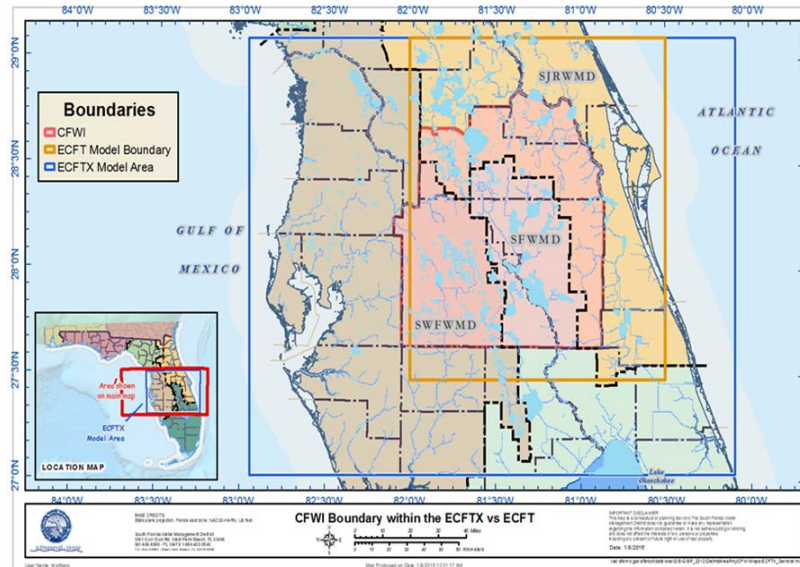


ECFTX Model Update



*Water Resource Assessment Team Meeting
August 10, 2016*

*Peter J. Kwiatkowski, P.G.
Hydrologic Analysis Team*

www.cfwewater.com

Status

- Completed 8/10/16 -- Land Use, Rainfall-Runoff Partitioning, Man-Made Drainage, Hydrostratigraphy, Model Layering, Conceptual Model Documentation, Rivers, Lakes, Water Use
- Complete 8/30/16 – Springs, Aquifer Properties, Basic MODFLOW packages
- Complete 9/15/16 -- Return Flow
- Complete 10/1/16 – Model ready for calibration

Reasons for Optimism Regarding Calibration

- Better data -- less time during calibration resolving errors
- Improved conceptualization of boundary conditions – Atlantic Ocean and Gulf
 - Polk County water use issue resolved
- Peer Review – address comments as we go
- Water Use data and QA/QC review by Utilities
 - Resolve discrepancies between model and plan

Milestones

- Calibration – October 2016 to July 2017
- Peer Review – August 2016 to August 2017
- Address Peer Review Comments – October 2016 to November 2017
- Model Documentation – August 2017 to January 2018

Questions?

