

MEETING SUMMARY

Public Supply Advisory Committee Southwest Florida Water Management District January 20, 2006

The Public Supply Advisory Committee of the Southwest Florida Water Management Water District met at 9:30 a.m. on January 20, 2006, at the Tampa Service Office, 7601 Highway 301 North, Tampa, Florida. The following individuals were present:

Committee Members Present

Marvin Kaden, Chair
Warren Hogg, Vice-Chair
Kay Adams
Steve Adams
Frank Coughenour
Chuck Garing
Pam Greene
Tom Jackson
Keith McGurn
Rich McLean
Pam Reynolds
Chris Rogers
Gary Ross
Dave Slonena

Staff Members Present

Richard Owen, Facilitator
Tammy Antoine
Mark Barcelo
Joanne McClellan
Melissa Roe
Lois Sorensen

Governing Board Liaison Present

Todd Pressman

Recording Secretary

Tonya Parker-Rimes

Others Present

Duke Clem, Polk County
Bill Harper, City of Punta Gorda
Laura Jacobs, PR/MRWSA
Bruce MacLeod, Manatee County
Pheonix McKinney, City of Tampa Water Department
Chris Owen, Tampa Bay Water
Mandy Rice, Tampa Bay Water
Joe Richards, Pasco County
Jennifer Steadman-Ryan, Sarasota County Utilities
Sam Stone, PR/MRWSA

A list of all present who signed the attendance roster is filed in the permanent files of the District. Tape recordings have been used to record these proceedings and are on file in the permanent files of the District, as well as copies of the materials and handouts provided at the meeting.

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

1. Call to Order, Introduction and Announcements

Marvin Kaden, Chair, called the meeting to order at 9:30 a.m. Introductions were made and there were no announcements at this time.

2. Additions and Deletions to the Agenda

Richard Owen advised the Committee that Item 7 on the agenda would be changed to the District's FY06 Media Messaging Campaign presented by Melissa Roe, Senior Communications Coordinator. There were no other additions or deletions to the agenda.

3. Approval of the July 15, 2005, Meeting Summary

Following consideration, a motion was moved and seconded to approve the July 15, 2005, Meeting Summary as presented. Motion carried unanimously.

4. Rule Making Update

a. Southern Water Use Caution Area Recovery Strategy and Associated Rules

Richard Owen advised the Committee that the District is in the process of rewriting the SWUCA Recovery Strategy as well as the rules based on the latest direction from the Governing Board. He further explained that the Cumulative Impact Analysis will not be part of the permitting rule but would be used as a regulatory tool to study impacts. Mr. Owen told the Committee that the revised Recovery Strategy and rules will be included in the February Governing Board packet and copies will be available. Staff will ask for concurrence and authorization of the Governing Board to publish the rules.

b. Water Shortage Plan

Lois Sorensen discussed the current status of the water shortage plan. The Governing Board approved the last amendments at its October meeting and they were published for adoption in the Florida Administrative Weekly. There were no challenges to the rule only a few recommendations from the Joint Administrative Procedures Commission that will be incorporated in the final rule. The finalized rule is expected to go into effect in March.

c. Other

There were no other rules discussed by the Committee.

5. Tampa Bay Regional Reservoir Update

Mandy Rice, Tampa Bay Water, explained the importance of the reservoir to water supply, how water quality is monitored, the operation of this facility, and their Emergency Action Plan.

- Todd Pressman asked if there are operational issues regarding the pumping station from the reservoir to the treatment plant. Ms. Rice stated that the reservoir and associated pumping and transmission facilities work perfectly. It is the surface water treatment plant that is undergoing modifications to ensure full capabilities. Tampa Bay Water is increasing the filter system so that the plant can consistently achieve a sustained capacity of 66 mgd, with peak pumping capacity of 72 mgd.
- Mr. Owen stated that the District favors off-stream rather than in-stream reservoirs and asked if rainfall makes up for all water lost in evaporation. Ms. Rice responded that this is being analyzed with actual operational data. Her experience has been that rainfall and evaporation are about equal and is waiting to see the outcome of the analysis.
- Mr. Owen asked if there are problems with private wells in the area. It was explained that Tampa Bay Water has monitor wells next to the reservoir to monitor the various well levels, but have not discovered any significant changes to the levels.
- There was a question concerning the Emergency Action Plan and what would be done in times of hurricanes and heavy rain. Ms. Rice explained that the reservoir is engineered with 9 foot of freeboard over the high water level in the reservoir and in extreme cases a drawdown can be done with water discharged over specified areas that empty to the Alafia River.

6. Surface Water as a Source of Supply to Meet Growing Demands

Mark Barcelo discussed the 2006 update to Regional Water Supply Plan that projects out to the year 2025. He provided information as to the demand that must be met and the sources that may be available. Mr. Barcelo stated that surface water is an important source for meeting future demands. There was discussion concerning the use of brackish groundwater sources. Rich McLean stated that there has been a policy of the District not funding brackish groundwater, but, perhaps criteria could be developed for circumstances where the District would consider funding brackish groundwater. Examples given included where brackish groundwater would be permissible and reduces demands on the regional system. Mr. Pressman stated that brackish water does need to be looked at as well as surrounding concerns. Mr. Owen stated that he would bring back to the Committee information concerning this topic to be discussed by the Governing Board Resource Management Committee.

Chris Owen, Tampa Bay Water, informed the Committee about their history, organization, and function as a water supplier in the Tampa Bay region. She explained the operation of their water treatment plant that treats surface water, and blends groundwater and desalinated water for distribution into the regional system. She reviewed water quality data from each of these sources and compared treated water quality. She noted that although groundwater is often perceived as a more pure source than surface water, data indicate groundwater from certain wells is showing more and more of the same concerns as surface water. It was asked if there was concern about the use of reclaimed water for lake and wetland augmentation, particularly if the groundwater is under the influence of surface water in certain areas. She responded that TBW is working with the US EPA, the American Water Resources Association Research Foundation and the water management to study this very issue. Bruce McCloud, Manatee County Public Works, pointed out that multiple barrier approaches must be used because surface water has a greater complexity to treatment than ground water. The District needs to be aware of the increased cost of treating surface water versus groundwater, at least in the Manatee County area.

Sam Stone, Peace River/Manasota Regional Water Supply Authority, explained the history and organization of the Authority. He provided an overview of the Peace River Facility treatment process and operation and the challenges surface water brings to water quality issues. There were no comments or questions from the Committee.

7. FY06 Media Messaging

Due to time constraints, this item was deleted from the agenda.

8. Development of Agenda Topics for April 21, 2006 Meeting

- Southern Water Use Caution Area and Associate Rules Update
- Regional Water Supply Plan Update
- MFLs Update – Middle Peace, Alafia, Myakka
- Tampa Bay Reclaimed Augmentation System
- Arsenic in ASR Wells
- Brackish groundwater update

9. Announcements and Other Business

There were no announcements or business to come before the Committee.

10. Adjournment

The meeting was adjourned at 12:15 p.m.