

# MEETING SUMMARY

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## SOUTH FLORIDA ECOSYSTEM RESTORATION WORKING GROUP SPONSORED PUBLIC WORKSHOP

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### CENTRAL EVERGLADES PLANNING PROJECT

Indian RiverSide Park  
Francis Langford Dockside Pavilion, 2<sup>nd</sup> Floor  
1707 NE Indian River Drive  
Jensen Beach, FL  
June 26, 2012  
9:00 AM – 4:00 PM

### Central Everglades Planning Project Workshop

#### 1. Welcome and Introductions

Barry Rosen, Working Group  
Vice Chair  
Allyn Childress, SFERTF

The workshop began at 9:06 am. Barry Rosen opened the meeting and welcomed everyone to the workshop.

Barry introduced Commissioner Patrick Hayes of Martin County. He welcomed everyone and then introduced Mayor Jacqui Thurlow-Lippisch of Sewall's Point, Commissioner Ed Fielding of Martin County, and Commissioner Anne Scott, Town of Jupiter Island. Barry then invited everyone else to do brief self introductions.

#### 2. Meeting Procedures and Ground Rules

Allyn Childress

Allyn explained the groundrules, that the workshop is being webcast, gave logistics for lunch, and asked people to use microphones. She explained that Evergladesrestoration@yahoo.com was available for comments to be sent in for the public record and may be addressed during the workshop, time permitting.

#### 3. CEPP Overview

Kim Taplin

Kim Taplin went over the CEPP including the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> generation projects. She explained the north of the redline components being considered including Flow Equalization Basins (FEBs), storage reservoirs, and stormwater treatment areas (STAs). She described the lands north of the redline including A1 and A2. She explained the additional average Annual Flow to Everglades graph. She explained that you could determine the amount of storage needed to achieve different amounts of additional water.

Kim's presentation can be found at:

[http://www.sfrestore.org/cepp/meetings/062612/cepp\\_update.pdf](http://www.sfrestore.org/cepp/meetings/062612/cepp_update.pdf)

The following lists the discussion participants and the order in which they spoke:

Martha Musgrove  
Pete Quasius  
Kevin Stinnette  
Matt Morrison  
Comm. Ed Fielding

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Kim Taplin  
Mark Perry  
Kim Taplin  
Matt Morrison

## 4. System Scale Perspectives – Storage and Estuary Events

Walter Wilcox

Walter Wilcox explained the realities of the system and the realities of the CEPP. He noted that the CEPP probably would not have a significant impact on the estuaries since it is a relatively small amount of water, considering the amount the system gets during the rainy season. He explained that 450,000 acre feet from the lake and about 1,200,000 acre feet of basin run off are moved through the Caloosahatchee through LORS. For the St. Lucie it is about 200,000 acre feet from the lake and 300,000 for basin runoff. He showed that only 60,000 acre feet goes south to the Everglades from the lake. He explained it is worse during the wet season and showed how the water moved south is actually smaller. He gave these numbers as a reference of scale to show the starting point before CEPP. He explained that each event is about 2.5 million acre feet so the CEPP isn't going to address that volume. He discussed the 1<sup>st</sup> and 2<sup>nd</sup> generation projects C-43 and IRL. He noted that CEPP comes in as a complement to start addressing (not fix) the lake problem. He explained that ASR was supposed to provide 1.5 million acre feet and CERP had about 500,000 acre feet above ground so about 2 million acre feet of storage was envisioned in CERP. He went over the Northern Everglades and the River of Grass (ROG) numbers. He explained the range of storage options for CEPP and that they are about 10% of the amount of total amount of storage needed envisioned. He explained that CEPP is a large improvement of water flows.

Walter's presentation can be found at:

[http://www.sfrestore.org/cepp/meetings/062612/WG\\_SystemScale.pdf](http://www.sfrestore.org/cepp/meetings/062612/WG_SystemScale.pdf)

The following lists the discussion participants and the order in which they spoke:

Tom MacVicar  
Walter Wilcox  
Mark Perry  
Steve Davis  
Walter Wilcox  
Rae Ann Wessel  
Walter Wilcox  
Liberta Scotto  
Bret Hauquitz  
Barron Moody  
Walter Wilcox  
Pete Quasius  
Rae Ann Wessel  
Barron Moody  
Susan Kaynor  
Walter Wilcox  
Tom MacVicar  
Mark Perry  
Walter Wilcox  
Rae Ann Wessel

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Walter Wilcox  
Martha Musgrove  
Kevin Stinnette  
Matt Morrison

### **5. Lake Okeechobee and Northern Estuaries – What's Important and Why, Screening Criteria, and Results**

Susan Gray

Susan Gray introduced Bruce Sharfstein who went over the ecology of the Lake and harmful damages that can occur in the lake ecology. He discussed the Lake Performance Measures approved by RECOVER. He went over the evaluation results.

