

# Data Management and Investigations Team (DMIT)

## Hydrogeologic Work Plan Update For FY2018-FY2020

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St. Johns River Water Management District

CFWI Steering Committee Meeting - January 19, 2018



# FY 2015-2020 DMIT Well Status

## FY2015-2020 Targets

150 wells planned

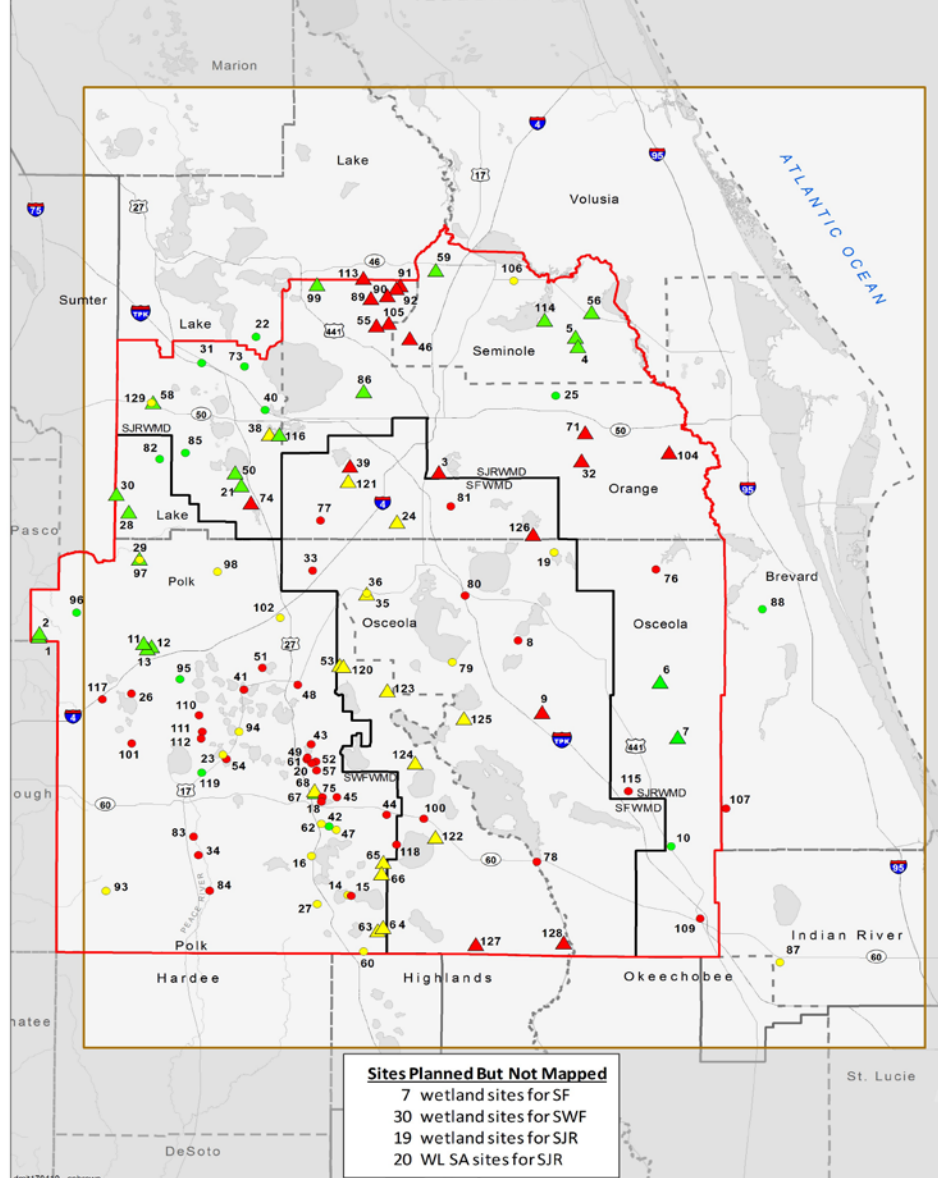
- 102 Wetland SA
- 79 General SA/IA
- 40 UFA/APPZ
- 31 LFA

