

**Quarterly Meeting of the
Technical Oversight Committee (TOC)**

Tuesday, March 24, 2009

South Florida Water Management District
3301 Gun Club Road, West Palm Beach, FL 33406

TOC Representatives:

Garth Redfield, TOC Chair, SFWMD
Nick Aumen, NPS/ENP
Jim Riley, USACE (by phone)

Mike Waldon, USFWS/Refuge (by phone)
Ken Weaver, FDEP (by phone)

Note: This meeting was recorded by a court reporter and copies are available for purchase; contact Rufino Osorio in the SFWMD's Office of Counsel (561-682-6261). Handouts and presentations are also available on the TOC web site (<http://www.sfwmd.gov/toc>).

10:00 a.m. **TOC Meeting called to order by TOC Chair**

10:00 a.m. **Agenda Item #1. Approval of TOC meeting notes from January 29, 2009 meeting –**
Garth Redfield, SFWMD.

The minutes from the January 29, 2009 meeting (**Attachment 1**) have been posted on the TOC web site and no comments were received prior to the March 24 meeting. Minutes from the January 29 meeting were approved with minor modifications.

- ➔ **Action Item #1:** Garth Redfield will post the final minutes from the January 29, 2009 quarterly TOC meeting on the TOC web site in May 2009.
- ➔ **Action Item #2:** Garth Redfield will post the draft minutes from the March 24, 2009 quarterly TOC meeting on the TOC web site by May 15, 2009.
- ➔ **Action Item #3:** TOC representatives will review and approve the March 24, 2009 meeting minutes electronically by the June 30, 2009 quarterly meeting.
- ➔ **Action Item #4:** Nick Aumen will provide a summary of the Department of the Interior's (DOI) position regarding data analysis issues on Shark River Slough inflows discussed at the January 29, 2009 meeting.
- ➔ **Action Item #5:** Garth Redfield will post a response to DOI on the TOC web site.
- ➔ **Action Item #6:** Since no one has asked for a field trip to examine the current status of C-111 (Action Item #6, January 29, 2009 minutes), Nick Aumen will work with parties from the District and USACE to make a presentation at a future meeting detailing the current status of C-111 and a timeline of the project.

10:15 a.m. **Agenda Item #2. Presentation of the Settlement Agreement Report –** Pamela Lehr, SFWMD

Pam Lehr presented the Fourth Quarter 2008 Settlement Agreement Report. Copies of the report (**Attachment 2**) and presentation (**Attachment 3**) were distributed.

- ➔ **Action Item #7:** Garth Redfield will post final data for the first quarter of 2009 Refuge TP compliance tracking since the preliminary February 2009 levels were the lowest recorded to date.
- ➔ **Action Item #8:** Mike Waldon will investigate the low and non-detect TP concentrations observed in Refuge samples collected during February 2009 and provide an update at the June 30 TOC meeting. Data are available in the Refuge's monthly sampling report posted for the June 30, 2009 meeting.
- ➔ **Action Item #9:** Cheol Mo will update the phosphorus rule data and make these available on the TOC web site.

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- 10:30 a.m. **Agenda Item #3A. Update on STAs and Related Projects** – Tracey Piccone and Jeff Kivett, SFWMD
- Tracey Piccone and Jeff Kivett presented an update on the STAs and related projects. Copies of the presentation are available on the TOC web site.
- TOC panel members asked for a presentation on the River of Grass project. This may occur in the future. In the meantime, all public presentations made to date are available on the River of Grass web site (http://www.sfwmd.gov/portal/page?_pageid=2814,21528603&_dad=portal&_schema=PORTAL).
- Copies of the most recent South Florida Environmental Report (SFER) were made available to TOC members and attendees of the meeting. Representatives are welcome to email suggestions to Garth Redfield regarding any additional information that should be reported in the SFER.
- 10:55 a.m. **Agenda Item #3B. Update on Refuge Monitoring and Modeling** – Mike Waldon and Matt Harwell, USFWS
- Matt Harwell summarized data from the USFWS Refuge monitoring program, which was posted on the TOC Web site (**Attachment 4**).
- Mike Waldon discussed the modeling efforts and announced the Technical Advisory Panel for the Refuge modeling program is having a meeting that is open to the public on May 11 at the Refuge.
- ➔ **Action Item #10:** Matt Harwell will distribute the list of publications resulting from the Refuge’s monitoring work to the TOC. Annual reports of the program are available through the SOFIA web site (http://sofia.usgs.gov/lox_monitor_model/).
- 11:00 a.m. **Agenda Item #4. Monitoring Changes for Structures into WCA-2A for TOC Review and Approval** – Peter Rawlik, SFWMD
- Peter Rawlik made a presentation regarding proposed monitoring reengineering in Water Conservation Area 2A. Copies of the presentation (**Attachment 5**) were distributed.
- ➔ **Action Item #11:** Peter Rawlik will check the parameter list for ELM modeling needs.
 - ➔ **Action Item #12:** Peter Rawlik will email a document to TOC representatives from Frank Nearhoof that justifies using S145 as a valid surrogate for S144 and S146.
 - ➔ **Action Item #13:** Peter Rawlik will provide statistical analysis results (prepared by Cheol Mo and Nenad Iricanin) to Bill Walker showing S7 medians during flow and non-flow events.
 - ➔ **Action Item #14:** Peter Rawlik will provide a table summarizing the WCA-2A sampling recommendations that will accompany the March 24 meeting minutes.
 - ➔ **Action Item #15:** TOC members will review the changes and discuss any concerns at the next meeting.
 - ➔ **Action Item #16:** Garth Redfield will post a link to RECOVER MAP review comments on the TOC web site after the comments become available online.

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TOC **approved** the proposed changes with requests for the addition of calcium to the modeling set and reverse flow monitoring at G-338.

→ **Action Item #17:** Jim Riley will review the WCA-2A reengineering recommendations and submit any comments to Garth Redfield within 10 days (April 3).

12:30 p.m.

TOC Chair called for other questions a public comment

→ **Action Item #18:** Nick Aumen will prepare a one to two page summary of the Refuge modeling program and present an update at the next meeting to respond to questions from various TOC members and interested parties.

12:35 p.m.

Meeting adjourned