordinated mercury atoms, whereas the metacinnabar-like species formed at the highest Hg:DOM ratio resembles a structure approaching that of bulk crystalline metacinnabar.[22] The interaction of DOM with particle surfaces and subsequent control of particle aggregation has been documented for HgS(s)[7−9] and other metal sulfides and metal oxides (e.g., refs 6 and 42), although the formation of HgS(s) has never been directly observed at the mercury concentrations and Hg:DOM ratios at which mercury is interacting with the strongest DOM binding sites. The strong DOM binding sites are not strong enough to prevent the formation of metacinnabar, but the metacinnabar that forms when mercury speciation is dominated by thiol sites is smaller or less ordered than metacinnabar formed at higher Hg:DOM ratios.

Our results show that the portion of DOM interacting with the surface of HgS(s) and preventing growth is more hydrophobic with respect to fractionation on C_{18} resin than the DOM that remains in solution. The majority of the DOM in our SPE experiments passed through the column, although the portions of the DOM that absorb light at higher wavelengths, which presumably represents greater conjugation, are retained on the resin to a greater degree than the bulk DOM (Figure 1). Additionally, the hydrophobic fraction retained by the resin favors adsorption of metacinnabar-like mercury species (Figure 2). These results are supported by previously observed preferential adsorption of aromatic DOM molecules to colloidal metacinnabar particles.[7]

EXAFS-derived coordination numbers can be used to estimate particle sizes when they are significantly lower than the coordination number of the bulk phase and the particles are well ordered.[43,44] The less-than-ideal sulfur coordination numbers for the three metacinnabar-like samples observed in this study indicate the particles are on the nanometer scale. Referred to as the termination effect, this phenomenon arises when under-coordinated atoms on a particle surface make up a significant fraction of the atoms in the particle. The abundance of under-coordinated atoms drives down the average coordination number for particles in the diameter range of tens of nanometers or less. If we assume that the HgS(s) is perfectly crystalline, the less-than-ideal coordination numbers of the mercury−sulfur bonding observed in this study point to particles that are less than 20 nm in diameter, with the smallest (and most under-coordinated) particles as small as just a few nanometers in diameter. In a previous study designed to assess the importance of DOM in inhibiting the precipitation of metacinnabar,[7] metacinnabar colloids decreased in sized with decreasing mercury concentration. The minimum mercury concentration for direct characterization, 50 μM, led to metacinnabar particles or aggregates less than 100 nm as determined by centrifugation. We have now identified evidence for smaller metacinnabar-like nanoparticles at 50 nM Hg. Our results are also consistent with observations at 10 μM Hg of poorly crystalline and under-coordinated HgS(s) particles that are on the nanometer scale.[8]

The results presented here contrast with the conclusions of octanol−water partitioning studies which suggest neutrally charged species (e.g., HgS^0 and $Hg(SH)_2$) dominate mercury speciation in the presence of sulfide in natural environments.[23] DOM significantly alters the octanol partitioning of Hg−S species when mercury concentrations are as low as 0.1 nM,[36] and the partitioning of amorphous metacinnabar-like nanoparticles to octanol has been demonstrated at a mercury concentration of 3 μM.[9] Our study bridges the concentration divide by empirically observing a metacinnabar-like species at an intermediate mercury concentration, which chromatography suggests is present at even lower mercury concentrations than could be directly observed with EXAFS. Mercury-sulfide speciation modeling predicts metacinnabar will form at the intermediate and high mercury concentrations used in this study. However, the speciation modeling is ambiguous at the low concentrations in this study below about 4 nM Hg because on the uncertainty in thermodynamic constants (constants for the modeling reproduced in SI Table 2). If metacinnabar is not formed below 4 nM, then speciation modeling predicts hydrophilic complexes (primarily $HgHS_2^-$) will dominate in these systems (quantitative speciation presented in SI Figure 3). Hydrophilic complexes will not be retained by the C_{18} resin. Our data show the mercury species in sulfidic systems are consistently retained at high levels by the resin, which indicates that the HgS(s) observed at higher mercury concentrations also dominates at lower, more environmentally relevant concentrations. Modeling efforts elsewhere have shown that uncertainty in thermodynamic constants, particularly the metacinnabar solubility product, makes mercury speciation difficult to predict at environmentally relevant concentrations.[9] Our results provide empirical evidence that a discrete inorganic metacinnabar-like phase is stabilized by dissolved organic matter at mercury concentrations and Hg:DOM ratios that are more representative of natural systems.

Environmental Implications. Conventional filtration methods are insufficient to diagnose the presence or absence of nanosized particles in the environment; however, the potential exists to use a chromatographic approach to detect the presence of mercury-containing nanoparticles. Hsu-Kim and Sedlak[45] noted the adsorption of mercury species to C_{18} resin when a wastewater effluent sample was exposed to sulfide. As that study and another[9] have noted, some of those mercury species are not labile to a strong competing ligand, such as glutathione, whereas dissolved complexes with organic matter are labile. Now that direct observation of mercury speciation has identified metacinnabar (or at least, a metacinnabar-like phase) as a potential source of that nonlabile portion at lower mercury concentrations approaching environmentally relevant concentrations, the potential exists to identify similar species in natural anoxic waters with a chromatographic approach.

Knowledge of the speciation of mercury is paramount in assessing the extent and kinetics of the biologically driven conversion of

mercury into methylmercury. While this study does not attempt to determine the role of speciation in methylation, it provides evidence that sulfate-reducing microbes, which typically reside in sulfide- and organic matter-rich environments, are likely to be exposed to disordered, nanoparticulate metacinnabar stabilized by dissolved organic matter. Our results are consistent with the observation of poorly crystalline, nanometer-scale HgS(s) particles in a mercury contaminated site[11] and illuminate the role of DOM in HgS(s) formation and stabilization. The mechanism of that stabilization, the rate of nanoparticle growth and aggregation, and the role DOM-coated nanoparticulate metacinnabar plays in methylation are critical areas for further research. In addition, the thermodynamics of a nanoparticulate phase are not necessarily well represented by thermodynamic constants of the bulk phase,[46] and thus mercury speciation models may need to account for disordered nanoparticulate HgS(s).

■ ASSOCIATED CONTENT

Supporting Information. Table of the solution composition for the EXAFS samples, a table of thermodynamic constants used to calculate possible mercury speciation, a figure of typical SPE data for DOC and UV−vis-absorbing components, a figure of typical mercury SPE, and a figure of modeled mercury speciation. This material is available free of charge via the Internet at http://pubs.acs.org.

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Shannon Estenoz, Director, Everglades Restoration Initiatives

Thank you,

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You replied on 12/13/2011 9:43 AM.

Nancy Hill [nhill@evergladesfoundation.org]

Sent: Monday, December 12, 2011 10:45 AM
To: Estenoz, Shannon A
Cc: Dawn Armel [darmel@sfrestore.org]

Shannon,

I just wanted to remind you of the Everglades Foundation Executive Committee meeting/teleconference tomorrow at 11:30AM. The call-in information is the following:

Teleconference Call-in #: (b) (4) **Access Code:** (b) (4)

Please confirm with me if you will be calling in. Thanks.

