

LAKE BELT MITIGATION COMMITTEE

Meeting Summary

South Florida Water Management District
3301 Gun Club Road, (B-2, Calossahatchee Conf Room)
West Palm Beach, Florida 33406

This meeting was conducted as a teleconference call at (561) 682-6700

Meet-me number (866) 433-6299 - Meeting ID #3828

Friday June 11, 2010 – 9:00 AM

1. Call to Order by Terrie Bates, Acting Chair
 - a) Meeting began at 09:00 AM.
2. Opening Comments / Attendees
 - a) Committee Members
 1. Janet Llewellyn, Chair, DEP (Teleconference)
 2. Terrie Bates, Vice Chair, SFWMD
 3. Eric Hughes, USEPA (Teleconference)
 4. Evan Skornick, Alternate DERM (Teleconference)
 5. Leah Oberlin, Alternate USACE
 6. Jeff Rosenfeld, MFL
 7. Howard Hayes, BMMR (Alternate DEP - Teleconference)
 - b) Other meeting attendees
 1. Marlene Nieves, SFWMD
 2. Barbara Katz, SFWMD
 3. Tom MacVicar, MFL
 4. Sue Brown, SFWMD
 5. Greg Mallinger, SFWMD
 6. Bob Verrastro, SFWMD
 7. Raymond Sciortino, SFWMD Contractor
 8. Olga Lopez-Oriol, SFWMD
 9. Lee Chitty, Contractor SFWMD

c) Other teleconference attendees

1. Mike Spinelli, Miami-Dade DERM
2. Bill Pitt, Miami-Dade Water & Sewer
3. Kerri Barsh, MDLPA
4. Allen Whitehouse, DEP

3. Review minutes from 05/14/10 meeting – Terrie Bates

Minutes were reviewed with changes presented by Evan Skornick, DERM. A motion was made to approve the minutes, with changes presented by DERM. Motion passed.

4. Funding for L-31 Seepage Pilot Project – Tom MacVicar

Tom discussed the technical meeting held on May 26th regarding the tracer test design proposed by Ozark Underground Laboratories (OUL). Hydrogeologists representing the ACOE, FDEP, SFWMD, ENP, Miami-Dade WASD, OUL, and MDLPA participated. The meeting resulted in a consensus approval of the proposed tracer test design, with the addition of 6 shallow down-gradient monitoring wells and water level monitoring of selected wells during each sampling event. An updated design, sketch and cost estimate are attached to these minutes. The new down-gradient wells are shown as wells 40-42 on the sketch for the study area with the seepage barrier, with 3 equivalent wells in the second study area without the seepage barrier. The estimated total project cost with the 6 new wells is \$185,800.

A motion was made to approve \$185,800, less any balance available from the COE Seepage Mitigation Fund for the Kendall Properties, to fund the L-31 Tracer Test. Motion Approved.

5. Geologic Information Dade-Broward Levee Seepage Project – Tom MacVicar

Tom discussed the May 14th LBMC meeting, where the Committee approved expenditures for initial engineering design and surveying costs for the geotechnical work for the Dade-Broward Levee Seepage Project. He reviewed concerns of Matt Davis from DERM concerning the FPL access road ownership and permitting issues. After this review it became clear that significant additional coordination was needed with all the agencies and FPL staff. It was acknowledged that the construction of the road was not necessary at this time as the

geological information may be obtained without the road construction. In order to stay on schedule for the seepage mitigation project Tom has solicited proposals to obtain the geologic information necessary for the seepage project design without building an access road. This will allow MDLPA to meet their permit conditions for obtaining the geologic information by January, 2012. Since the work will take place next fiscal year it is Tom's intention to bring a proposal to the July 16, 2010 Committee meeting for inclusion in next year's work plan.

6. Hydrologic Monitoring & Funding Dade-Broward Levee Seepage Project – Tom MacVicar

Tom explained that the Lake Belt permits require a hydrologic monitoring plan as part of the seepage mitigation project (copy attached to these minutes). The plan was submitted to the FDEP and the Corps during the permit review process and was included as a special condition in the permits. The purpose of the plan is to begin monitoring the flow in the Miami canal west of the Turnpike and obtain data necessary to evaluate the performance of the seepage mitigation project.

Leah Oberlin, of the Corps emphasized that it was imperative that sufficient monitoring be done to show that the seepage mitigation plan works. The Corps permits require that the wall be shown to work in order to mine within Section II. Installing sufficient monitoring equipment, prior to construction of the wall, was strongly recommended even if that meant there would be additional monitoring proposed.

The plan includes the installation of a continuous canal flow and level monitoring station in the Miami Canal [C-6 Canal] at the Florida Turnpike, three continuous lake water level monitoring stations, (Cemex FEC Lake 6, Tarmac Lake F, and Krome Quarry) and a wetland stage monitoring location just east of the Dade/Broward Levee. In order to document the pre-project conditions Tom is requesting that the installation of the canal and lake monitoring stations be approved as the initial task of the Dade-Broward Levee Seepage Project in FY10. Maps showing the locations of the four proposed monitoring locations (as well as existing monitoring locations) and a cost estimate are attached to these minutes. The estimated cost for the 4 monitoring stations is \$54,567. **Action 1** – Tom will present a budget request at the July meeting for 4 new monitoring stations.

In addition, Tom requested that a transfer be made from the LBMC Trust fund to the SFWMD budget process for the funding within this fiscal year. This is not an expenditure

request, but an administrative action to provide available budgeted funds for the current fiscal year. **Action 2** – Terrie will coordinate with Marjorie Moore the appropriate budget request for presentation at the July 2010 SFWMD Board meeting.

7. Update on 8.5 Sq Mile Engineering Design – Raymond Sciortino

Raymond provided an update on the 8.5 Sq. Mile Engineering Design. He stated that after further review, he is considering combining Phase 1 and Phase 2 construction into one contract. He stated the costs of having two different haul routes and construction crews on site may considerably increase overall costs. **Action 3** – Raymond will report his findings of combining Phase 1 and Phase 2 construction within the 8.5 Sq Mile area to the Committee at the July meeting.

8. Miscellaneous Items:

- a) Terrie asked committee members to look forward to FY 2011 and send her information for any anticipated funding requests.
- b) Leah stated the legislature and governor recently approved a tonnage fee increase to \$.45. This increase will take effect in December 2011.
- c) Jeff will contact District staff concerning the requirements for including the new monitoring locations in the DBHydro database.

9. Public comment – None.

10. Next Meeting Dates

Friday, July 16, 2010, 9:00 AM at SFWMD

11. Meeting Adjourned

Action Items For Next Meeting:

Action 1 – Tom will present a budget request at the July meeting for 4 new monitoring stations.

Action 2 – Terrie will coordinate with Marjorie Moore the appropriate budget request for presentation at the July 2010 SFWMD Board meeting.

Action 3 – Raymond will report his findings of combining Phase 1 and Phase 2 construction within the 8.5 Sq Mile area to the Committee at the July meeting.