

**Northern Tampa Bay Phase II Local Technical Peer Review Group  
Cypress Creek Well Field Facility**

**Meeting 3  
November 2, 2000 - 9:30AM**

## **Minutes**

The following were in attendance: Peter Owens, Hillsborough County EPC; Zhongyan Lin, Hillsborough County EPC; Gordon Leslie, Jr., Hillsborough County EPC; Dave Slonena, Pinellas County; Warren Hogg, Tampa Bay Water; Michael Coates, Tampa Bay Water; Doug Keesecker, Tampa Bay Water; Patty Fesmire, Tampa Bay Water; Chris Shea, Tampa Bay Water; Bob McConnell, Tampa Bay Water; Ralph Craig, City of St. Petersburg; Jeff Vilagos, City of Tampa; Andy Smith, Hillsborough County; Ross McWilliams, Hillsborough County; Scott Emery, Hillsborough County; John Dumeyer, Schreuder, Inc.; Mark Barcelo, SWFWMD; Len Bartos, SWFWMD; John Emery, SWFWMD; Jim Guida, SWFWMD; Michael Hancock, SWFWMD; Marty Kelly, SWFWMD; Doug Leeper, SWFWMD; Karen Lloyd, SWFWMD; Adam Munson, SWFWMD; John Parker, SWFWMD; Robert Peterson, SWFWMD; and Ken Weber, SWFWMD.

Michael Hancock announced that the name of the group will be changed from the Technical Advisory Group to the Local Technical Peer Review Group (LTPRG). The name has been changed to better reflect the group's purpose under Chapter 40D-8, FAC, as the local peer review group for technical issues in Northern Tampa Bay.

Mr. Hancock also distributed a draft list of expertise to be considered for the formation of the Chapter 373 voluntary peer review program. The District has compiled a list of 58 specific categories of technical expertise, which are planned to be used to issue Request for Qualifications in January 2001. The LTPRG was asked to review the list, and suggest any changes during the next several weeks or at the next meeting.

The technical discussion for the meeting was an overview of District minimum lake levels methods. Doug Leeper provided a review of the recently adopted procedure for establishing minimum and guidance levels for lakes with fringing cypress wetlands, and a discussion of a variety of lake attributes which could potentially be used for establishing minimum levels for lakes lacking cypress-dominated wetlands. Topics explored included the use of 1) change in lake stage and total lake area, mean depth, etc., 2) empirical relationships between species richness and lake area, 3) change in lake stage and the area of the emergent and floating-leaved macrophyte zone, 4) change in lake stage and the coverage of aquatic plants (including submerged aquatic vegetation), 5) change in

lake stage and deep-water area, and 6) change in lake stage and basin slope, and potential consequences regarding change in the lake area susceptible to wind-driven sediment resuspension. Mr. Leeper provided attendees with a copy of the slides used for his presentation. A document containing data for Lake Calm was also provided as an aid to understanding the topics presented.

The next LTPRG meeting will be held at 9:30 AM on December 6, 2000, and the location will again be Tampa Bay Water's Cypress Creek Well Field Facility in Pasco County. The topics of the meeting will include wetlands rating methods and their application to minimum flows and levels, a discussion of the expertise list for voluntary peer review, and a continuation of the discussion on lake minimum level methodologies.

# **Agenda**

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1. October Meeting Follow-up
2. Preliminary Categories of Peer Review Expertise (Michael Hancock)
3. Category III Lakes MFL methodology (Doug Leeper)]
4. Other issues
5. Issues for the Next Meeting - December 6, 2000 (at the Cypress Creek Well Field Facility)