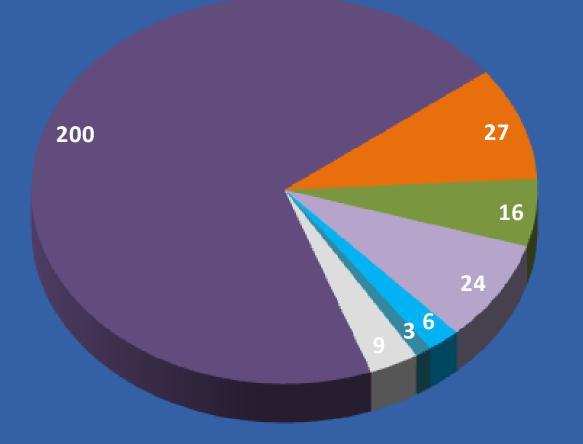
## 2014 Environmental Permitting Summer School

#### Minimum Flows and Levels in the Southwest Florida Water Management District

Mark Hammond, P.E. Resource Management Division Director, SWFWMD

#### **Minimum Flows and Levels Status**

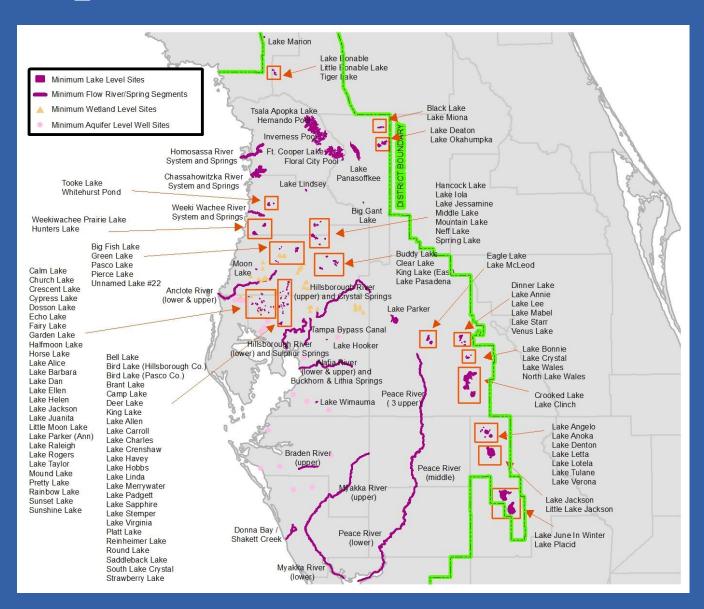
285 MFLs Included on SWFWMD Priority List and Schedule 200 or 70% Completed



- Already Adopted
- Proposed FY2014
- Proposed FY2015
- Proposed FY2016
- Proposed FY2017
- Proposed FY2018
- Proposed FY2019

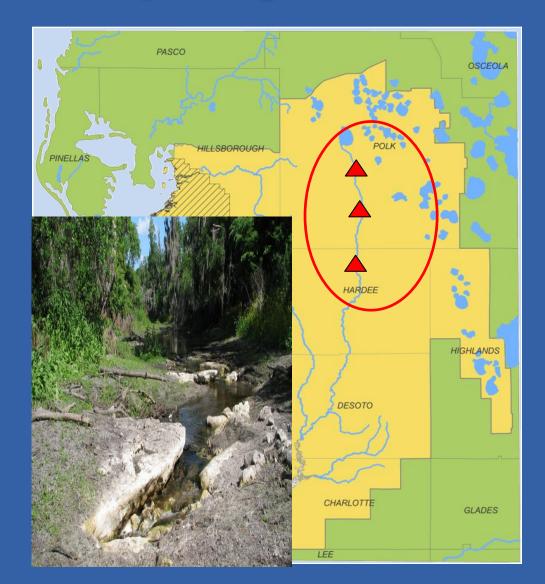
FY2014, FY2015 and FY2019 counts include MFLs to be reevaluated

#### **Adopted MFLs in the SWFWMD**



# In Recovery Stage

- Upper Peace River
- Part of SWUCA Recovery Strategy
- Meets MFL 70% of days
- Restore by 2025



#### Lake Hancock

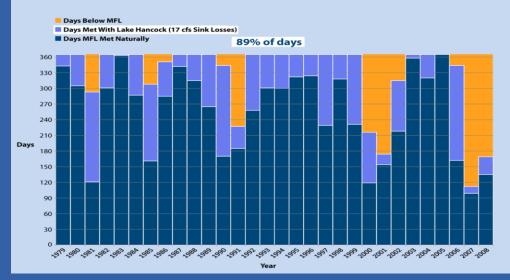


#### Lake Level Modification Goals

- Restore historic lake level
- Meet MFL 89%
- Provide up to 17 cfs of recharge to sinks
- Preserve 4,800 acres of floodplain

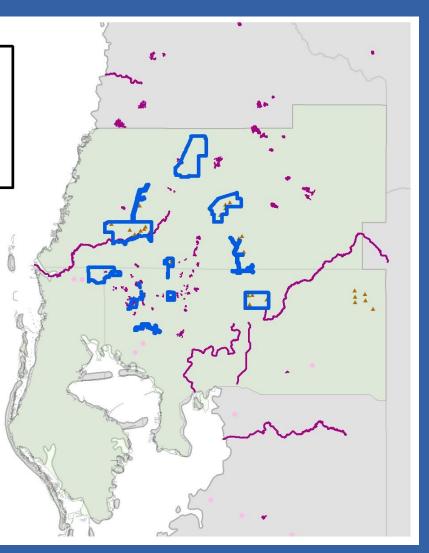


Days Fort Meade Flows Met MFL (27 cfs) with Lake Hancock (17 cfs Sink Losses)