Begin forwarded message:

From: Nancy Hill <nhill@evergladesfoundation.org>
Date: December 9, 2011 11:57:06 AM EST
To: Shannon Estenoz <shannon_estenoz@ios.doi.gov>, Don Jodrey <donald_jodrey@ios.doi.gov>
Subject: Everglades Foundation Teleconference, Tuesday, December 13th @ 11:30 AM EST

Shannon and Don,

Please use the following teleconference information for next Tuesday's Executive Committee meeting:

Teleconference Call-in #: (b) (4) **Access Code:** (b) (4)

You will be listed on the agenda as indicated below. Please let me know if there should be any revision or correction. We look forward to speaking with you.

Update on Water Quality Discussions with State and Federal Governments

Don Jodrey, Counsel and Senior Advisor to Interior Secretary

Reply | Reply to All | Forward

Thank you.

Kirk Fordham [kirkfordham(b) (6)

Sent: Tuesday, December 13, 2011 8:13 AM

This holiday season, thanks to all of you who have committed time, energy, resources and passion to protecting the spectacularly wild and wonderful world we call home.

I thought you might enjoy watching this.

She's Alive:

http://www.youtube.com/embed/nGeXdv-uPaw

(Be sure to view on full screen and turn up sound on your computer.)

Kirk

--

Kirk Fordham
CEO, Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, Florida 33157
(305) 251-0001 x227
(b) (6) mobile

www.evergladesfoundation.org

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RE: Everglades Foundation Teleconference, Tuesday, December 13th @ 11:30 AM E...

Estenoz, Shannon A

Sent: Tuesday, December 13, 2011 9:43 AM
To: Nancy Hill [nhill@evergladesfoundation.org]
Cc: Dawn Armel [darmel@sfrestore.org]

I will be calling in at 11:30.

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Nancy Hill [nhill@evergladesfoundation.org]
Sent: Monday, December 12, 2011 10:45 AM
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Subject: Fwd: Everglades Foundation Teleconference, Tuesday, December 13th @ 11:30 AM EST

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Fantastic news

Estenoz, Shannon A

Sent: Friday, December 16, 2011 2:21 PM

To: 'kfordham@evergladesfoundation.org'

Kirk,

I don't know how she did it, but I am assuming it was Debbie Weatherly who worked miracles to get us 25 million for real estate interests so we can flow water under the TT bridge AND the authority to build the next 5.5 miles of bridging!!! I cannot express how relieved and excited I am about this. What a wonderful Christmas present!!!!

Shannon

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Craig did a great story!

To help protect your privacy, some content in this message has been blocked. If you are sure that this message is from a trusted sender and you want to re-enable the blocked features, click here.
You replied on 12/21/2011 5:23 PM.

Kirk Fordham [kirkfordham(b) (6)

Sent: Wednesday, December 21, 2011 5:07 PM
To: Estenoz, Shannon A; Shannon E [(b) (6)]

Everglades, Kissimmee River restoration projects get boost from federal spending bill

By Craig Pittman, Times Staff Writer
Posted: Dec 21, 2011 04:33 PM

Amid bitter partisan disputes over payroll tax cuts and other budgetary wrangling, the spending bill that Congress passed and President Barack Obama signed contains $142 million for restoring the Everglades and the Kissimmee River.

In a news conference Wednesday U.S. Sen. Bill Nelson, D-Fla., credited a rare bipartisan effort to get the funding pushed through, and praised the work of U.S. Rep. C.W. Bill Young, R-Indian Shores, in keeping the Everglades funding intact in the House.

Meanwhile Kirk Fordham, CEO of the Everglades Foundation, noted the role played by the ongoing presidential race.

"It doesn't hurt that Florida tends to be a swing state in presidential elections," he said.

He said Florida's congressional delegation has done a good job of convincing their colleagues that restoring the Everglades is crucial for the Florida economy. Without it, South Florida will struggle to find enough water, he pointed out.

Nelson and Fordham also singled out a change in attitude by Republican Gov. Rick Scott, who in his first year in office proposed spending only $17 million for the Everglades. The Legislature raised that to nearly $30 million.

Now Scott has requested $40 million for next year, a move that helped persuade Congress that

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RE: Craig did a great story!

Estenoz, Shannon A

Sent: Wednesday, December 21, 2011 5:22 PM

To: Kirk Fordham [kirkfordham@gmail.com]

All that worry for nothing! :) Well done!

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Kirk Fordham [kirkfordham(b) (6)]
Sent: Wednesday, December 21, 2011 5:07 PM
To: Estenoz, Shannon A; Shannon E
Subject: Craig did a great story!

Everglades, Kissimmee River restoration projects get boost from federal spending bill

By Craig Pittman<http://www.tampabay.com/writers/craig-pittman>, Times Staff Writer
Posted: Dec 21, 2011 04:33 PM

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Re: Craig did a great story!

You replied on 12/21/2011 6:38 PM.

Kirk Fordham [kirkfordham(b) (6)

Sent: Wednesday, December 21, 2011 5:33 PM
To: Estenoz, Shannon A

Well, he is a serious reporter who writes for the biggest paper in the state, so even if he doesn't include the info in his story, I hate to not be able to answer fairly basic questions.

It's more about ongoing credibility!

But the bottom line is that it's a good story. Merry Christmas.

On Wed, Dec 21, 2011 at 5:22 PM, Estenoz, Shannon A <Shannon_Estenoz@ios.doi.gov> wrote:

> All that worry for nothing! :) Well done!
>
> Shannon Estenoz
> Director, Everglades Restoration Initiatives
> United States Department of the Interior
> c/o South Florida Ecosystem Restoration Task Force
> Florida International University
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> Miami, FL 33199
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> Fax: (305) 348-1667
> shannon_estenoz@ios.doi.gov
>
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> From: Kirk Fordham [kirkfordham(b) (6)
> Sent: Wednesday, December 21, 2011 5:07 PM
> To: Estenoz, Shannon A; Shannon E
> Subject: Craig did a great story!
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> Everglades, Kissimmee River restoration projects get boost from federal spending bill
>
> By Craig Pittman<http://www.tampabay.com/writers/craig-pittman>, Times Staff Writer
> Posted: Dec 21, 2011 04:33 PM
>
> ---
> <http://license.icopyright.net/rights/tag.act?tag=3.8618?icx_id=1207277>
> Print<http://license.icopyright.net/rights/printServiceGroup.act?tag=3.8618?icx_id=1207277>
> Email<http://license.icopyright.net/rights/emailServiceGroup.act?tag=3.8618?
> icx_id=1207277>

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Re: Craig did a great story!

Estenoz, Shannon A

Sent: Wednesday, December 21, 2011 6:38 PM
To: 'kirkfordham(b) (6)

No doubt! A very merry to you and your three boys!!

From: Kirk Fordham [mailto:kirkfordham(b) (6)
Sent: Wednesday, December 21, 2011 05:33 PM
To: Estenoz, Shannon A
Subject: Re: Craig did a great story!

