

LAKE BELT MITIGATION COMMITTEE

Meeting Summary

South Florida Water Management District
3301 Gun Club Road, (Bldg. B-1, 3rd Floor, Storch Room)
West Palm Beach, Florida 33406

This meeting was conducted as a teleconference call at (561) 682-6800

Meet-me number (855) 682-6800 - Meeting ID #998 291 209

Thursday, March 28, 2019 9:00 AM

1. Call to Order by Terrie Bates, Chair
 - a) Meeting began at 9:00 AM

2. Attendees
 - a) Committee Members
 1. Terrie Bates, Chairperson, SFWMD
 2. Ansley Marr, SFWMD Alternate
 3. Eve Huggins, USACE Alternate (Teleconference)
 4. Ed Smith, DEP (Teleconference)
 5. Craig Grossenbacher, DERM (Teleconference)
 6. Cecilia Harper, USEPA (Teleconference)
 7. Robert Progulske, USFWS (Teleconference)
 8. Jeff Rosenfeld, MDLPA (ex-officio)

 - b) Other meeting attendees
 1. Robert Hopper, SFWMD
 2. Lourdes Elias, SFWMD
 3. Tom MacVicar, MDLPA
 4. Steve Krupa, SFWMD
 5. Rory Feeney, SFWMD
 6. Chris Edelstein, SFWMD
 7. Alexis Carryl, SFWMD

8. Michelle Quigley, SFWMD
9. Gabrielle Lager, SFWMD
10. Julie Maytok, SFWMD
11. Ray Palmer, SFWMD

c) Other teleconference attendees

12. Howard Hayes, DEP
13. Amy Morgan, DEP
14. Camren Richter, MDLPA

3. Approval of Minutes

LBMC Meeting Minutes from September 19, 2018 were reviewed by the Committee members. The minutes were moved for approval by Robert Progulske, with a second by Ed Smith. The minutes were approved by the Committee.

4. Submittal of Invoices for Acceptance by LBMC – Robert Hopper / Jeff Rosenfeld

Robert Hopper presented a spreadsheet (copy attached) summarizing the invoices to be accepted by the Committee and Jeff Rosenfeld discussed the invoices submitted since the last Committee meeting. These invoices included: 1) one L-31N Phase 2 invoice totaling \$4,369.00, 2) two Dade-Broward Levee Construction Monitoring Phase 2 invoices totaling \$585,358.90, 3) five Dade-Broward Levee Construction Monitoring Phase 3 invoices totaling \$52,600.14, and 4) two Lake Belt Water Quality Monitoring invoices totaling \$56,804.52. Total invoices were \$699,132.56. Ed Smith moved to accept the invoices and Robert Progulske seconded the motion. The motion to accept the invoices was approved by the Committee.

5. Approval of 2018 LBMC Annual Report – Jeff Rosenfeld

Jeff Rosenfeld presented a copy of the draft 2018 LBMC Annual Report to the Committee. Jeff discussed the financial aspects of the report in Appendix C and the summary of mitigation projects that have been approved by the Committee (Table 2). Ed Smith moved to approve the 2018 Annual Report and the motion was seconded by Eve Huggins. The Annual Report was approved by the Committee.

6. Monitoring data updates – Dade-Broward Levee and L-31N Phase 2 seepage projects – Jeff Rosenfeld

The Dade-Broward Levee berm repair was completed in 2016. Jeff showed that the change in relationship between USGS monitoring wells after the repair continued through the 2018 wet season. This change in the relationship after 2016 indicates that the berm repair has resulted in higher relative water levels in the Pennsuco wetlands.

The new West Wellfield Protection Canal structure was completed in May 2018. Historical upstream and downstream canal stage data suggest that the new water control structure has resulted in a wet season canal stage increase of approximately 0.8' in the canal reach adjacent to the Pennsuco wetlands. Comparison of the upstream 2018 wet season canal stage with monitoring wells in the Pennsuco wetlands indicates that the canal is now recharging the wetlands (due to the higher stage), while historically the canal drained the adjacent wetlands.

Construction of the 3 additional miles of the L-31N seepage barrier was completed in April 2016. Jeff showed that the 2018 wet season monitoring well water level data confirmed the 2016 and 2017 results previously presented to the Committee. Based on the hydrology benefits indicated by consistent 3-year wet season monitoring results for the 2-mile seepage barrier and now another 3 years of consistent data for the 5-mile seepage barrier, Jeff recommended stopping L-31N monitoring. Committee members discussed wanting to keep the monitoring in place until the Corps finalized the mitigation credit award and asked Jeff to coordinate with SFWMD on a potential ongoing monitoring program. Steve Krupa reported on SFWMD's efforts to document the testing results obtained during construction and the need to compile the monitoring results for future projects/modeling efforts.

7. Funding Request – Dade-Broward Levee Phase 3 construction/monitoring - Jeff Rosenfeld

The L-30 structure is proposed to be rebuilt and automated, so it can be operated remotely by SFWMD for wellfield protection during droughts and for Pennsuco hydroperiod enhancement when water is available in the L-30 Canal. The L-30 design has been reviewed by SFWMD and provided to Miami-Dade County. The design review has resulted in some structural improvements that increased the overall cost of the project. The contractor who completed the two Phase 2 structures provided a cost estimate, which has been deemed to be reasonable by both the MDLPA Design Engineer and SFWMD Engineering staff. A motion was

presented to “Approve funding of an additional \$0.9 million for the estimated L-30 structure repair construction, permitting, oversight, contingency, and monitoring costs”. It was discussed that due to cost savings during the L-31N Phase 2 project, approximately \$1.15 million remained in that account which was sufficient to provide the additional funding. The motion was revised to “Close-out line item #1 (L-31N Phase 2) of the SFWMD, MDLPA, and Greenberg Traurig Payment Tracking spreadsheet and transfer the remaining balance (approximately \$1.15 million) to line item #4 (Dade-Broward Levee Construction Monitoring Phase 3)”. Robert Progulske moved to approve this funding request and the motion was seconded by Craig Grossenbacher. The funding request was approved by the Committee.

8. Public Comment

None.

9. Next Meeting Date

The next meetings were scheduled for June 21, 2019 for a site visit to the Abiaki Prairie restoration project and for July 26, 2019 for review of FY20 project funding (Abiaki Prairie and water quality monitoring projects).

10. Meeting Adjourned