

Florida Department of Environmental Protection

#### April 18, 2019



- Chapter 62-303, F.A.C., establishes the method for identifying impaired waters and for developing a reasonable assurance plan to restore water quality.
- The Florida Keys Reasonable Assurance Document (FKRAD) was adopted in 2008 to address nutrient loading.
- The latest FKRAD update was completed in August of 2018 and has been uploaded to the DEP web site.



- The FKRAD includes a list of management actions proposed to address the impaired waters and to achieve the designated water quality targets.
- Most of the projects in the FKRAD have been completed with a handful remaining and slated to be completed by 2020.



 The County, RA stakeholders, and DEP are partnering to fund a water quality monitoring program in the nearshore waters, because there is currently insufficient data to determine if the nearshore water quality targets will be attained.



•The University of Miami will collect and analyze nearshore water quality data for the FKRAD under a contract with Monroe County.

•The monitoring will take place for 2 years, on a quarterly basis, and the parameters to be collected include: total nitrogen, total phosphorus, chlorophyll-a, and field measurements such as dissolved oxygen.

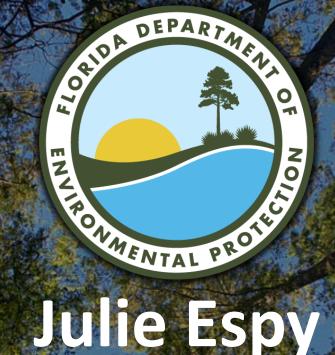


- This data will be used to evaluate if the FKRAD management actions will achieve the water quality targets in the nearshore waters.
- The sampling data will be entered into the Department's Water Information Network (WIN) database where the data will be stored and made available to the public.



## Link to the updated 2018 RAD document:

http://publicfiles.dep.state.fl.us/DEAR/DEARweb/RA P/FL%20Keys%20RAD%20Update final Aug2018.pdf



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