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> By Craig Pittman<http://www.tampabay.com/writers/craig-pittman>, Times Staff Writer
> Posted: Dec 21, 2011 04:33 PM

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FYI

Kirk Fordham [kirkfordham(b) (6)

Sent: Friday, December 23, 2011 9:47 PM

To: Estenoz, Shannon A; Jodrey, Donald S

http://www.sun-sentinel.com/news/palm-beach/fl-reservoir-problems-south-florida-20111226,0,5215291.story

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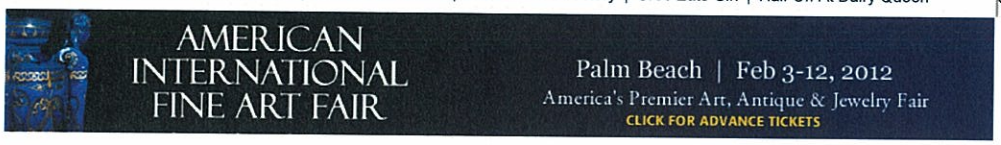

Home > News > Palm Beach

South Florida's rocky reservoir history doesn't stop new water storage proposal

Comments 6 Share 36

By Andy Reid, Sun Sentinel
6:34 p.m. EST, December 26, 2011

One unfinished South Florida reservoir collected more taxpayer money — nearly $280 million — than water.

Another $217 million reservoir has plenty of water, but not the pumps needed to make use of it.

Despite those reservoirs already costing South Florida taxpayers nearly half a billion dollars combined, the push is on to build a third reservoir, expected to cost more than $300 million.

Storing stormwater now drained out to sea has long been billed as the solution to South Florida water supply problems. But actually getting reservoirs built and functional remains an elusive — and expensive — goal.

Video: Check out movie trailers of 2012 Best Picture Oscar Nominees

Topics
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Maps
- C-51/L-8 Basin Mod and Reservoir, Glades, FL 33470, USA

Backers of the new reservoir proposal in Palm Beach County contend it offers a unique opportunity to boost regional water supplies. It would provide an alternative water supply needed for new growth, said project consultant John "Woody" Wodraska.

"It helps the environment. It gives ... flexibility from a water supply standpoint," said Wodraska, former head of the South Florida Water Management District.

That's similar to the pitch used for the other two reservoirs, also in Palm Beach County, that ended up sidetracked by changing political winds and funding problems. South Florida keeps sinking too much money into reservoirs when it should be restoring wetlands and requiring more conservation, said Drew Martin, of the Sierra Club.

"You are basically buying a very expensive solution," Martin said. "The cheaper solution is called conservation."

Palm Beach County Commissioner Karen Marcus questions the potential cost of building another reservoir. She said better use should be made of the existing reservoir.

"I have serious reservations about it," Marcus said. "You already have a pit out there that doesn't seem to be working. There are other options out there that I think ought to be considered."

South Florida averages more annual rainfall than Seattle, but much of that water gets drained out to sea to avoid swamping farms and towns built on what used to be the Everglades or other wetlands.

An Everglades restoration plan approved in 2000 includes building a series of reservoirs that would hold onto more water for both the environment and growing communities.

"Storage is the key to an awful lot of our problems," said Pete Quasius of the Collier County Audubon Society, on Florida's west coast. "We need to look at storage, storage, storage."

Creating that water storage remains a key shortcoming of Everglades restoration efforts.

South Florida reservoir projects include:

The Everglades Agricultural Area Reservoir in southwestern Palm Beach County was intended to become a 16,700 acre, 62 billion gallon water storage facility to supplement water supplies. The South Florida Water Management District in 2008 opted to stop construction and shelve the project after taxpayers had already invested nearly $280 million.

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The district initially blamed the decision to stop mid-construction on a longstanding lawsuit from environmental groups over how to divvy up the water.

But just a few weeks later, the district and Gov. Charlie Crist announced a bid to buy U.S. Sugar Corp. land for Everglades restoration. That ended up changing the timetable and locations of water storage efforts, which have yet to be resolved.

The L-8 Reservoir built from old rock mines at Palm Beach Aggregates, west of Royal Palm Beach, was intended to store water to replenish the Loxahatchee River and supplement community drinking water supplies.

The district's 15 billion gallon, $217 million reservoir was completed in 2008, but it still doesn't include $60 million pumps needed to deliver the water as planned. The district blames water quality problems in the reservoir on a lack of pumps to help circulate the water.

The new reservoir could be built alongside the L-8 Reservoir at Palm Beach Aggregates, collecting stormwater that now drains out to sea through the C-51 canal.

The canal that stretches through West Palm Beach dumps about 217 million gallons of water a day into the Lake Worth Lagoon, washing pollutants in to the lagoon and wasting water that could supplement community supplies.

A new reservoir could reduce the dumping into the lagoon and during droughts provide about 185 million gallons of water a day to restock drinking water well fields in Palm, Broward and eventually Miami-Dade counties, according to district estimates.

The water could be moved south through canals operated by the Lake Worth Drainage District and the cost could end up getting tacked onto South Florida water bills.

An updated cost estimate for the new reservoir is expected soon. Deciding whether to move forward requires determining how to pay for it and how to divvy up the water.

"We will just need to have those debates," said Melissa Meeker, district executive director.

abreid@tribune.com, 561-228-5504 or Twitter@abreidnews

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Check them out: See the new and soon-to-arrive cruise ships for 2012

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James Farentino dies at 73

GM Jeff Ireland says "good is not good enough" for Dolphins

Comments (6)

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Stop It at 9:02 PM December 26, 2011
The 1200 acre 217 million dollar L-8 pit was a scam.The pit is full of salt water forever.The bribes that Enrique Tomeu and Dan Shalloway set up put 3 County commissioners in prison Shalloway's partner was Newell, Masilotti got 20 million and he wasn't the sharpest pencil in the box.Len Lindal, Henry Dean and a whole host of others RIPPED OFF the taxpayers.Now this new scam which the price quoted at the task force meetings is 500 million just sounds like the price of the bribes has doubled.The weasels at LWDD now seem to be part of this truly criminal activity. I hope the FBI gets Shalloway,Tripepe,Tomeu

and every other scumball involved.The taxpayers need to demand a REFUND.Quite frankly Dade and Broward need to stop overbuilding and realize where water comes from, Bergeron and Rinker have 1000's of acres of rock mining pits so why is that not being utilized as water storage?

cgridley01 at 6:10 PM December 26, 2011

S. Fla could have built a plant to change saltwater to fresh with all the money spent over the last 30 years, I remember my water bill was 150 bucks a month when I left in 07, my daughters runs 200 in Boca now, she pays more for water than gas every month, and if half of you knew what was in your water you wouldn't touch it , let alone bathe in it, even the people who make don't know whats in it !!!!

elililly at 9:42 AM December 26, 2011

It would be nice for Lake Worth (the body of water, not the pissant city) if the sediment-laden discharges of the Palm Beach Canal ended, but we really need to get some of these other projects done and operational before we start on another. The Ten Mile Creek WPA in Ft Pierce was another project that was "completed", at a cost of over $20 million, and then couldn't be used. There seems to be a string of these failed water storage attempts in South Florida and we really need to know why it keeps happening before we spend any more money.