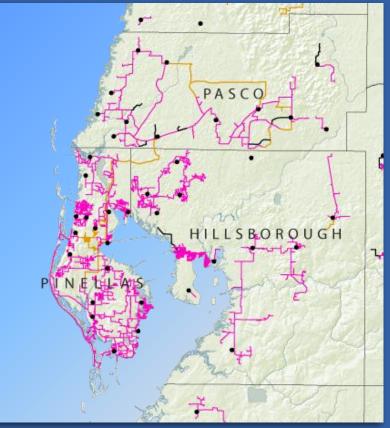
## MFLs and the Central System Facilities in the Northern Tampa Bay WUCA

Northern Tampa Bay Water Use Caution Area
Central System Facilities
Minimum Lake Level Sites
Minimum Flow River/Spring Segments
Minimum Wetland Level Sites
Minimum Aquifer Level Well Sites



### **Alternative Water Supplies**





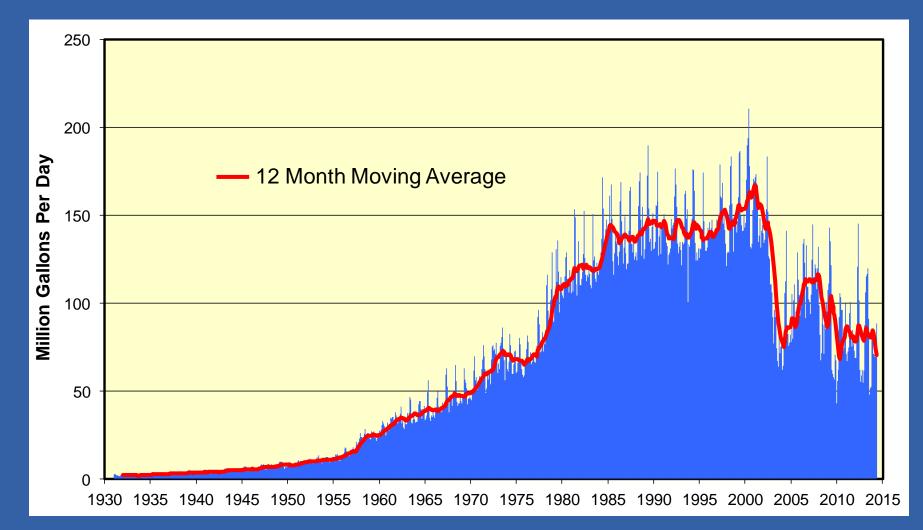






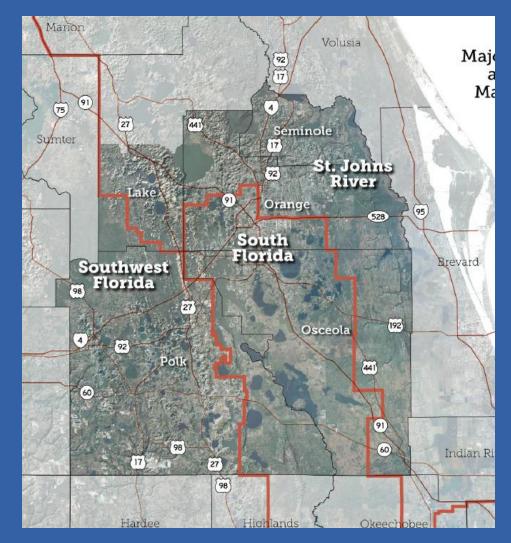


## Tampa Bay Water Consolidated Permit Wellfield Water Use



## **Central Florida Water Initiative**

Includes portions of three Water Management Districts



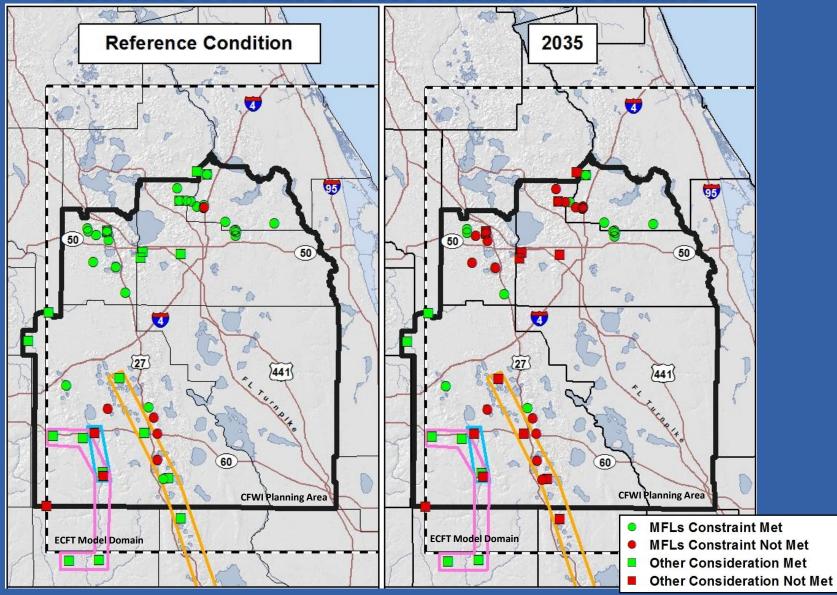
#### **MFLs Coordination in the CFWI Area**

CFWI Steering Committee approved MFL-related documents describing:

- Standard peer review process for MFLs and reservations in the CFWI area
- Options for consistently evaluating the status of MFLs in the CFWI area
- Processes used for developing MFLs priority lists and schedules in the CFWI area

Southwest Florida Water Management District

#### MFL Measuring Stick Example Results Reference Condition & 2035 Withdrawal Condition



#### Southwest Florida Water Management District

In the North



#### Questions?