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## South Florida Water Management District

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### GOVERNING BOARD LUNCH & LEARN DBHYDRO INSIGHTS MINUTES

April 28, 2021

11:30 AM

via Communications Media Technology

[www.SFWMD.gov](http://www.SFWMD.gov)

*This moderated Lunch & Learn will provide the public and Governing Board with an introduction to DBHydro Insights. This month, the District officially launched DBHydro Insights to the public. This database will provide quick access to current levels of major lakes in South Florida as well as flow gauge readings and other data on water control structures, STAs, and all the other major components of the District's water management and flood control systems. It will also provide access to current and historical data on watersheds and other sites throughout South Florida.*

*The workshop session is informative in nature, and no decisions will be made by the Governing Board.*

1. Overview of Lunch & Learn Format  
Chairman Goss began the workshop at approximately 11:30 AM.
2. DBHydro Insights - Duane Piper, Chief Information Officer  
Mr. Piper welcomed the Board to the Lunch & Learn workshop and introduced Water Quality Bureau Chief Stuart Van Horn; Head of Software Applications Lokendra Matoli; and, Principal Software Developer Brian Smith.

Mr. Piper presented the DBHydro Insights business intelligence and data analysis tool to the Board. Items discussed included the DBHydro Insights

timeline; active hydrologic and water quality database; map-based user interface menu and data analysis tool; and, the District's website tutorial.

3. Board Discussion

In response to Ms. Thurlow-Lippisch's question regarding the availability of integrated Base Maps with Environmental Systems Research Institute ESRI in real time, Mr. Piper stated staff would check with developers and provide an update to the Board.

In response to Ms. Roman's question regarding if a clipboard feature was available to compile elements of data into a report, Mr. Piper stated staff would bring this feature to developers to research and provide an update to the Board.

In response to Mr. Bergeron's question regarding the availability of a tool that would reflect inflows and outflows in the southern end of the system, Mr. Piper stated research was underway to create a system lens that would provide data for staff to use with environmental scientists and external consultants. Mr. Bergeron then asked when the system lens might be made on the District website for the southern end of the system to which Mr. Piper stated by the next fiscal year to allow time to update the functionality of this new tool.

In response to Ms. Meads question regarding the frequency of updates to the maps, particularly the water area data comprising of 230,000 acres in the Florida Keys, Mr. Piper explained the maps were taken from the District's central GIS database which was defined by other tools within the District, and staff would research the frequency of map updates and water area data in the Florida Keys and provide an update to the Board.

This item is recorded at:

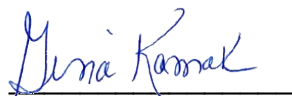
<https://www.youtube.com/watch?v=0roet41HSyk>

4. Public Comment

There was no public comment.

5. Adjourn

Chairman Goss concluded the workshop at approximately 12:30 PM.



Gina Kamak

Deputy District Clerk

South Florida Water Management District