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Fwd: Salazar Summit letter

Kirk Fordham [kirkfordham(b) (6)

Sent: Wednesday, December 28, 2011 5:41 PM
To: Jodrey, Donald S; Estenoz, Shannon A
Attachments: DOC122911.pdf (34 KB) [Open as Web Page]; Screen shot 2011-01-20 at ~1.png (14 KB)

Attached is a formal letter for your chief of staff and scheduler.

Hope he can make it!

Sent from my iPhone

Begin forwarded message:

> **From:** Nancy Hill <nhill@evergladesfoundation.org>
> **Date:** December 28, 2011 5:10:54 PM EST
> **To:** Kirk Fordham <kirkfordham(b) (6)
> **Subject: Fwd: Salazar Summit letter**
>
> Begin forwarded message:

EVERGLADES FOUNDATION

December 28, 2011

Ken Salazar, Secretary
U.S. Department of the Interior
1849 C Street, N.W.
Washington DC 20240

Dear Secretary Salazar,

On January 17, 2012, the Everglades Foundation will be hosting the Everglades Water Supply Summit in Tallahassee, Florida. The event is aimed at fostering a dialogue emphasizing the importance of a clean and abundant supply of water to both the future of the Everglades and Florida's economy -- and we hope that your voice will be part of that dialogue.

We would be honored to have you participate at the Summit which runs from 2:00 PM to 4:00 PM at the Florida State University Turnbull Conference Center (555 West Pensacola Street, Tallahassee, Florida 32306-1640). We invite you to be on a panel that will address the next steps in Everglades restoration.

Other confirmed speakers for the Summit include Governor Rick Scott, Senate President Mike Haridopolos, Agriculture Commissioner Adam Putnam, and Paul Tudor Jones, Chair of the Everglades Foundation. Chuck Todd, NBC White House Correspondent will moderate the panel. Your perspectives and your leadership will help educate the next generation of legislators, business people, and environmental advocates on the importance of a healthy Everglades to the natural system and Florida's economy.

I hope that your schedule will allow you to speak on this panel. To RSVP or if you have any other questions please do not hesitate to contact me at kfordham@evergladesfoundation.org. For more information, including lodging and other logistics, please contact my assistant, Nancy Hill at nhill@evergladesfoundation.org.

Sincerely,

Kirk Fordham
CEO

We hope to see you in Tallahassee next month!

18001 Old Cutler Road Suite 625 Palmetto Bay FL 33157
email: info@evergladesfoundation.org tel: 305-251-0001 fax: 305-251-0039 website: evergladesfoundation.org

Reply | Reply to All | Forward

good morning

Kirk Fordham [kirkfordham(b) (6)

Sent: Tuesday, January 03, 2012 11:07 AM
To: Jodrey, Donald S; Estenoz, Shannon A
Attachments: Screen shot 2011-01-20 at ~1.png (14 KB); DOC122911.pdf (34 KB) [Open as Web Page]

Happy 2012! Strap on your seat belt, the next few months are going to be a wild ride!

I want to confirm you received this letter last week.

Since everyone is just digging out on their first day back after the holiday, if you could let me know what we might want to do to help lock down Salazar's participation at the Summit.

Thanks!

---------- Forwarded message ----------
From: **Kirk Fordham** <kirkfordham(b) (6)
Date: Wed, Dec 28, 2011 at 5:41 PM
Subject: Fwd: Salazar Summit letter
To: "donald_jodrey@ios.doi.gov" <donald_jodrey@ios.doi.gov>, Shannon Estenoz <Shannon_Estenoz@ios.doi.gov>

Attached is a formal letter for your chief of staff and scheduler.

Hope he can make it!

Sent from my iPhone

Begin forwarded message:

> **From:** Nancy Hill <nhill@evergladesfoundation.org>
> **Date:** December 28, 2011 5:10:54 PM EST
> **To:** Kirk Fordham <kirkfordham(b) (6)
> **Subject: Fwd: Salazar Summit letter**
>
> Begin forwarded message:

--
Kirk Fordham
CEO, Everglades Foundation
18001 Old Cutler Road, Suite 625

EVERGLADES FOUNDATION

December 28, 2011

Ken Salazar, Secretary
U.S. Department of the Interior
1849 C Street, N.W.
Washington DC 20240

Dear Secretary Salazar,

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Sincerely,

Kirk Fordham
CEO

We hope to see you in Tallahassee next month!

18001 Old Cutler Road Suite 625 Palmetto Bay FL 33157
email: info@evergladesfoundation.org tel: 305-251-0001 fax: 305-251-0039 website: evergladesfoundation.org

Reply | Reply to All | Forward

RE: good morning

Estenoz, Shannon A

Sent: Tuesday, January 03, 2012 11:15 AM
To: Jodrey, Donald S; Kirk Fordham [kirkfordham(b) (6)

Thanks Don. Digging out is right! The past two hours just whipped by like 5 minutes!

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Jodrey, Donald S
Sent: Tuesday, January 03, 2012 11:11 AM
To: Kirk Fordham; Estenoz, Shannon A
Subject: RE: good morning

Yes we received the letter and forwarded it to the Chief of Staff. Since this is our first day back too, let us look into what is going on with scheduling and see where we are before you launch anything our way.

Will get back to you shortly.

From: Kirk Fordham [mailto:kirkfordham(b) (6)]
Sent: Tuesday, January 03, 2012 11:08 AM
To: Jodrey, Donald S; Estenoz, Shannon A
Subject: good morning

Happy 2012! Strap on your seat belt, the next few months are going to be a wild ride!

I want to confirm you received this letter last week.

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Thanks!

---------- Forwarded message ----------
From: **Kirk Fordham** <kirkfordham(b) (6)
Date: Wed, Dec 28, 2011 at 5:41 PM
Subject: Fwd: Salazar Summit letter

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Re: good morning

Kirk Fordham [kirkfordham(b) (6)

Sent: Tuesday, January 03, 2012 12:25 PM
To: Estenoz, Shannon A
Cc: Jodrey, Donald S

The first day back after new year's day always sucks.

Good luck!

On Tue, Jan 3, 2012 at 11:15 AM, Estenoz, Shannon A <Shannon_Estenoz@ios.doi.gov> wrote:

> Thanks Don. Digging out is right! The past two hours just whipped by like 5 minutes!
>
> Shannon Estenoz
> Director, Everglades Restoration Initiatives
> United States Department of the Interior
> c/o South Florida Ecosystem Restoration Task Force
> Florida International University
> 11200 SW 8th Street, OE 165
> Miami, FL 33199
>
> Phone: (305) 348-1665
> Direct Line: (305) 348-1660
> Cell Phone: (b) (6)
> Fax: (305) 348-1667
>
> shannon_estenoz@ios.doi.gov
>
> ---
>
> **From:** Jodrey, Donald S
> **Sent:** Tuesday, January 03, 2012 11:11 AM
> **To:** Kirk Fordham; Estenoz, Shannon A
> **Subject:** RE: good morning
>
> Yes we received the letter and forwarded it to the Chief of Staff. Since this is our first day back too, let us look into what is going on with scheduling and see where we are before you launch anything our way.
>
> Will get back to you shortly.
>
> ---
>
> **From:** Kirk Fordham [mailto:kirkfordham(b) (6)
> **Sent:** Tuesday, January 03, 2012 11:08 AM
> **To:** Jodrey, Donald S; Estenoz, Shannon A

Reply | Reply to All | Forward

RE: good morning

Estenoz, Shannon A

Sent: Tuesday, January 03, 2012 12:40 PM
To: Jodrey, Donald S; Kirk Fordham [kirkfordham(b) (6)

Did someone say cocktails? Is it too early to have one now?

