

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

Friday, April 21, 2023, 9:30 AM Hybrid Meeting via Zoom

A meeting of the Technical Advisory Committee (TAC) to the Broward County Water Advisory Board was held on April 21, 2023, commencing at 9:30 am in person at 115 S. Andrews Ave Room 430 and virtually 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.)

Please note that discussion within the room was sometimes difficult to hear due to issues with microphones in the room.

Link to the recording:

Topic: February Broward County TAC Meeting

Meeting Recording: https://broward-org.zoomgov.com/rec/share/U6s4Rmhsf2yqVl5TeoZx0sZWUFbAtTfNZZKFZFTWvRYTMqz6W_0nMSR_QOpWeabp.DGTWfOOpXJe0NErO

I. Roll Call

Name	In Person	Virtual	Absent	Alternate Name
Kevin Hart (Chair)	X			
Randolph Brown Vice- Chair		X		
Albert Carbon	X			Chris Cappiello
Alan Garcia		X ALT		Susan Bodmann
Brett Butler			X	
Commissioner Doug Bell	X			Robert Goggin IV
David Walker	X			
Giovanni Batista		X		
Heather Cunniff	X			
Isabel Cosio Carballo			X	
Jace Selby			X	
Dr. Jennifer Jurado	X			
Jose Lopez	X			
Dawn Teetsal		X		Deann Von Stetina
Lisa Milenkovic		X		Cindy Griffen
Mike Bailey			X	Paul Thompson
Patrick Davis		X ALT		Janeen Wietgreffe
Pete Kwiatkowski		X		Lorraine Mayers
Rafael Frias	X ALT			Melissa Velez
Renuka Mohammed			X	Kiersy Pena Bratton
Stephanie Pearson		X		
Steve Holmes	X			
Jeff Jiang	X			First Meeting
Suzanne Mechler	X			Jon Goldman
Talal Abi-Karam		X		
Tim Welch		X		Carrie Kashar

II. **Statement of Meeting Objectives**

A meeting of the Technical Advisory Committee to the Broward County Water Advisory Board was held on April 21, 2023, commencing at 9:30 am in room 430 and on Zoom.

III. **Public Comments**

None Provided.

IV. ****TAC Approval of Minutes of February 17, 2023**

Motion: David Walker, Second: Commissioner Albert Carbon, Vote: Unanimous.

Mr. Walker noted his attendance was missing from the previous minutes. Dr. Mount will fix.

V. **Announcements**

Dr. Jurado provided brief announcements on Water Matters Day and the C&SF 216 Study.

VI. **Presentations**

- A. C-8 and C-9 Watersheds Flood Protection Level of Service Adaptation and Mitigation Planning Study (30p, 10d) Akintunde Owosina, P.E., Chief,, Hydrology and Hydraulics Bureau, South Florida Water Management District

Mr. Owosina provided a final presentation on the completion of the Phase two C-8 and C-9 Flood Protection Level of Study. Mr. Owosina provided an overview of the public workshops and outreach that was conducted during the project and how the stakeholders remained engaged throughout the process.

Mr. Owosina described the model objectives and results and the development of adaptation and mitigation projects. These projects started at the local level, termed M1 strategies by the District and extend to major regional projects, M3 with a few subsets. All of the projects are conducted in a no-regrets framework that allows for adaptation within the series of projects that scale up progressively and incorporate all of the previous work. The projects were evaluated for cost benefits and modeled within an ADCIRC model to determine if there would be downstream effects and what could be expected. Additional work was completed on water quality impacts due to the sensitive nature of Biscayne Bay, slight impacts were shown, but additional green infrastructure could be used to mitigate and improve water quality.

- B. Breaking Down PFAS: What Lies Ahead for Municipal Drinking Water Treatment? (30p 10d) Dr. Ian Ross, *Vice President and PFAS Leader*, and Alan LeBlanc, PE, BCEE, *Senior Vice President, Discipline Leader – Water Treatment*, CDM Smith

Mr. LeBlanc provided an overview of the complicated treatment options for PFAS and PFAS-related compounds in municipal drinking water. He provided an overview of potential upcoming legislation and some of the current and potential future treatments. He went on to show some current treatment projects and how CDM Smith has been involved in those case studies.

Dr. Ross provided an overview of the chemistry of the compounds and a look at compounds that will be required to be measured and treated in the future (based on international standards). Dr. Ross also reviewed the laboratory analysis for these contaminants and how they are being tested for.

The computer system disconnected and took a few minutes to get back online.

A series of questions and answers followed.

- C. ****Update to Plate WM 2.1 – Future Conditions Groundwater Elevations (20p 10d)**
Dr. Rajendra Sishodia, *Environmental Program Supervisor, Resilient Environment Department*

Dr. Sishodia provided a history of the use of the Future Conditions map in use from 2017 and an overview on the update of Plate WM 2.1 Future Conditions (2070) and the modeling work that occurred to produce that document. This presentation is the first step in the stakeholder process and is being used to vet and receive support from the TAC.

A vote was held to send a recommendation of support to the update of Plate WM 2.1 to the Water Advisory Board, Motion by Albert Carbon; second by Steve Holmes; the vote was unanimous.

- D. Resilience Update (5p 5d)
Dr. Jennifer Jurado, *Deputy Director and Chief Resilience Officer, Resilient Environment Department*

Dr. Jurado provided a brief update on the ongoing work on the resilience unit and the findings from the April 12th storm. She also provided information on the status of the Resilience Plan and its latest updates.

- E. 4/12/2023 Rain Event General Discussion
Dr. Rajendra Sishodia, *Environmental Program Supervisor, Resilient Environment Department*
Dr. Sishodia's presentation was pushed to the next meeting.

VII. New Business

a. Ideas for Future Presentations

VIII. Next scheduled TAC Meeting: June 16, 2023, 9:30 a.m.

IX. Next scheduled Joint BC WAB and PBC WRTF Meeting: May 12, 10:00 a.m.

X. ADJOURN