



AGENDA

**JOINT WORKSHOP
OF
SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
GOVERNING BOARD
AND
TAMPA BAY WATER
BOARD OF DIRECTORS**

FEBRUARY 22, 2010

**BROOKER CREEK PRESERVE
ENVIRONMENTAL EDUCATION CENTER**

3940 KEYSTONE ROAD
TARPON SPRINGS, FLORIDA 34688
727-453-6959
(MAP INCLUDED)

☞ All meetings are open to the public. ☜

8:30 a.m. **Refreshments**

9:00 a.m. **Workshop**

1. Welcome and Introductions
2. Partnership Plan Success
3. SWFWMD Northern Tampa Bay Recovery Plan and Consolidated Permit Renewal Process Status Report
4. Long-Term Demands for Potable Supply
5. Desalination Plant Performance and Grant Funding
6. Open Discussion

11:45 a.m. **Adjournment and Lunch**

If you have any questions concerning this meeting,
please call 352-796-7211 or 1-800-423-1476, ext. 4605.

Joint Workshop February 22, 2010

1. **Welcome and Introductions**
2. **Partnership Plan Success**

This item will include a discussion of the Consolidated Wellfield pumping, compliance with the 90 million gallons per day (mgd) limit, status of the regional reservoir and preparedness for the dry season. The presentation also will include the District's key role in the success that has been achieved since 1990.

Presenter: Warren Hogg, Tampa Bay Water

3. **Northern Tampa Bay Recovery Plan and Consolidated Permit Renewal Process Status Report**

Purpose

To provide the Board with an update and status of the District's efforts to monitor water level recovery in the Northern Tampa Bay (NTB) area.

Background/History

In 1998, the Governing Board approved a recovery strategy for the NTB area, including the Partnership Agreement, issuance of Tampa Bay Water's (TBW) water use permit for its 11 regional wellfields (the Consolidated Permit), adoption of minimum flows and levels, and changes to its water use and environmental resource permitting rules. Implementation of the Partnership Plan and issuance of the Consolidated Permit have brought alternative sources on-line and enabled TBW to reduce and better optimize withdrawals from the wellfields to minimize impacts. Throughout the second phase of the recovery strategy (approved by the Board in December 2009), the wellfields will continue to be operated at or below 90 mgd; and monitoring of the withdrawal's effects on the water resources will be continued and evaluated.

Minimum levels for 41 cypress wetlands, 15 lakes, and seven Floridan aquifer wells were adopted in 1998; and minimum levels for an additional 54 lakes in the NTB area have been adopted to date. In addition, data relating to the health of approximately 500 wetlands and water levels in over 1,000 wells in the NTB area are routinely collected by both the District and TBW.

Since the inception of the first phase of the recovery strategy, District and TBW staffs have been monitoring the water levels, flows, and biologic data in the area's water resources to assess changes in conditions as groundwater withdrawals in the area are reduced. While implementation of the second phase of recovery will continue through 2020, and assessment is ongoing, there are clear indications that progress toward recovery in the area has occurred. District staff is currently working with TBW staff to develop a work plan to implement the second phase of recovery.

Presenter: Michael Hancock, Southwest Florida Water Management District

4. **Long-Term Demands for Potable Supply**

This item will include a recitation of Dr. Adams' presentation to the Tampa Bay Water Board of Directors at its December meeting, which includes the latest revisions to projections for anticipated growth and the need for new alternative sources of supply. As has been discussed, the schedule to develop the next source of supply is much later than what the Tampa Bay Water Board heard from staff one year ago.

Presenter: Dr. Alison Adams, Tampa Bay Water

5. **Desalination Plant Performance and Grant Funding**

This item will reflect the desalination operations since December 2007 through Friday, February 19, 2010, and the milestones achieved regarding the performance tests included in the December 2005 Second Amendment to the desalination funding agreement.

Presenter: Chuck Carden, Tampa Bay Water

6. **Open Discussion**