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Jodrey, Donald S
Sent: Tuesday, January 03, 2012 12:37 PM
To: Kirk Fordham; Estenoz, Shannon A
Subject: RE: good morning

Yes, I'm sure we were all having a perfectly nice time not working over the holidays and I was just starting to get used to the leisure time. At least it is a short week (sort of) and we can have one or two cocktails together at the end of the week.

From: Kirk Fordham [mailto:kirkfordham(b) (6)
Sent: Tuesday, January 03, 2012 12:26 PM
To: Estenoz, Shannon A
Cc: Jodrey, Donald S
Subject: Re: good morning

The first day back after new year's day always sucks.

Good luck!

On Tue, Jan 3, 2012 at 11:15 AM, Estenoz, Shannon A <Shannon_Estenoz@ios.doi.gov> wrote:
Thanks Don. Digging out is right! The past two hours just whipped by like 5 minutes!

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University

Reply | Reply to All | Forward

Congressional Chiefs of Staff tour, January 19-20

You replied on 1/4/2012 4:19 PM.

Vivian Miller [vmiller@evergladesfoundation.org]

Sent: Wednesday, January 04, 2012 11:44 AM
To: Estenoz, Shannon A

Attachments: AGENDA January 2012 Congre~1.pdf (113 KB) [Open as Web Page]; ATT00001.htm (211 B)

Hi Shannon, hope your 2012 is off to a good start.

I am attaching the itinerary for a 2-day trip we are hosting for a group of Congressional Chiefs of Staff, can you join us for a portion of this trip? The following have confirmed their attendance:

1. Arthur Estopinan, Chief of Staff, Representative Ileana Ros-Lehtinen
2. Cesar Gonzalez, Chief of Staff, Representative Mario Diaz-Balart
3. Peter Mitchell, Chief of Staff, Senator Bill Nelson
4. Austin Durrer, Chief of Staff, Representative Jim Moran
5. Jonathan Blyth, Chief of Staff, Representative Allen West
6. Josh Rogin, Chief of Staff, Representative Ted Deutch
7. Justin Grabelle, Chief of Staff, Representative Richard Nugent
8. Lale Mamaux, Chief of Staff, Representative Alcee L. Hastings
9. Tom McDaniels, Chief of Staff, Representative Frederica Wilson

Hope you can join us, thanks!

Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
w 305.251.0001 x233 | (b) (6)

One Mission. One Priority. Restoring America's Everglades.

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Everglades Foundation

Congressional Educational Briefings and Site Visits

January 19-21, 2012

Overview:

This is an intensive two-day trip to the greater Everglades ecosystem for key Congressional staff handling environmental legislation affecting this region (Comprehensive Everglades Restoration Plan, Modified Waters Delivery Act, Endangered Species Act, Interior/Energy & Water Appropriations, 2012 Farm Bill). Currently the federal government, working with the State of Florida, is undertaking the world's largest ecosystem restoration project. A wide range of federal agencies have jurisdiction over various components of this initiative, including: the Department of Interior, the U.S. Army Corps of Engineers, the Environmental Protection Agency and the Fish and Wildlife Service.

The purpose of these briefings and the accompanying site visits is to provide key policymaking staff with an overview of the progress made and the challenges still confronting key federal holdings like Everglades National Park and the Big Cypress National Preserve. Participants will focus on legislative proposals in 2012 that will address these issues.

Travel:

Participants fly to Miami International Airport for briefings and site visits. Air & ground transport, overnight lodging and meals provided by Everglades Foundation.

Thursday, January 19, 2012:

7:20 am — Depart Washington, DC
American Airlines Flight 1269

10:05 am — Arrive Miami International Airport
Ground transportation provided to on-site briefings

11:45 am — Arrive at Tamiami Trail, board airboats

Travel through Water Conservation Areas and Big Cypress National Preserve.

Briefing: *Comprehensive Everglades Restoration Plan (CERP)*
Kirk Fordham, CEO, Everglades Foundation
Steve Davis, **Ph.D.,** Wetland Ecologist, Everglades Foundation
Julie Hill-Gabriel, Everglades Policy Director, Audubon of Florida
Carlos Suarez, State Conservationist, USDA Natural Resources Conservation Service

12:30 pm — Lunch Briefing: *Expansion/Creation of National Wildlife Refuges & Utilizing USDA Land and Water Conservation Programs*
Kirk Fordham, Everglades Foundation
Steve Davis, Ph.D., Everglades Foundation
Julie Hill-Gabriel, Audubon of Florida
Carlos Suarez, USDA Natural Resources Conservation Service

1:30 pm — Return to dock, depart for Everglades National Park

2:00 pm — Arrive at Shark Valley

Discussion of Modified Water Deliveries: Tamiami Trail Bridge Project
Kirk Fordham, Everglades Foundation
Steve Davis, Ph.D., Everglades Foundation
Julie Hill-Gabriel, Audubon of Florida
Carlos Suarez, USDA Natural Resources Conservation Service
Dan Kimball, Superintendent, Everglades and Dry Tortugas National Parks
Bob Johnson, Director, South Florida Natural Resources Center (SFNRC), Everglades National Park

4:30 pm — Depart for hotel in Miami

5:30 pm Arrive at hotel in Miami

8:00 pm Dinner Briefing: *Building on 2011 Everglades Restoration Progress: Water Resources Development Act Authorization and Future Goals*
Kirk Fordham, Everglades Foundation
Steve Davis, Ph.D., Everglades Foundation
Julie Hill-Gabriel, Audubon of Florida

Friday, January 20, 2012:

8:00 am Breakfast briefing at hotel: *Everglades Restoration 101: The Economics of Everglades Restoration and An Introduction to Current Federal Issues Affecting the Greater Everglades Ecosystem*
Kirk Fordham, Everglades Foundation
Steve Davis, Ph.D., Everglades Foundation
Julie Hill-Gabriel, Audubon of Florida
Dawn Shireffs, Everglades Restoration Program Manager, National Parks Conservation Association (NPCA)

9:30am Depart for Helicopter Flyover/Site Visits of key CERP projects:
Site visits led by: Kirk Fordham and Steve Davis

- Everglades National Park/Florida Bay
- C-111 Canal Project
- Tamiami Trail/Modified Waters Delivery Project
- Biscayne Bay Coastal Wetlands Project

11:30am Arrive in Islamorada

12:00 pm Lunch and Discussion: *2012 Everglades Appropriations Requests*
Kirk Fordham, Everglades Foundation
Steve Davis, Ph.D., Everglades Foundation
Julie Hill-Gabriel, Audubon of Florida
Dawn Shireffs, NPCA
Dan Kimball, Everglades and Dry Tortugas National Parks
Bob Johnson, SFNRC, Everglades National Park

2:00pm Depart on boats for briefing and site visits: *Critical Issues Affecting Florida Bay estuary, C-111 Canal Project, Water Resources Development Act Reauthorization*
Kirk Fordham, Everglades Foundation
Steve Davis, Ph.D., Everglades Foundation
Julie Hill-Gabriel, Audubon of Florida
Dawn Shireffs, NPCA
Dan Kimball, Everglades and Dry Tortugas National Parks
Bob Johnson, SFNRC, Everglades National Park

4:00pm Return to marina, depart for hotel

8:00 pm Dinner Briefing
Kirk Fordham, Everglades Foundation
Steve Davis, Ph.D., Everglades Foundation
Julie Hill-Gabriel, Audubon of Florida
Dawn Shireffs, NPCA

Overnight at Hotel

Saturday, January 21, 2012:

Depart for Washington, DC.

