

**Northern Tampa Bay Phase II Local Technical Peer Review Group (LTPRG)  
Magnolia Room, Cypress Creek Wellfield Facility**

**Meeting 47**

**July 7, 2009 - 9:30AM**

**Summary**

The following were in attendance: **Warren Hogg**, Tampa Bay Water; Doug Keesecker, Tampa Bay Water; Chris Shea, Tampa Bay Water; Patty Fesmire, Tampa Bay Water; Patricia Metz, USGS; Kim Haag, USGS; Arturo Torres, USGS; Peter Schreuder, Schreuder, Inc.; Jeffrey Harris, Pasco County; John Walkinshaw, GPI Southeast; Kevin Atkins, GPI Southeast; Gordan Leslie, EPC/Hillsborough; Cliff Harrison, EnHydro; Rich McLean, Pinellas County Utilities; **Dave Slonena**, Pinellas County Utilities; **Richard Voakes**, City of St. Petersburg; **Michael Hancock**, SWFWMD; Maya Burke, SWFWMD; Christina Uranowski, SWFWMD; **Doug Leeper**, SWFWMD, and Robert Peterson, SWFWMD. Names in bold are designated representatives for the LTPRG.

Doug Leeper provided an update on the status of minimum flows and levels development for priority water bodies in the Northern Tampa Bay area. He noted that in April 2009 the Governing Board approved initiation of rulemaking to amend District rules to implement the second phase of the Northern Tampa Bay Recovery Strategy. He also noted that staff expect to present rule amendments concerning proposed minimum flows for the Alafia River Estuary (including Lithia and Buckhorn Springs) to the Governing Board for approval at the August Board meeting. Finally, Mr. Leeper noted that a draft report on proposed minimum flows for the Anclote River system has been completed and will soon be available on the District web site and subjected to independent, scientific peer review on a voluntary basis.

Kim Haag of the USGS gave a presentation on the soon to be published report entitled Hydrology and Ecology of Freshwater Wetlands in Central Florida, also referred to as the Wetland's Primer. The report is analogous to a previously published primer for lakes in Central Florida. The report contains information on the geologic setting of wetlands, as well as the hydrology and ecology of wetlands. The report also discusses the interactions between human activities in wetlands, and describes these processes through several cases studies. The report is expected to be published later this summer.

Mr. Leeper provided a presentation, titled, "Middle Hillsborough River: Water Levels, Water Quality and Water Management". The presentation included a summary of information contained in a draft report of the same name, which was developed by the District in response to a request received from the City of Temple Terrace River Watch Task Force. Highlights included a historical review of the alteration and management activities associated with the impounded river segment, comparison of water level fluctuations in the river and other water bodies, discussion of water quality issues, and evaluation of the need for establishment of minimum flows and levels for the river segment. Mr. Leeper indicated that the draft report is posted on the Minimum Flows and Levels Documents and Reports Page of the District's web site. He further noted that he plans to finalize the report this summer and asked that any comments on the

document be forwarded to him by August 7, 2009. Mr. Leeper's presentation can be found on the NTB II website.

The next regular LTPRG meeting is scheduled for 9:30 AM on September 10, 2009 at the SWFWMD's Tampa Service Office.

# **AGENDA**

## **Northern Tampa Bay Phase II Local Technical Peer Review Group**

### **Meeting 47 Magnolia Room, Cypress Creek Wellfield**

**July 7, 2009 - 9:30AM**

1. March meeting follow-up
2. Miscellaneous updates
  - Lake MFL Update
3. Hydrology and Ecology of Freshwater Wetlands in Central Florida – A Primer (Kim Haag, USGS)
4. Middle Hillsborough River: Water Levels, Water Quality and Water Management (Doug Leeper, SWFWMD)
5. Issues for next meeting – September 10, 2009