## FY2015-2020 Completed

40 wells completed

- 10 Wetland SA
- 12 General SA/IA
- 13 UFA/APPZ
- 5 LFA





**Sites Planned But Not Mapped**  
 7 wetland sites for SF  
 30 wetland sites for SWF  
 19 wetland sites for SJR  
 20 WL SA sites for SJR



Figure 1: Status of DMIT Sites (November 2017)

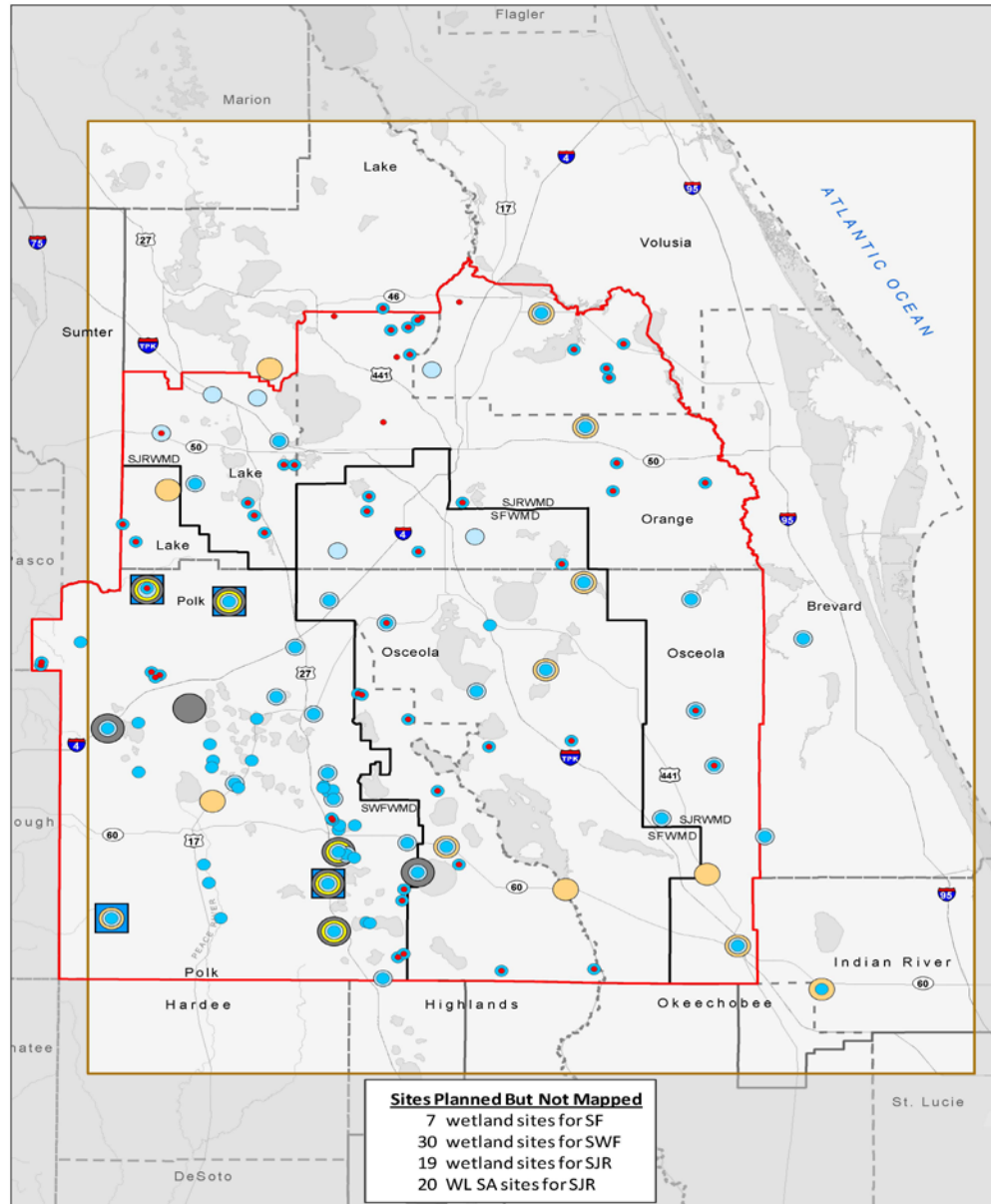
**Status of DMIT Sites**

△ Wetland	<b>Green = Completed</b>	□ CFWI Boundary
○ Well(s)	<b>Yellow = In Progress</b>	□ ECFT Model Domain
	<b>Red = Proposed</b>	--- County Boundaries
		□ Water Management District Boundaries

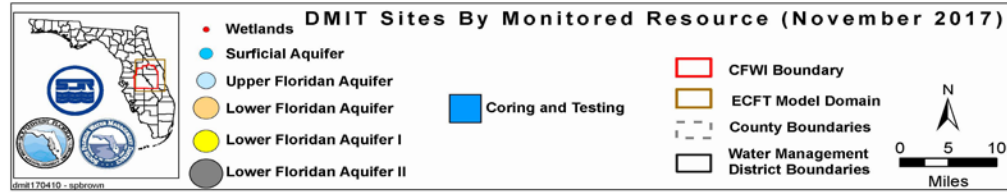
N

0 5 10  
Miles





**Sites Planned But Not Mapped**  
 7 wetland sites for SF  
 30 wetland sites for SWF  
 19 wetland sites for SJR  
 20 WL SA sites for SJR





# FY2017 DMIT Well Status

## FY2017 Targets

74 wells planned

- 26 wetland SA
- 30 general SA/IA
- 12 UFA/APPZ
- 6 LFA

## FY2017 Completed

20 wells

- 7 wetland SA
- 5 general SA/IA
- 6 UFA/APPZ
- 2 LFA



# Why Targets Are Not Met

- Difficulties with site access authorization
  - Contractor scheduling delays
  - Delays due to adverse weather
  - Changes in site development priorities
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- Many uncompleted sites in progress
  - Wells not completed are incorporated into subsequent work plans as appropriate



# Planned FY2018 and FY2019-2020 Well Construction

## FY2018 Targets

69 wells planned

- 21 wetland SA
- 25 general SA/IA
- 15 UFA/APPZ
- 8 LFA