Reply Reply to All Forward

RE: Congressional Chiefs of Staff tour, January 19-20

Estenoz, Shannon A

Sent: Wednesday, January 04, 2012 4:18 PM
To: Vivian Miller [vmiller@evergladesfoundation.org]

Hi Vivian,

These days look good for me. I have penciled in both, but will let you know for sure on Monday.

S

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Vivian Miller [vmiller@evergladesfoundation.org]
Sent: Wednesday, January 04, 2012 11:44 AM
To: Estenoz, Shannon A
Subject: Congressional Chiefs of Staff tour, January 19-20

Hi Shannon, hope your 2012 is off to a good start.

I am attaching the itinerary for a 2-day trip we are hosting for a group of Congressional Chiefs of Staff, can you join us for a portion of this trip? The following have confirmed their attendance:

1. Arthur Estopinan, Chief of Staff, Representative Ileana Ros-Lehtinen
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7. Justin Grabelle, Chief of Staff, Representative Richard Nugent
8. Lale Mamaux, Chief of Staff, Representative Alcee L. Hastings
9. Tom McDaniels, Chief of Staff, Representative Frederica Wilson

Hope you can join us, thanks!

Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
w 305 251 0001 x233 | c (b) (6)

Reply | Reply to All | Forward

Re: Congressional Chiefs of Staff tour, January 19-20

Vivian Miller [vmiller@evergladesfoundation.org]

Sent: Wednesday, January 04, 2012 4:35 PM
To: Estenoz, Shannon A
Cc: Kirk Fordham [kirkfordham (b) (6)

Thanks Shannon, hope you can make it both days! If not, we'll be happy to have you for any portion of the tour.

Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
w 305.251.0001 x233 | c (b) (6)

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On Jan 4, 2012, at 4:18 PM, Estenoz, Shannon A wrote:

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>
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>
> S
>
> Shannon Estenoz
> Director, Everglades Restoration Initiatives
> United States Department of the Interior
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> shannon_estenoz@ios.doi.gov
>
> ---
>
> **From:** Vivian Miller [vmiller@evergladesfoundation.org]
> **Sent:** Wednesday, January 04, 2012 11:44 AM
> **To:** Estenoz, Shannon A
> **Subject:** Congressional Chiefs of Staff tour, January 19-20

Reply | Reply to All | Forward

fyi

You forwarded this message on 1/6/2012 5:46 PM.

Kirk Fordham [kirkfordham(b) (6)]

Sent: Friday, January 06, 2012 5:44 PM
To: Estenoz, Shannon A; Jodrey, Donald S

Friends of the Everglades critical of EPA stance
on Everglades restoration
By Virginia Chamlee | 01.06.12 | 10:54 am
EPA Administrator Lisa Jackson (Pic by
USACEpublicaffairs, via Flickr)
The environmental group Friends of the Everglades is responding to EPA Administrator Lisa Jackson's
decision to address the Everglades Coalition later today by saying in a press release that Jackson's "rosy
outlook on the Everglades" is "long on promises but short on progress."
Jackson, along with other government officials, will be discussing plans for continuing historic progress in
Everglades restoration. They will be joined by area business leaders, elected officials and environmentalists.
Friends of the Everglades is currently a lead plaintiff in federal litigation over water quality proceedings in
the Miami courtroom of federal judge Alan Gold, who ruled in April that the state of Florida has failed to
protect the threatened Everglades and that the EPA must step in to enforce anti-pollution rules.
Gold was harshly critical of environmental action (or inaction, as the case may be) taken by Gov. Rick
Scott. "Simply stated, the entire situation is rapidly sliding backwards," Gold wrote in his order.
Still, says Friends of the Everglades, the EPA is proceeding with an excess of caution under severe pressure
by industry and the state. "If environmentalists had a nickel for every politician who claimed to be in favor
of saving the Everglades, we'd all be flying in private jets like the sugar barons," said Friends president
Alan Farago in a press release.
From the Friends press release:
Corporate polluters continue to exert undue influence and pressure on the outcome of taxpayer initiatives to restore the Everglades Judge Gold has already insisted that the EPA provide enforceable remedies for ongoing violation of federal pollution standards in the Everglades. Any agreement between the EPA and State of Florida must include the enforceable remedies required by Judge Gold. To date, the state has declined to negotiate a lasting settlement and is adopting, instead, a piece-meal position.
On Thurs., Jan. 12, both the EPA and the state will participate in a conference with Judge Gold, to discuss
the status of the litigation.
A public hearing sponsored by EPA according to federal permitting requirements will be held on March 13

Reply | Reply to All | Forward

We are so happy!

Estenoz, Shannon A

Sent: Friday, January 06, 2012 9:23 PM

To: 'kfordham@evergladesfoundation.org'

We are on our second small plates at Maple 11 and are just in heaven! Thanks for the recommendation!

Reply | Reply to All | Forward

Re: We are so happy!

Kirk Fordham [kirkfordham(b) (6)

Sent: Friday, January 06, 2012 9:51 PM

To: Estenoz, Shannon A

I'm glad you went there! Are you staying for drinks?

Sent from my iPhone

On Jan 6, 2012, at 9:23 PM, "Estenoz, Shannon A" <Shannon_Estenoz@ios.doi.gov> wrote:

> We are on our second small plates at Maple 11 and are just in heaven! Thanks for the recommendation!

Reply | Reply to All | Forward

Re: Congressional Chiefs of Staff tour, January 19-20

Vivian Miller [vmiller@evergladesfoundation.org]

Sent: Monday, January 09, 2012 4:11 PM

To: Estenoz, Shannon A

Hi there, just checking in. Are you able to join us for one or both days? Please let me know, thanks!

Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
w 305.251.0001 x233 | c (b) (6)

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>
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>
> Shannon Estenoz
> Director, Everglades Restoration Initiatives
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> Cell Phone: (b) (6)
> Fax: (305) 348-1667
> shannon_estenoz@ios.doi.gov
>
> ---
>
> **From:** Vivian Miller [vmiller@evergladesfoundation.org]
> **Sent:** Wednesday, January 04, 2012 11:44 AM
> **To:** Estenoz, Shannon A
> **Subject:** Congressional Chiefs of Staff tour, January 19-20
>
> Hi Shannon, hope your 2012 is off to a good start.

