

Draft DMIT Work Plan

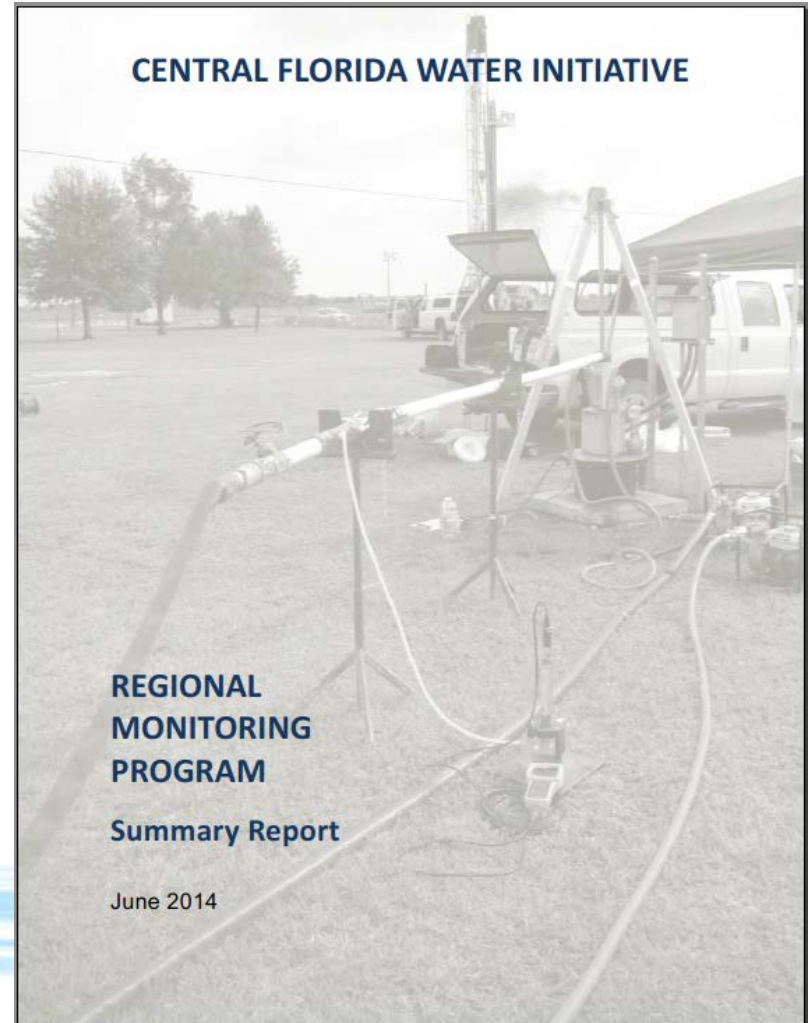
**Steering Committee Meeting
December 19, 2014**

Presented by Chris Sweazy

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DMIT Regional Monitoring Plan

- DMIT Summary Report of June 2014
 - Reviewed current data collection and identified options for data gathering improvements
 - Specified methods for identifying and prioritizing future sites
 - Set preliminary targets for the number of water level monitoring sites to be constructed
 - Estimated preliminary costs



