

MINUTES OF THE MEETING

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

REUSE WORKSHOP

BROOKSVILLE, FLORIDA

OCTOBER 25, 2016

The Governing Board of the Southwest Florida Water Management District (District) met for a public workshop at 9:00 a.m. on October 25, 2016, at the District's Brooksville Office. The following persons were present:

Board Members Present

Randall S. Maggard, Chair
Bryan K. Beswick, Secretary
Ed Armstrong, Treasurer
H. Paul Senft, Member
George W. Mann, Member
Kelly S. Rice, Member
John Henslick, Member
Michelle Williamson, Member
Mark Taylor, Member

Staff Members

Brian J. Armstrong, Executive Director
Amanda Rice, Assistant Executive Director
David T. Rathke, Division Director
Karen E. West, General Counsel
Kurt P. Fritsch, Inspector General
John J. Campbell, Division Director
Ken L. Frink, Division Director
Mark A. Hammond, Division Director
Alba E. Más, Division Director

Via Telephone

Michael A. Babb, Member

Board's Administrative Support

Cara Martin, Board & Executive Services Manager
Lori Manuel, Administrative Assistant

Board Members Absent

Jeffrey M. Adams, Vice Chair
Michael A. Moran, Member

A list of others present who signed the attendance roster is filed in the permanent records of the District. This meeting was available for viewing through Internet streaming. Approved minutes from previous meetings can be found on the District's Web site (www.WaterMatters.org).

PUBLIC HEARING (Audio – 00:00)

1. Welcome

Chair Maggard called the meeting to order and opened the public hearing.

2. Background of Reuse in SWFWMD

Mr. Jason Mickel, Water Supply Manager, provided a presentation which included: District reuse projects and benefits; who utilizes reuse with the District; how the District compares nationally on reuse; innovations on reuse; and ongoing projects and studies.

3. National Perspective of Indirect/Direct Potable Reuse

Mr. Jeff Mosher, representing Water Environment & Reuse Foundation, provided a presentation that included information on the Water Environment & Reuse Foundation (WERF). Mr. Mosher explained that the WERF merged with the WaterReuse Research Foundation (WRRF) in May 2016. He provided background on each organization and how they were established.

Mr. Mosher provided background on potable water; information on experience in other states and direct potable reuse. He explained the process of indirect potable reuse (IDP) versus direct potable reuse (DPR). He provided a list of drivers for implementing potable reuse; historical time line of potable reuse; examples of proven treatments; comparison costs; map indicating reuse regulations

in the United States; information on existing and potential IDP and DPR projects throughout the United States; key components of DPR; and DPR publications available.

4. Tampa Augmentation Project

Mr. Brad Baird, P.E., City of Tampa Public Administrator, provided a presentation on the Tampa Augmentation Project (TAP). This presentation included: a historical timeline on Tampa's reclaimed water history; breakdown of utilization of City of Tampa reclaimed water; overview of TAP Alternative I; overview of TAP Alternative II; progress associated with TAP Alternative II; other efforts associated with the TAP project; and a project schedule.

5. SHARP

Bart Weiss, P.G., Hillsborough County Public Utilities Director, provided a presentation on the South Hillsborough Area Recharge Project (SHARP). He outlined the goals set by Hillsborough County. These goals included: remain a leader for reuse in Florida; strive to more beneficially reuse reclaimed water currently disposed to Tampa Bay; and achieve 100% beneficial reuse goal by identifying options that benefit the region instead of more limited local uses. Mr. Weiss provided a brief history of reuse in Hillsborough County. Reuse is primarily utilized for landscape, golf course and public access. Other users include industrial (Tampa Electric Company) and agricultural. He provided a graph outlining public access reuse demand and excess water supply.

This presentation also included: a video explaining SHARP; list of regional partners and stakeholders; Southern Water Use Caution Area (SWUCA) grounder water impacts; information on saltwater intrusion; location of SHARP pilot project location; SHARP 10 mgd recharge benefit; SHARP 20 mgd recharge scenario; recharge and withdrawal scenarios; and modeling results.

6. Water Policy – State Perspective

Mr. Ryan Matthews, representing the Florida Department of Environmental Protection (FDEP), provided a presentation which defined water reuse; the benefits and applications; annual reuse inventory; Florida's reuse growth from 1986-2014; information on domestic wastewater as of 2014; reuse capacity and flow ratios; reuse utilization per capita map of Florida; reclaimed water utilization by flow; diagram outlining reuse system; summary of activities that utilize reuse; number of reuse systems broken down by activity; information on edible crop irrigation; information on water conservation; information on reuse supplementation; and a map outlining utilization of reuse throughout Florida.

7. Board Discussion

Mr. Armstrong thanked the presenters. He reminded the Board the has been proactive in the processes and technology in the use of potable reuse. He stated the District expects to receive funding requests associated with potable reuse, in the future.

8. Public Comments

No request to speak cards were received.

9. Adjournment

The meeting adjourned at 10:49 a.m.