## FY2019-2020 Targets

134 wells planned

- 61 wetland SA
- 42 general SA/IA
- 13 UFA/APPZ
- 18 LFA



# Wetland Site Status

## FY2015-2020 Targets and Status

- 107 planned/22 completed

## FY2017 Target and Status

- 26 planned/9 completed

## FY2018 Target

- 24 planned

## FY2019-2020 Target

- 61 planned





# Implementation Costs

Fiscal Year	Total Implementation Costs (in millions)
2015	\$0.55
2016	\$2.04
2017	\$2.54
2018	\$7.78
2019-2020*	\$17.99
<b>Total</b>	<b>\$30.9</b>

\*Costs are estimated



# Other DMIT Activities

## Action Item

- Update Well Data Inventory
- Complete analysis of UFA sites that need SA wells
- Develop future monitoring locations
- Assist HAT in obtaining aquifer characteristic information
- Create database for storing field reports and digital media associated with wetland sites

## Status

- Completed
- Completed
- Ongoing
- Coordinating with HAT
- Ongoing. Field report template complete. Database scheduled for 2018 completion

# Minimum Standards Document

Revise Minimum Standards Document as follows:

- Change minimum frequency of water resource data collection for aquifer water level measurements from weekly to daily.
- Update water quality monitoring section.



# Action Items

- DMIT requests approval of the DMIT Hydrogeologic Work Plan Update for FY2018-FY2020
- DMIT requests approval of the revised Minimum Standards for Water Resource Data Collection, Site Establishment and Field Data Collection Protocols Document



# Questions?

