

Palm Beach County

Water Resources Task Force (WRTF)

October 27, 2022

1:30 PM

Vista Center, Room VC-1W-47 (1st Floor)

2300 North Jog Road, West Palm Beach, Florida 33411

Meeting Minutes

Member	Organization	Alternate	Organization
Monica Mayotte	City of Boca Raton	Vacant	
Milton (Chip) Block (Chair)	Town of Jupiter Inlet Colony	Vacant	
Jason Haselkorn	Town of Juno Beach	Vacant	
Rachelle Litt (Vice Chair)	City of Palm Beach Gardens	Vacant	
Robert Hagerty	Town of Lantana	Vacant	
Gregg Weiss	Palm Beach County	Melissa McKinlay	Palm Beach County
Poonam Kalkat, Ph.D.	City of Boynton Beach	Julie Parham, P.E.	City of Lake Worth Beach
Tommy Strowd	Lake Worth Drainage District	Vacant	Lake Worth Drainage District
Vacant	Drainage/Water Control District elected official	Vacant	Drainage/Water Control District elected official
Jay Steinle	South Florida Water Management District	Mark Elsner	South Florida Water Management District
Vacant	Environmental Interests	Vacant	Environmental Interests
Vacant	Agricultural Representative	Vacant	Agricultural Representative
Michael Johnson	Indian Trail Improvement District	Greg Shafer	Indian Trail Improvement District

Roll call was taken

Michael Johnson, Milton (Chip) Block, Poonam Kalkat, Rachele Litt, Greg Weiss, Jay Steinle and Monica Mayotte.

With quorum the WRTF unanimously approved the previous meeting minutes.

The following notes are a summary of the information provide at the discussions of the WRTF. This summary is not a transcript of the meeting.

Background and Need for Corbett Levee Upgrade

Paul Linton, P.E. Water Resource Manager for Palm Beach County presented information on the L-8 Basin, ITID, and the Corbett Levee including:

- Description of the Watershed (CGCDD, ITID, J.W. Corbett WMA, Dupuis Wildlife Preserves, EAA)
- Drainage Area (171 square miles)
- Drainage rates ranging from 0.25 to 0.75 inches per day
- Description of the ground surface in southeaster Corbett and the resulting accumulation of water along the north side of ITID.
- Description of the inadequacies of the existing Corbett levee to meet the current standards for freeboard, wave protection, and internal seepage.
- Description of the completed two-mile upgrade and the required three-mile upgrade to complete the upgrade of the Corbett Levee.
- Example of the variation in the water levels along the north side of the Corbett Levee.
- Example of the proposed design for the upgraded levee

L-8 Canal Flows and Stages during Hurricane Ian

Paul Linton, P.E. Water Resource Manager for Palm Beach County presented information on the L-8 Basin, ITID, and the Corbett Levee including:

- The antecedent condition were wetter than typical for the wet season
- The rainfall was substantial (4 to 8 inches)
- Showed that the primary drainage route for the L-8 Canal is into Lake Okeechobee at the northwest end of the L-8 Canal
- Described new S-271 structure that replaced the CV10A.
- Showed figure of the four culverts with manatee grates which are on S-271 but were not on CV-10A
- Showed the location of the G-541 step down/divide structure which regulates flow from the L-8 Canal into the south segment of the L-8 Canal and then into the C-51 Canal through S-5AE
- Provided a figure showing how the L-8 Canal stage is controlled by S-271 and how the clogging of the Manatee Grates resulted in meaningfully higher water levels.
- Described the use of the SFWMD L-8 FEB. Only a minor amount of L-8 Water was put into the L-8 FEB.
- The L-8 FEB primary function is to provide flow equalization for STA-1; which is necessary in order to achieved the required water quality treatment.

- The L-8 FEB is incongruently named the L-8 FEB as it is not located in the L-8 Basin and its primary function is not flow equalization for the L-8 Basin.
- Communicated the short-term recommendation that the USACE should either pull or clean the Manatee
- Grates S-271 when a tropical storm watch or warning is issued for Palm Beach County
- Provide information on how the higher expected stage with the LOSOM System Operating Manual will result in substantively longer periods with reduce capacity from the L-8 Canal into Lake Okeechobee.