

Approved

MEETING SUMMARY

Industrial Advisory Committee
Southwest Florida Water Management District
May 15, 2018

The Industrial (IAC) Advisory Committee of the Southwest Florida Water Management District convened for a regular meeting at 10:00 a.m., May 15, 2018, at the Tampa Service Office, 7601 US Highway 301 North, Tampa, Florida.

IAC Committee Members Present

Chair Denise Corrales, CEMEX
Ilia Balcom, Duke Energy
Subrata Bandy, Mosaic Fertilizer, LLC
Marc Hurst, Standard Sand and Silica

Staff Members Present

Cara Martin, Facilitator
Lois Sorensen
George Schlutermann
Granville Kinsman
Ross Morton
Michelle Eddy

Recording Secretary

Kelly Page

Approved summaries from previous meetings can be found on the District's website WaterMatters.org.

The numbers preceding the items below correspond to the order of presentation.

1. Call to Order and Introductions

Chair Denise Corrales called the meeting to order.

2. Additions and Deletions to the Agenda

Ms. Cara Martin, board and executive services manager, stated item number six, *Coastal Groundwater Monitoring Network Evaluation Results*, has been deleted from the agenda and *Hydrologic Conditions Update* has been added in its place.

3. Approval of the November 7, 2017 Committee Meeting Summary

A motion was made for approval of November 7, 2017 minutes. The motion was seconded and passed unanimously.

4. Public Comments

No public comment was given.

5. Elections of Chair and Vice Chair

Ms. Martin declared the absence of a quorum noting that no voting can occur until a quorum is recognized.

6. Hydrologic Conditions Update

Ms. Lois Sorensen, Demand Management program manager, provided an update on hydrological conditions, stating that rainfall in March was well below normal, however April experienced some rainfall, and the first two weeks in May experienced heavy rainfall so far. Overall, the District is experiencing warmer than normal weather and above normal precipitation.

Currently, most of groundwater index remained within the normal range of fluctuation, with the exception of the Hillsborough, Alafia, and Peace Rivers, which dropped only slightly into the lower than normal range. There are no water restrictions.

Members asked what the tropical forecast looks like and Ms. Sorensen explained the climate is active, but not as active as last year. Weather updates will be released later this month.

7. Hydrogeological Investigation of the Lower Floridan Aquifer (LFA) in Polk County – Update on Crooked Lake, Frostproof, and Lake Wales Site

Mr. George Schlutermann, senior hydrogeologist, Water Supply, provided an update on the water quality testing at the three well sites in Polk County. He explained that testing is conducted in two phases over a three-year period. The first phase includes initial drilling and testing as well as the installation of monitor wells. The second phase includes drilling and testing production wells and conducting aquifer performance tests.

Testing is complete at the Crooked Lake LFA site, including coring, packer tests, water quality, and geophysical logging. The United States Geological Survey has also completed the Optical Borehole Imaging, and age dating is expected to be completed in the Fall. This test well will be constructed into a monitoring well.

Testing at the Frostproof LFA site is currently in the first of two phases, and the District is seeing good indicators of productive water from the upper portion of the LFA. The Lake Wales LFA site is proposed to begin phase one in October 2018.

Members asked if the aquifer depth is consistent throughout Florida and Mr. Schlutermann responded in the negative, explaining that the aquifer is a very complex system. Members asked for the presentation to be sent to them.

8. Vertical Datum (NAVD88) Completion

Mr. Granville Kinsman, hydrologic data manager, informed the committee about the new data collection system used as a reference in determining elevation. Mr. Kinsman's team just completed a 16-year project to replace the NGVD29, which is no longer supported by the federal government, with NAVD88. The project involved establishing benchmark surveys at each site (nearly 2,400) and migrating the data to be compatible with NAVD88. A map is available online with all survey information.

Members asked how the District communicated errors while updating the system, and Mr. Kinsman explained there was no communication outside the District because it has been an internal effort. Members also asked if the District created new benchmarks or were they able to recalibrate some. Mr. Kinsman explained that each staff gauge was updated with two new benchmarks.

9. Winter Haven Chain of Lakes Guideline Update

Mr. Ross Morton, District ombudsman, introduced the guidelines for the Winter Haven Chain of Lakes' structures, which consider both water conservation and recreational uses in its operation, as well as some flood protection (within its limited abilities). The District has conducted two outreach meetings for the community, which provided feedback on these guidelines.

Members asked how the structures were controlled before the guidelines were established in 2013 and Mr. Morton explained they were controlled with general engineering practices. Members also asked if the operational guidelines could be found on the website and Mr. Morton replied in the affirmative.

10. WUP Online Permit Info Center

Ms. Michelle Eddy, Water Use Permit compliance technician lead, explained the District has redesigned the ePermit Information Center (ePIC) to improve the functionality and ease of use. Ms. Eddy highlighted the permit entry screen, which is easier to navigate, and a new report section, which offers relevant information related to the user's permit. The website also offers multiple logins for one account.

Members asked what the timeline is to have everything running, and Ms. Eddy responded it should not be too long. Members asked if other water management districts will be advancing their systems as well and Ms. Eddy explained this update is an internal effort and is unsure if other districts will update their websites as well. Members also asked if additional work is needed to input data and Ms. Eddy responded in the negative.

11. Development of agenda topics for the next Industrial Advisory Committee meeting at 10:00 a.m. on Tuesday, August 14, 2018 in the District's Tampa Office.

None

12. Announcements and Other Business - None

13. Adjournment

Meeting adjourned at 11:32 a.m.