

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

Friday, October 21, 2022, 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 October 21, 2022, commencing at 9:30 am in person at 115 S. Andrews Ave Room 302 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 difficult to hear due to issues with microphones in the room.

Link to the recording:

Topic: August Broward County TAC Meeting

Start Time: October 21, 2022, 09:02 AM

Meeting Recording: https://broward-org.zoomgov.com/rec/share/VOtBUu-mfi_FT4kSLHdi-q1_OxkbD1X_-50HN94HEbSHpUM5NtDO934C085FANng.7MkEdyDDIp7Qb7AW

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 In-person | | | Susan Bodmann |
| Brett Butler | | | X | |
| Commissioner Doug Bell | X | | | Jack McCluskey |
| 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 | | | |
| Lisa Milenkovic | | | X | Cindy Griffen |
| Mike Bailey | X Alt In-person | | | Paul Thompson |
| Patrick Davis | X | | | |
| Pete Kwiatkowski | | X ALT | | Lorraine Mayers |
| Rafael Frias | | X | | Melissa Velez |
| Renuka Mohammed | | | X | Kiersy Pena Bratton |
| Heather Cunniff | X | | | |
| Stephanie Pearson | | X | | |
| Steve Holmes | X | | | |
| Jeff Jiang | X | | | First Meeting |
| Suzanne Mechler | X Alt In-person | | | 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 October 21, 2022, commencing at 9:30 am on Zoom.

III. Public Comments

None Provided.

IV. **TAC Approval of Minutes of August 12, 2022

Motion: Pat Davis, Second: Steve Holmes, Vote: Unanimous.

V. Candidates for Utility Director/City Engineer/Public Works Department Category Introduction. (1 to 2-minute limit).

1. Rod Ley- Southwest Ranches
2. Feng (Jeff) Jiang – City of Hollywood

VI. **TAC Vote on Utility Director/City Engineer/Public Works Department Category Vacancy

- a. A vote was held for the vacancy using ballots and emails for those participating virtually, and Feng (Jeff) Jiang collected the majority.

VII. Announcements

Dr. Jurado provided information on C&SF stakeholder meetings, County-wide Resilience Plan, and Compact Summit.

VIII. Presentations

- A. Hollywood Stormwater Master Plan (30p, 10d) [18:20-1:07:30]
Jonathan Z. Goldman, *P.E., BCEE, PMP, Associate, CDM Smith*

Mr. Goldman from CDM Smith provided an overview of the Hollywood Stormwater Master Plan also present was Tom Nye and Michael Schmidt. Mr. Goldman discussed the benefits that new technology has provided to the master plan process and the ability of these techniques to provide fine scale details. Mr. Schmidt outlined the goals of the project to provide the desired levels of service and how future projects could be funded. Mr. Goldman then provided an overview of the data that they had collected prior to the modeling efforts and detailed the work undertaken as part of this project.

Mr. Nye provided an overview of the technical modeling efforts that included an increased resolution of 5-10 acres for each subbasin and the calibration and validation of the model.

The project timeline was updated to show the delivery of preliminary results in January of 2022, and presentation to Commission in April 2023. Discussion followed the presentation with a series of questions concerning data and future plans.

Chair skipped to IX. New Business – Discussion on Septic Connection Identification and Recommendations to WAB. Please see below.

- B. Update on the Broward County Citizen Science Flood Mapping (20p, 10d) [1:25:08-1:40:03]
Imrul Hack, *Senior GIS Analyst, Broward County Resilient Environment Department*

Mr. Hack provided an overview of the Document the Floods - Crowdsourced Flood Reporting tool and the latest updates that had been made. Mr. Hack sought to improve the user experience and broaden the audience by translating the application into Spanish and Haitian Creole. The application has been developed over the course of several years and

has provided insight into numerous storm and flooding events, and has served as a means of ground truthing our hydrologic models and our hazard assessments.

The websites can be found at flooding.broward.org and crowdsource.broward.org

- C. King Tides Update (10p 10d) [1:40:03-2:01:01]
Dr. Rajendra Sishodia, *Water Assessment Manager, Resilient Environment Department*

Dr. Sishodia provided an overview of the ongoing King Tide efforts here at the County and provided some background information on the tides, flooding and sea level rise using the Compact Unified Sea Level Rise Projection. Dr. Sishodia provided an in-depth evaluation of the flood and surge models and data we have available here at the County, both generated by County efforts and as the result of federal projects. Dr. Sishodia also provided information about the flooding thresholds and the number of flooding days we can expect moving forward. Broward is susceptible and will see increased numbers of flooding days. However, numerous mitigation efforts have been undertaken to fix these areas and some flooding has been decreased. Mr. Hart spoke to the impact of tidal waters in the drainage canals, specifically S-13 where tailwaters are of concern. Dr. Jurado mentioned the importance of the tidal gage at Port Everglades and the benefits of having it local, rather than relying on distant data points.

IX. New Business

- a. ****Discussion on Septic Connection Identification and Recommendations to WAB** [1:07:30-1:25:08]

Dr. Jurado solicited recommendations for the most cost-effective means of identification of homes on septic systems. Discussion was had on the use of smoke tests or camera inspections to conduct the study.

- b. **Ideas for Future Presentations**

- c. **Announcement of TAC Member for Utility Director/City Engineer/Public Works Department Category Vacancy**

- X. **Next scheduled TAC Meeting: December 14, 2022, 9:30 a.m.**

- XI. **Next scheduled Joint WAB/TAC Meeting: November 18, 2022, 10:00 a.m.**

- XII. **ADJOURN**