Bruce's presentation can be found at:

[http://www.sfrestore.org/cepp/meetings/062612/alternative\\_evaluation.pdf](http://www.sfrestore.org/cepp/meetings/062612/alternative_evaluation.pdf)

Patti Gorman discussed the RECOVER PM Targets, flows above 2000 CSF for ST Lucie Estuary. She noted that the Oyster Mortality in 1998 and 1999 related to the salinity of 3 ppt (parts per thousand). She showed some of the Caloosahatchee salinity monitoring and discussed the preferred salinity range and the associated flows needed. She showed the harmful discharges from S-80 and the dying seagrasses. She showed aerial photos of the colored water moving through St Lucie estuary.

Patti reminded the group that we are going through the screening level. She went over the results for S-79 and S-80 performance, noting that less is better. She noted that the S-80 needs some base flow and it is better to get it from ground water and tributaries. She explained that the differences between alternatives are not that significant. She went over the details of the C-44 and C-43 reservoirs and discussed the associated STA. She noted that with salinity levels high for 2 weeks or less the oysters could still survive.

Patti's presentation can be found at:

[http://www.sfrestore.org/cepp/meetings/062612/Northern\\_Estuary\\_Model.pdf](http://www.sfrestore.org/cepp/meetings/062612/Northern_Estuary_Model.pdf)

The following lists the discussion participants and the order in which they spoke:

Pete Quasius  
Mark Perry  
Paul Millar  
George Julio  
Matt Morrison  
George Julio  
Comm. Patrick Hayes  
Steve Davis  
Walter Wilcox  
George Jones  
Mayor Jacqui Thurlow-Lippisch  
Bret Hauquitz  
Kim Taplin

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### 6. Lake Okeechobee Simulation Scenarios – Interactive Group Exercise

Allyn Childress

Allyn welcomed everyone back at 1:40PM. She introduced Calvin Neidrauer from the SFWMD who has developed a computer simulation regarding Lake Okeechobee releases.

Calvin Neidrauer explained the SFWMD water summits put together by former Executive Director Carol Wehle. He explained typical Lake Okeechobee and estuary flows. He talked about the 2008 Interim Regulation schedule LORS. He went over the simulation parameters and explained the many options for each area. He said that it mimics a real year. He said if you keep it in the black band then you get no penalty points. He said the Everglades is a little more difficult because it is dependent on the Everglades flow target and it changes every month. He went over some of the past scores and the penalty structure.

Each table of workshop participants was assigned a month of the year to provide their release options. Cal entered their selections and then went over the resulting output of each month. The group went over the results and the overall scores were posted.

Cal's presentation can be found at:

[http://www.sfrestore.org/cepp/meetings/062612/LakeO\\_OperationsSimulationExercise.pdf](http://www.sfrestore.org/cepp/meetings/062612/LakeO_OperationsSimulationExercise.pdf)

### 7. Alternative Development – What Needs to Be Considered

Allyn Childress

Barry and Allyn opened up the workshop to general discussion.

Kim Taplin also provided the rest of her presentation regarding the screening results. Kim's presentation can be found at:

[http://www.sfrestore.org/cepp/meetings/062612/cepp\\_update.pdf](http://www.sfrestore.org/cepp/meetings/062612/cepp_update.pdf)

The following lists the discussion participants and the order in which they spoke:

Karl Wickstrom  
Mark Perry  
Name unknown  
Comm. Ed Fielding  
Kevin Stinnette  
Peter Quasius  
Bret Hauquitz  
George Julio  
Charles Grande  
Bud Jordan  
Name unknown  
Walter Wilcox  
Martha Musgrove  
Shannon Estenoz

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### **8. Closing Comments and Adjourn**

Barry Rosen  
Allyn Childress

Allyn thanked Kim Taplin and recognized how hard the expedited process is and explained why we have workshops.

Barry announced the PDT meeting Monday. Barry asked for closing comments.

The following lists the discussion participants and the order in which they spoke:

Mark Perry  
Kim Taplin  
Rae Ann Wessel  
Kim Taplin  
Shannon Estenoz  
Megan Tinsley