

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

Tuesday, March 2, 2010

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
Sean Smith, USACE

Mike Waldon, USFWS/Refuge
John Outland, FDEP (by phone)

Note: This meeting was recorded by a court reporter and copies are available for purchase; contact Florida Court Reporting (561-689-0999). Handouts and presentations are also available on the TOC web site (www.sfwmd.gov/toc).

10:05 a.m. **TOC Meeting Called to Order by TOC Chair**

10:10 a.m. **Modifications to the Agenda and Announcement of Documents Available on the TOC Web Site** – Garth Redfield, SFWMD

A request by the Chair for TOC Updates (items 4A-4D) to be moved ahead of 3A and 3B on the Agenda was accepted.

Agenda Item #1, December 15, 2009, TOC minutes were approved.

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

Pam Lehr, SFWMD, presented the Settlement Agreement Report for the Fourth Quarter of 2009. A question regarding the continuing tendency of TP concentrations to be close to or above compliance limits for Shark River Slough was asked, The discussion focused on a number of aspects, including whether recent numbers were part of a seasonal or a longer-term trend.

10:25 a.m. **Agenda Item #4A. Status Update on Future Water Quality Strategies for the Refuge** – Kenneth Ammon, SFWMD

Kenneth Ammon, SFWMD, presented an update on the efforts by State and Federal partners to examine ways to respond to phosphorus exceedances in the Refuge in November 2008 and June 2009 and prevent future occurrences.

➔ **Action Item #1:** Greg Knecht, FDEP, proposed a presentation by the FDEP to review the Phosphorus Rule, the compliance regime, and explain the proposed 17 ppb water quality based effluent limit.

10:50 a.m. **Agenda Item #4B. Update on STAs and Related Projects** – Tracey Piccone and Jeff Kivett, SFWMD

Tracey Piccone and Jeff Kivett, SFWMD, updated the TOC on the status of the STAs and related projects.

11:05 a.m. **Agenda Item #4C. Update on Refuge Monitoring and Modeling** – Mike Waldon, USFWS

Mike Waldon, USFWS, presented several slides on modeling proposed hydrological performance measures for potential application to River of Grass alternatives. This was part of a presentation given at the Science Workshop for the River of Grass Project.

➔ **Action Item #2:** Kenneth Ammon, SFWMD, will work on getting more recent data from the SFWMM model published.

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

Tuesday, March 2, 2010

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

- 11:15 a.m. **Agenda Item #4D. Project Update for C-111SD** – Mike Collis, USACE
- Mike Collis, USACE, gave a presentation detailing the current status of the C-111 Projects. Discussion following the presentation focused on surface and groundwater movement near Structure S-332 and whether monitoring at S-332D gives an accurate representation of water quality entering ENP.
- ➔ **Action Item #3:** Garth Redfield, SFWMD, will organize a working group to examine changes in water management, water quality, and hydraulics in the area of S-332.
 - ➔ **Action Item #4:** Pete Rawlik, SFWMD, will provide a copy of the PIE monitoring plan to Mike Waldon and will post on the TOC web site.
 - ➔ **Action Item #5:** Nick Aumen, ENP, will provide copies of the Park's cattail monitoring report to the TOC when available.
- 11:45 a.m. **Agenda Item #3A. Trace Metal Monitoring at S38B/NSID1 and Cu at S5A** – Pete Rawlik, SFWMD
- Pete Rawlik, SFWMD, presented a request to eliminate monitoring of Cd, Cu, and Zn at S38B/NSID1 and Cu at S5A. The TOC discussed concerns regarding apple snail toxicity related to Cu exposure and potential increases in heavy metals from urban runoff. Following discussion, the **TOC approved annual wet season monitoring for Cu at S5A and eliminating all other requested heavy metal monitoring.**
- 12:05 p.m. **Agenda Item #3B. WCA Low Water Suspension of Sampling** – Pete Rawlik, SFWMD
- Pete Rawlik, SFWMD, presented further information regarding his previous request to suspend sampling in the WCAs when gage data indicate water levels are too low for successful sample collection. The SFWMD would provide annual reports on low water suspension to the TOC.
- ➔ **Action Item #6:** Pete Rawlik, SFWMD, will meet with Nick Aumen, ENP, and others for additional technical discussion.
- 12:50 p.m. **Agenda Item #5. Public Comment**
- Mike Waldon and Matt Harwell, USFWS, wanted to make the TOC and public aware that a permit for the Site 1 Impoundment is available for public review. They expressed concern that there is no planned monitoring of water quality for flow through an emergency spillway into the Refuge.
- ➔ **Action Item #7:** Garth Redfield, SFWMD, will schedule a discussion of sampling at the Site 1 Impoundment for an upcoming TOC meeting.
- Gene Duncan, Miccosukee Tribe of Indians, asked if the court overseeing the Consent Decree was aware of the time period requested by the Settling Parties to pursue negotiations regarding remedies for the phosphorus exceedances in the Refuge. He also asked if there is any review of other WCAs or if they are just focused on the Refuge. Ken Ammon, SFWMD, responded that the time period is in the status report submitted to the court and that they are currently focused on the Refuge.
- 1:00 p.m. **Agenda Item #6. Future Meeting Dates:** The next quarterly meeting is 5/18/10; the following meeting is scheduled for 8/31/10.

Meeting Adjourned