

DRAFT MINUTES  
 TECHNICAL ADVISORY COMMITTEE  
 TO THE BROWARD COUNTY WATER ADVISORY BOARD

April 22, 2022

A meeting of the Technical Advisory Committee (TAC) to the Broward County Water Advisory Board was held on April 22, 2022, commencing at 9:30 am on Zoom. (The TAC meeting minutes were summarized by Gregory Mount (Gmount@Broward.org or 954-519-0356). Copies of the presentations are filed with the supplemental papers of the meeting.)

Link to the recording:

Topic: TAC April 22nd

Start Time: Apr 22, 2022 09:00 AM

Meeting Recording:

<https://broward-org.zoomgov.com/rec/share/n4fQq2Y4yPuyPK0sVuaVSo-LyycFS6OBXtwNQnshrctvG1ODWvCl0uz7HmG0UHW0.q2kWvoRYevCPcInV>

**I. Roll Call**

Name	Present	Absent	Alternate Name
Kevin Hart (Chair)	X		
Randolph Brown Vice- Chair	X		
Albert Carbon	X		
Alan Garcia			X Susan Bodmann
Brett Butler		X	
Commissioner Doug Bell	X		
David Walker	X		
Giovanni Batista	X		
Heather Cunniff	X		
Isabel Cosio Carballo	X		
Dr. Jennifer Jurado	X		
Jose Lopez	X		
Leny Huaman	X		
Lisa Milenkovic		X	
Mike Bailey		X	
Mike Crowley		X	
Patrick Davis	X		
Pete Kwiatkowski	X		
Rafael Frias	X		
Renuka Mohammed	X		
Heather Cunniff	X		
Stephanie Pearson	X		
Steve Holmes	X		
Steve Urich			X Danny Pollio
Suzanne Mechler	X		FIRST MEETING
Talal Abi-Karam	X		
Tim Welch			X Carrie Cashar

**II. Statement of Meeting Objectives**

A meeting of the Technical Advisory Committee to the Broward County Water Advisory Board was held on April 22, 2022, commencing at 9:30 am on Zoom.

**III. Public Comments**

None Provided.

**IV. \*\*TAC Approval of Minutes of February 18, 2022**

Motion: Randy Brown, Second: Giovanni Batista, Vote: Unanimous.

**V. C-51 Update (Mr. Ernie Cox)**

Mr. Cox provided an update of the ongoing construction activities at the C-51 reservoir project.

**VI. Candidates for Consulting Engineer Introduction (1 to 2-minute limit)**

- i. Suzanne Mechler
- ii. Aleem Ghany

**VII. \*\*TAC Vote on Consulting Engineer Vacancy**

TAC Membership voted in favor of Ms. Mechler's membership. (Results of vote filed).

**VIII. Announcements**

Dr. Jennifer Jurado made two announcements: 1) the expiration of the emergency declaration that all County Advisory Boards will now require an in-person quorum; and 2) HB53 20-year needs analysis is due to Dr. Mount by 6/30/2022. She thanked utility directors for timely responding to the information request for the WAB, and the development of a planning tool to be maintained in the Resilience Unit. Dr. Jurado also acknowledged the presentation by Mr. Brown at the last meeting, however the County is unable to provide any oversight due to previous state legislation that restricts the ability to license activities.

**IX. Presentations**

A. LOSOM: Status Update (20p, 10d)

*E. Timothy Gysan, P.E., PMP, Resilience Senior Project Manager, Ecosystem Branch*

*Programs & Project Management Division (PPMD) USACE Jacksonville District.*

Mr. Gysan provided an update of the LOSOM project and a review of the background material the objectives and goals. The study goals were to incorporate flexibility in Lake Okeechobee operation while balancing congressionally authorized project purposes and balanced the objectives of managing risk, meet authorized purposes, improve water supply performance and enhance ecology across the plan. This update process began in 2019 with a scoping process with ten meetings held throughout the state, three iterations of the lake schedule were conducted with the most balanced plan was selected, and currently in the documentation and decision step with the production of the draft EIS. Extensive stakeholder input has been solicited and provided along the entire process.

In the revised schedule the flow of water south is continued throughout the schedule and is not reserved as it was in previous versions. Flow east and west is controlled and is considered beneficial, but limits could change in the higher bands for dam safety reasons. LOSOM is an improvement over LORS and uses all available information to make informed decisions. LOSOM is a benefits-focused approach, looking at all parts of the system. LORS was solely based on risk reduction. Mr. Gysan then provided an introduction to the different operations throughout the zones, paying particular attention to the changing from the wet and dry seasons here in FL and how lake operations will continue. A brief mention of HABS was made, which may or may not be happening to an extent where a change in schedule will have to be made. Lake recovery is also an important consideration, where ecological impacts may shift operation to enhance recovery and support for threatened species. There is flexibility in the plan to account for these obstacles and needs.

Mr. Gysan acknowledged the role of the State and of SFWMD play in the management operations, and the support that USACE will provide. Finally, he provided a schedule for upcoming project milestones. Currently we are in the Documentation and Decision phase, with the draft of EIS and water control plan (WCP) forthcoming. Project close out will take place in 2023 with the record of decision.

- B. MAP Broward (20p, 10d) [56:57]  
*Nichole Kalil, Public Information Officer, MAP Administration, and Natasha Herne, GIS Analyst Senior, MAP Administration.*

Ms. Kalil provided an overview of the Broward County Surtax Program how it was conceived, the funding source, and goals. A brief advertising video was included in the presentation to show the broad scope of services and projects. This is a 16-billion-dollar effort over 30 years, with approximately 27 years left. Ms. Kalil then went into an overview of resiliency projects across the County funded by the surtax.

Ms. Herne provided an overview of the Transportation Surtax Project Dashboard which provide a means of viewing and tracking projects and their current status. A survey will be sent to TAC members as a follow-up.

- C. Simulated Drainage Infrastructure and Groundwater System Response to Changes in Sea-Level, Broward County, Florida. (15p 5d) *Dr. Jeremy Decker, USGS Hydrologist.*

Dr. Decker provided an update to the ongoing modeling project that is simulating sea level rise and the impacts it will have on the groundwater levels in Broward County. He provided an overview of the SLR scenarios used in the simulations and the relevant sources of those numbers for future conditions. The data presented is subject to final review, but changes are not expected. Dr. Decker provided a very detailed explanation of the results for canals and areas across the County. We expect the full results and a final version of the model to be provided by August 2022.

- D. Saltwater Intrusion Workshop (10p, 10d)  
*Dr. Rajendra Sishodia, Environmental Program Supervisor, Resilient Environment Department.*

Dr. Sishodia provided an overview of the upcoming Broward County Saltwater Intrusion Workshop that will be held on June 13, 2022 in RM 430 at Government Center East. He provided a review where changes in Groundwater Salinity are captured and highlighted those areas for further consideration.

**X. New Business and Open Discussion**

**a. Future topics request.**

**XI. Next scheduled TAC Meeting: June 17, 2022, 9:30 a.m.**

**XII. Next scheduled Joint WAB/TAC Meeting: May 13, 2022, 10:00 a.m.**

**XIII. ADJOURN**