

**APPROVED
MEETING SUMMARY**

**Green Industry Advisory Committee
Southwest Florida Water Management District
February 15, 2007**

The Green Industry Advisory Committee of the Southwest Florida Water Management Water District convened for a regular meeting at 9:40 a.m., February 15, 2007, at the Tampa Service Office, 7601 Highway 301 North, Tampa, Florida.

Committee Members Present

George Cook, Chair
Karen Taylor, Vice-Chair
Richard Carroll
Raylena Cather
George Kish
John Miragliotta
Corrine Olvey
Jack Tinchener

Staff Members Present

Lou Kavouras, Facilitator
Anthony Andrade
Joanne McClellan
Lois Sorensen
Ken Weber

Governing Board Liaison Present

Patsy Symons

Recording Secretary

Tonya Parker-Rimes

A list of all present who signed the attendance roster is filed in the permanent files of the District. Compact disks of the audio and copies of materials and handouts, as set forth in full herein, are also filed in the permanent files of the District.

The numbers preceding the items below correspond with the published agenda.

1. Call to Order and Introduction

Chair George Cook called the meeting to order at 9:40 a.m. and introductions were made.

2. Additions and Deletions to the Agenda

Lou Kavouras, Deputy Executive Director, Outreach, Planning, and Board Services, stated there were no additions or deletions to the agenda.

3. Approval of the August 21, 2006 Meeting Summary

Following consideration, John Miragliotta moved and Corrine Olney seconded to approve the August 21, 2006, Meeting Summary as presented. Motion carried unanimously.

4. Rule Making Update

a. Committee Member Issues

The Committee did not request discussion on any other rule making updates.

5. Demand Management Activities

Lois Sorensen, Demand Management Coordinator, presented the hydrologic conditions report and provided an overview of the water shortage process. Ms. Sorensen reviewed quantifiable indicators and qualitative factors used by staff to monitor and analyze data when considering a water shortage declaration. The District has declared a modified Phase 2 Water Shortage. She advised committee members of the noticing sent to various entities.

6. Soil Moisture Sensor Evaluation Update

Melissa Musicaro, Water Conservation Analyst, discussed Phases 1 and 2 of the Soil Moisture Sensor Evaluation Project. She started by giving the background of Phase 1 in which four different sensors were installed on 64 plots at UF/IFAS in Gainesville. She provided tables and graphs that showed the treatments and frequencies of the different sensors as well as the water use and savings. Phase 1 concluded that there were no significant differences in turf grass quality among treatments and that rain sensors saved 34%. She then gave the background of Phase 2 in which four different treatments are being accessed at 64 homes in Pinellas County. Irrigation evaluations such as equipment checks, controller operation, leak detection, pressure loss, turf quality, flow rate per zone and catch can tests are being performed at this time. Contractors have installed the water meters, rain sensors and soil moisture sensor devices for 60 of the homes. Weather stations have been installed by UF at four locations and are currently collecting weather data. Weekly irrigation data collection began in July 2006 and will continue through September 2007 with a final report submitted in December 2007.

7. Landscape Irrigation Committee Update

Alison Ramoy, Staff Water Conservation, Analyst, stated that the committee was established under F.S. 373.228 with the intent improve water use efficiency by ensuring irrigation systems meet or exceed minimum design criteria. The committee is working to develop landscape irrigation and "xeriscape" design standards and develop scientifically based model guidelines for landscape irrigation. A final draft report was sent to committee members in June for agency endorsement. The committee reviewed revisions and a final review draft was received on October 31 with no substantive changes to design standards or recommendations. FDEP is currently entering into a contract for printing and the finalized document will be distributed.

8. FDEP's Golf Course BMPs Manual Update

Ms. Ramoy then gave an update on the BMPs for the enhancement of environmental quality on Florida golf courses. She stated that this was an update to the 1995 golf course BMPs for maintenance areas and expanded on pesticide and other contamination issues previously addressed and included "Strawman." The committee met on September 29 and the finalized document is currently online. This document will be published first as an educational document and rule making may take place in six to nine months.

9. Strategic Plan Update

Ms. Kavouras discussed the District's Strategic Plan 2007-2016 and reviewed the document with the Committee. She encouraged the Committee to use the document to expand their knowledge of what the water management is and what the District plans to achieve. Ms. Kavouras explained the involvement of the Governing Board, Basin Boards, advisory committees and District staff to identify priorities within various programs and activities of the District. She explained that the Strategic Plan is a communication tool that lists each priority, the stated goal, strategies, milestones and funding sources described to achieve success. She stated that committee members should use this publication as a way to educate themselves and others of the District's goals.

10. SWUCA Water Use Permitting Forms

Ken Weber, Regulation Program Director, gave a presentation on the new SWUCA application and supplemental forms and distributed copies of those forms. He explained the differences in the new supplemental forms and gave examples of when each different supplemental form would be used. The forms guide the applicants through the application process and requests information that is required based on the types of uses and types of activities of the permittee. The forms were created to require most necessary information needed in an attempt to minimize the need to request additional information. Mr. Weber stated that the District would like Committee to review the new forms and provide any feedback or comments by the end of February 2007.

Northern District Water Use Management Strategies

Mr. Weber also provided the Committee with information on the northern planning area of the District. Currently the water resources are in good condition but the area is becoming a high growth area with high water demands. Areas of concern have emerged and the District would like to develop a strategy to prevent local impacts from becoming a regional problem. He discussed several strategies that the District is currently working on such as a Water Conservation Summit, per capita requirements, expanding the NTB WUCA and working with Marion/Sumter and Hernando/Citrus counties to develop WUCAs.

11. Reclaimed Water Task Force Update

Mr. Miragliotta briefed the Committee on the recent Reclaimed Water Task Force meeting. He explained the purpose of the task force was to suggest recommendations to the Governing Board on issues involving reclaimed water. He stated that all members are invited to the next meeting scheduled for March 19 at the Sarasota Service Office.

13. Development of Agenda Topics for the May 17, 2007 Meeting

- Media Messaging Campaign
- Lower Hillsborough River MFLs
- ASR and Arsenic Issue
- Central Florida Coordination Area
- Water Management Information System (WMIS)
- Reclaimed Water Task Force Update
- Northern District Water Use Management Strategies

14. Announcements and Other Business

There were no announcements or other business.

15. Adjournment

There being no other discussions, the meeting was adjourned at 11:30 a.m.