Reply | Reply to All | Forward

Everglades Summit Panelists - Conference Call, Wednesday, 1/11 @ 4:00 PM EST'

Nancy Hill [nhill@evergladesfoundation.org]

Sent: Monday, January 09, 2012 5:59 PM

Cc: Jerry Karnas [jkarnas@evergladesfoundation.org]

Ladies and Gentlemen Panelists and Associates,

Please note that there will be a teleconference scheduled for this **Wednesday, January 11th @ 4:00 PM EST** to review the panel discussions at the upcoming Everglades Summit next Tuesday, January 17th. Please use the following conference access:

Call-in #: (b) (4) **Access Code:** (b) (4)

The following is a preliminary panel schedule. Additional information will be provided prior to Wednesday's teleconference.

Please forward this information along to the appropriate party if needed.

I. Water Supply:

1. Panelists:

-Palm Beach City Commissioner Kim Mitchell

-Mike Sole -Vice President, Florida Power and Light

-FL Representative Will Weatherford

-Melissa Meeker Executive Director South Florida Water Management District

-Jo- Ellyn Darcy-Deputy Secretary Army Corp of Engineers

II. Water Quality

1. Panelists:

-FL Senator Jack Latvala and FL Senator Paula Dockery

-FL Department of Environmental Protection Secretary Hershel Vinyard

-Guy Harvey, Marine wildlife artist and conservationist

-Tamara Pigott- Executive Director Lee County Tourism

-Gwendolyn Flemming- Region 4 US EPA Administrator (Tentative)

Reply | Reply to All | Forward

Fwd: another downgrade for SFWMD due to passage of SB 2142

Kirk Fordham [kirkfordham(b) (6)]

Sent: Wednesday, January 11, 2012 12:29 AM

To: Estenoz, Shannon A

Shannon,

I heard today that one of y(b) (6)

I'm not certain whic(b) (6) r what is happening, but I hope it isn't serious.

No need to reply.

Just know that I'm thinking of you and praying all is going well.

Kirk

---------- Forwarded message ----------
From: **Kirk Fordham** <kirkfordham(b) (6)
Date: Wed, Jan 11, 2012 at 12:22 AM
Subject: another downgrade for SFWMD due to passage of SB 2142
To: "Morgan, Curtis - Miami" <CMorgan@miamiherald.com>

http://www.marketwatch.com/story/fitch-downgrades-south-florida-water-management-district-cops-to-aa-outlook-stable-2012-01-10

--
Kirk Fordham
CEO, Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, Florida 33157
(305) 251-0001 x227
(b) (6) mobile

www.evergladesfoundation.org

--
Kirk Fordham
CEO, Everglades Foundation
18001 Old Cutler Road, Suite 625
Palmetto Bay, Florida 33157
(305) 251-0001 x227
(b) (6) mobile

Reply | Reply to All | Forward

Updated Itinerary for Congressional Staff Trip, Jan 19 & 20

You replied on 1/18/2012 3:28 PM.

Vivian Miller [vmiller@evergladesfoundation.org]

Sent: Tuesday, January 17, 2012 1:58 PM

To: Julie Hill-Gabriel [jhill-gabriel@audubon.org]; Dawn Sherriffs [dshirreffs@npca.org]; Estenoz, Shannon A

Attachments: AGENDA January 2012 Congre~1.doc (51 KB) [Open as Web Page]; ATT00001.htm (211 B)

Please see attached an updated itinerary for this Thursday and Friday's trip. Note that we will transport the group from Miami Int'l Airport directly to Tamiami Trail - please let me know if you will meet us at the airport or at Tigertail's dock.

On Thursday, we will depart the Biltmore Hotel via shuttle bus and depart from MIA for the helicopter tour. We will land in Islamorada and spend the night in Key Largo, so you may prefer to meet us at the Biltmore and leave your car until the following day.

Shannon - please let me know if you will need a hotel room in Miami and/or Key Largo.

Many thanks,

Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
w 305.251.0001 x233 | c (b) (6)

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Everglades Foundation

Congressional Educational Briefings and Site Visits

January 19-21, 2012

Overview:

This is an intensive two-day trip to the greater Everglades ecosystem for key Congressional staff handling environmental legislation affecting this region (Comprehensive Everglades Restoration Plan, Modified Waters Delivery Act, Endangered Species Act, Interior/Energy & Water Appropriations, 2012 Farm Bill). Currently the federal government, working with the State of Florida, is undertaking the world's largest ecosystem restoration project. A wide range of federal agencies have jurisdiction over various components of this initiative, including: the Department of Interior, the U.S. Army Corps of Engineers, the Environmental Protection Agency and the Fish and Wildlife Service.

The purpose of these briefings and the accompanying site visits is to provide key policymaking staff with an overview of the progress made and the challenges still confronting key federal holdings like Everglades National Park and the Big Cypress National Preserve. Participants will focus on legislative proposals in 2012 that will address these issues.

Travel:

Participants fly to Miami International Airport for briefings and site visits. Air & ground transport, overnight lodging and meals provided by Everglades Foundation.

Thursday, January 19, 2012:

7:20 am — Depart Washington, DC
American Airlines Flight 1269

10:05 am — Arrive Miami International Airport
Ground transportation provided to on-site briefings

11:45 am — Arrive at Tamiami Trail, Tigertail Airboat Tours

Board airboats and travel through Water Conservation Areas and Big Cypress National Preserve.

Briefing: *Comprehensive Everglades Restoration Plan (CERP)*
Steve Davis, **Ph.D.,** Wetland Ecologist, Everglades Foundation
Shannon Estenoz, Director, Everglades Restoration Initiatives, US Dept. of Interior
Kirk Fordham, CEO, Everglades Foundation
Julie Hill-Gabriel, Everglades Policy Director, Audubon of Florida
Carlos Suarez, State Conservationist, USDA Natural Resources Conservation Service

12:30 pm — Arrive at tree island

Lunch Briefing: *Expansion/Creation of National Wildlife Refuges & Utilizing USDA Land and Water Conservation Programs*
Steve Davis, Ph.D., Everglades Foundation
Shannon Estenoz, US Dept. of Interior
Kirk Fordham, Everglades Foundation
Julie Hill-Gabriel, Audubon of Florida
Carlos Suarez, USDA Natural Resources Conservation Service

1:30 pm — Return to dock, depart for Everglades National Park

2:00 pm — Arrive at Shark Valley

Discussion of Modified Water Deliveries: Tamiami Trail Bridge Project
Steve Davis, Ph.D., Everglades Foundation
Shannon Estenoz, US Dept. of Interior
Kirk Fordham, Everglades Foundation
Julie Hill-Gabriel, Audubon of Florida
Bob Johnson, Director, South Florida Natural Resources Center (SFNRC), Everglades National Park
Dan Kimball, Superintendent, Everglades and Dry Tortugas National Parks
Carlos Suarez, USDA Natural Resources Conservation Service