SC Direction for DMIT Efforts

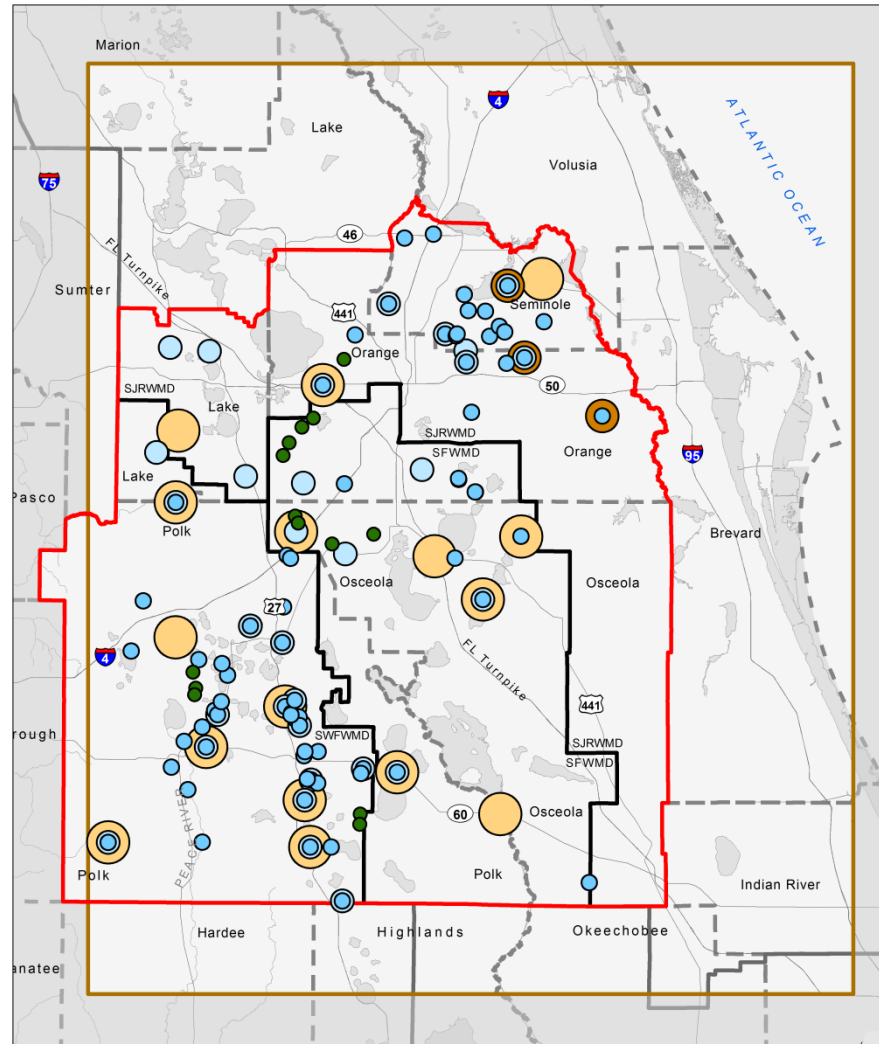
- Identify priority site locations for the minimum option ✓
- Identify possible associations for certain monitor locations and the implementation of WSOP's ✓
- Revisit well costs for consistency ✓
- Develop a written work plan – *In Progress*

DMIT Work Plan

Draft Findings

- Identified locations and priorities for wetland, SA, UFA and LFA water level monitoring sites
- Provided additional site review for secondary site locations based on access and construction limitations
 - Resulted in a higher than expected elimination of specific sites for possible new SA sites
 - Work plan calls for development of a GIS process to identify new SA sites
- Work plan sets forth targets for annual construction activities in tables and maps

Central Florida Water Initiative

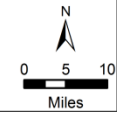


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Currently Proposed Water Level Monitor Sites for the CFWI Minimum Option (DRAFT)

- Wetlands
- Surficial Aquifer
- Upper Floridan Aquifer
- Avon Park Permeable Zone
- Lower Floridan Aquifer

- CFWI Boundary
- ECFT Model Domain
- County Boundaries
- Water Management District Boundaries



DMIT Work Plan

Draft Findings (con't)

- Review of well construction costs and testing procedures
 - Cost estimates included standardized testing protocols, depths, and budget materials
 - Standardized costs have limited value due to variable geologic conditions and differences in testing procedures between WMD's
 - Consulting services would add 25 – 30% to cost
- Work Plan implementation costs developed as follows:
 - FY15 - Actual bid costs
 - FY16 thru FY20 - Site specific cost development
 - FY21 thru completion – WMD specific unit cost by well type

DMIT Work Plan

Draft Findings (con't)

Wetland monitoring locations

- Along with MFL data support, given the highest priority for new data collection
- 107 new sites targeted in DMIT Summary Report
- EMT Class I level monitoring set as the goal
 - With additional data collection supporting regulatory use
- 200+ existing and proposed permittee monitoring sites in current inventory
 - Upgrade monitoring to Class I standards
- GIS tool development proposed for FY15 to identify additional sites

DMIT Work Plan

Scheduling

- Estimated implementation of larger components within 5-7 years and other components completed within 10 years
- Implementation schedule is based upon:
 - WMD being lead implementation agencies
 - Reasonable WMD funding levels
 - Current staffing levels

DMIT Work Plan

Costs

- Total cost of minimum option implementation is estimated at \$33 million
 - \$21 million for typical construction projects
 - \$12 million for P280 projects
 - 18 LFA, 40 UFA/APPZ, 165 SA and 107 wetland sites
- Work Plan outlines opportunities to expedite implementation should partnership assistance and additional funding sources be identified
 - Reduce implementation time by five years
 - Increase cost on the order of \$6 million

DMIT Schedule

- Dec 19th – SC discussion of draft work plan ✓
- Jan 2015 – MOC Discussion
- Jan 2015 – SC acceptance of final DMIT work plan