

**Northern Tampa Bay Phase II Local Technical Peer Review Group (LTPRG)
Keystone Civic Center, 17926 Gunn Highway, Odessa**

**Meeting 27
April 6, 2005 - 9:30AM**

Summary

The following were in attendance: Doug Keesecker, Tampa Bay Water; Chris Shea, Tampa Bay Water; Patty Fesmire, Tampa Bay Water, **Annemarie Hammond**, Pasco County; Gordon A. Leslie, Jr., EPC; Scott Emery, Hillsborough County; Dave Slonena, Pinellas County; Terrie Lee, USGS; John Trommer, USGS; Patty Metz, USGS; **Michael Hancock**, SWFWMD; **Ted Rochow**, SWFWMD; Robert Peterson, SWFWMD; John Emery, SWFWMD, Ken Weber, SWFWMD; and **Doug Leeper**, SWFWMD. Names in bold are designated representatives for the LTPRG.

Terrie Lee described the results of a calibrated augmentation experiment at W-5 wetland on Cypress Creek Wellfield. The augmentation was started in May of 2004 when the wetland had been dry for about two months, and the water table was about four feet below the wetland. The experiment mapped the response of the water table over a 21-day period and determined the daily leakage losses from the wetland over time as the flooded area was increased to two different target area. The results suggested that management strategies for this wetland could include periodically allowing the wetland to dry out. The full results of the experiment will be documented in the report scheduled as part of the six-year wetland augmentation study cooperatively funded between the USGS, Tampa Bay Water, Pinellas County, and the SWFWMD. The audience participated in a lively question and answer period after the talk.

Michael Hancock gave a brief update on the progress of the revisions to the Wetland Assessment Procedure (WAP). The WAP manual has been finalized, and is scheduled to be presented to the Tampa Bay Water Board for approval on April 18, 2005. Once approved by the Tampa Bay Water Board, the methodology will be submitted to the SWFWMD for final approval as part of the Consolidated Water Use Permit. Two training sessions for the users of the methodology is scheduled for April 14-15 and April 21-22, 2005. The first application of the method will be during the May/June 2005 period.

The next regular LTPRG meeting is scheduled for 9:30 AM on April 6, 2005. Location to be announced.

AGENDA

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1. February meeting follow-up
2. Miscellaneous updates
 - Lake MFL Update
3. Results of the wetland augmentation experiment at Cypress Creek (part of the ongoing wetland augmentation project), Terrie Lee and Patty Metz, USGS
4. Update on Wetland Assessment Procedure revisions, and discussion of upcoming MFL work, Michael Hancock, SWFWMD
5. Issues for Next Meeting – June 1, 2005