4:30 pm Depart for hotel in Miami

5:30 pm Arrive at hotel in Miami

8:00 pm Fontana Restaurant, Biltmore Hotel

Dinner Briefing: *Building on 2011 Everglades Restoration Progress: Water Resources Development Act Authorization and Future Goals*
Steve Davis, Ph.D., Everglades Foundation
Kirk Fordham, Everglades Foundation
Julie Hill-Gabriel, Audubon of Florida
Mr. and Mrs. Robert Parks (Lynn), Board member, Everglades Foundation
Carlos Suarez, USDA Natural Resources Conservation Service

Friday, January 20, 2012:

8:00 am Brickell Room, Conference Center of the Americas

Breakfast briefing: *Everglades Restoration 101: The Economics of Everglades Restoration and An Introduction to Current Federal Issues Affecting the Greater Everglades Ecosystem*
Steve Davis, Ph.D., Everglades Foundation
Kirk Fordham, Everglades Foundation
Julie Hill-Gabriel, Audubon of Florida
Dawn Shireffs, Everglades Restoration Program Manager, National Parks Conservation Association (NPCA)

11:00 am Depart hotel

11:30 am Arrive at Landmark Aviation, 5700 NW 36th Street, Miami FL 33122
Depart for Helicopter Flyover/Site Visits of key CERP projects:

Site visits led by: Kirk Fordham and Steve Davis

- Everglades National Park/Florida Bay
- C-111 Canal Project
- Tamiami Trail/Modified Waters Delivery Project
- Biscayne Bay Coastal Wetlands Project

12:30 pm Arrive in Islamorada, Cheeca Lodge

Lunch and Discussion: *Everglades National Park Restoration Efforts*
Kirk Fordham, Everglades Foundation
Steve Davis, Ph.D., Everglades Foundation
Julie Hill-Gabriel, Audubon of Florida
Dawn Shireffs, NPCA
Dan Kimball, Everglades and Dry Tortugas National Parks
Bob Johnson, SFNRC, Everglades National Park

2:30pm Proceed to dock, depart on boats for briefing and site visits: *Critical Issues Affecting Florida Bay estuary, C-111 Canal Project, Water Resources Development Act Reauthorization*
Jennifer Connor, Director of Federal Government Relations, The Nature Conservancy
Steve Davis, Ph.D., Everglades Foundation
Kirk Fordham, Everglades Foundation
Julie Hill-Gabriel, Audubon of Florida
Bob Johnson, SFNRC, Everglades National Park
Dan Kimball, Everglades and Dry Tortugas National Parks
Dawn Shireffs, NPCA

Boat Captains: Xavier Figueredo, Chris Bergh (The Nature Conservancy) and Rob Clift (NPCA)

5:00pm Return to marina

6:00pm Arrive at Pierre's Restaurant for Sunset Cocktails

7:00 pm Arrive at Morada Bay Beach Café

Dinner Briefing: *2012 Appropriations Requests*
Mr. and Mrs. Chris Buckley (Marguerite), Board member, Everglades Foundation
Steve Davis, Ph.D., Everglades Foundation

Kirk Fordham, Everglades Foundation
Peter Frezza, Research Manager, Audubon of Florida
Julie Hill-Gabriel, Audubon of Florida
Dawn Shireffs, NPCA
Megan Tinsley, Everglades Policy Associate, Audubon of Florida

Overnight at Hotel (Key Largo)

Saturday, January 21, 2012:

9:00 am – 10:00 am

Breakfast Briefing: *2012 Farm Bill, Reforming US Sugar Policy*
Kirk Fordham, Everglades Foundation
Steve Davis, Ph.D., Everglades Foundation
Julie Hill-Gabriel, Audubon of Florida
Dawn Shireffs, NPCA

Depart for Miami for flights to Washington, DC.

Reply | Reply to All | Forward

Re: Updated Itinerary for Congressional Staff Trip, Jan 19 & 20

Estenoz, Shannon A

Sent: Wednesday, January 18, 2012 3:28 PM
To: 'vmiller@evergladesfoundation.org'

Vivian,

I am thinking of joining you guys on Thursday for the airboat ride, lunch and Shark Valley. Is there someone from FWS joining lunch on Thursday too to talk about Headwaters?

S

From: Vivian Miller [mailto:vmiller@evergladesfoundation.org]
Sent: Tuesday, January 17, 2012 01:58 PM
To: Julie Hill-Gabriel <jhill-gabriel@audubon.org>; Dawn Sherriffs <dshirreffs@npca.org>; Estenoz, Shannon A
Subject: Updated Itinerary for Congressional Staff Trip, Jan 19 & 20

Please see attached an updated itinerary for this Thursday and Friday's trip. Note that we will transport the group from Miami Int'l Airport directly to Tamiami Trail - please let me know if you will meet us at the airport or at Tigertail's dock.

On Thursday, we will depart the Biltmore Hotel via shuttle bus and depart from MIA for the helicopter tour. We will land in Islamorada and spend the night in Key Largo, so you may prefer to meet us at the Biltmore and leave your car until the following day.

Shannon - please let me know if you will need a hotel room in Miami and/or Key Largo.

Many thanks,

Vivian Miller
Director of Education and Outreach
EVERGLADES FOUNDATION
w 305.251.0001 x233 | (b) (6)

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Re: Updated Itinerary for Congressional Staff Trip, Jan 19 & 20

Vivian Miller [vmiller@evergladesfoundation.org]
Sent: Wednesday, January 18, 2012 4:16 PM
To: Estenoz, Shannon A

Great! No one from FWS is coming to lunch.

Vivian

On Jan 18, 2012, at 3:28 PM, "Estenoz, Shannon A" <Shannon_Estenoz@ios.doi.gov> wrote:

> Vivian,
>
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> Many thanks,
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> Vivian Miller
> Director of Education and Outreach
> **EVERGLADES FOUNDATION**
> w 305.251.0001 x233 | c(b) (6)

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RE: time to talk sometime?

Estenoz, Shannon A

Sent: Thursday, January 19, 2012 10:42 AM
To: Yvonne Gsteiger [ygsteiger@evergladesfoundation.org]

Sure! I am out of pocket for most of the rest of the day (at the Foundation's Congressional field trip). I am around tomorrow aftenoon though.

Shannon Estenoz
Director, Everglades Restoration Initiatives
United States Department of the Interior
c/o South Florida Ecosystem Restoration Task Force
Florida International University
11200 SW 8th Street, OE 165
Miami, FL 33199

Phone: (305) 348-1665
Direct Line: (305) 348-1660
Cell Phone: (b) (6)
Fax: (305) 348-1667
shannon_estenoz@ios.doi.gov

From: Yvonne Gsteiger [ygsteiger@evergladesfoundation.org]
Sent: Thursday, January 19, 2012 8:49 AM
To: Estenoz, Shannon A
Subject: time to talk sometime?

Can we schedule some time to talk about credits (or I guess DEP refers to it as the ledger)? My board is interested and while I know it, I need to understand lots more and particularly some of the details.
thanks!

Yvonne Gsteiger, Esq.
Director of Grants and External Affairs
Everglades Foundation
625 N. Adams Street
Tallahassee, FL 32301
Cell: (b) (6)
E-mail: ygsteiger@evergladesfoundation.org
Web: www.evergladesfoundation.org

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