Data, Monitoring and Investigations Team (DMIT)

DMIT Hydrogeologic Annual Work Plan (FY2019-FY2025)

Interim Update

CFWI Steering Committee Meeting
July 25, 2019

Goal of DMIT

"Ensure that available hydrologic, environmental, and other pertinent data collected throughout the region are identified, inventoried, and accessible to support the CFWI technical initiatives and CFWI regulatory activities."

DMIT Hydrogeologic Work Plan

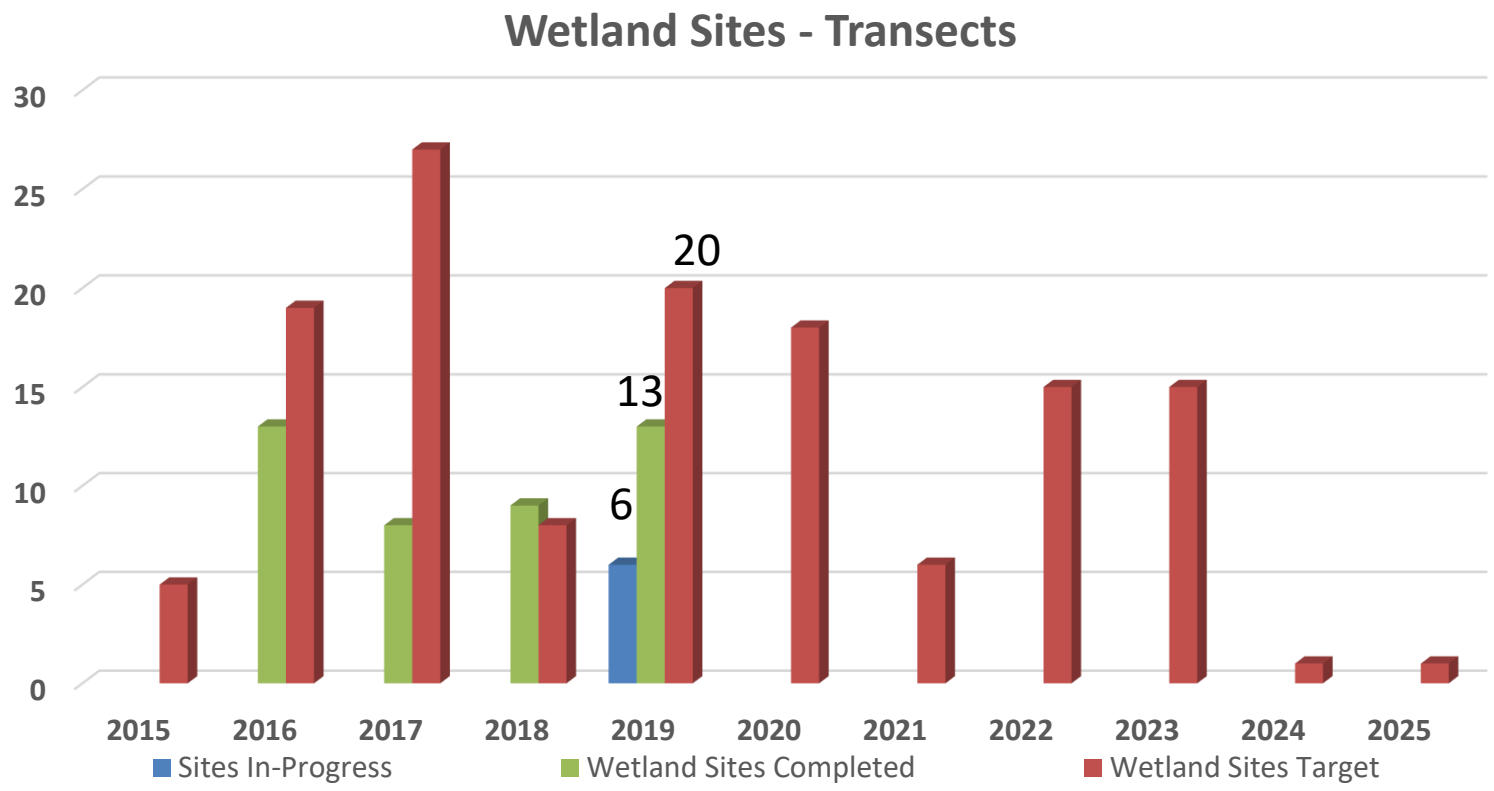
- Purpose is to delineate a schedule and construction details for development of new hydrogeologic monitoring sites
- Resources monitored include
  - Wetland monitoring with transects and Surficial Aquifer wells
  - Regional water level monitoring
    - Surficial aquifer
    - Upper Floridan aquifer
    - Lower Floridan aquifer
  - Other Parameters such as Water Quality and Rainfall

FY2015-FY2025 DMIT Well Status

	Wetland Sites	Wetland SA	General SA	UFA	LFA
2015	0	0	2	3	1
2016	13	4	5	4	2
2017	8	7	7	7	3
2018	9	5	8	6	2
Total (2015-2018):	30	16	22	20	8
2019	20	17	6	4	8
2020-2025	57	53	31	23	20
Total (2015-2025):	107	86	59	47	36

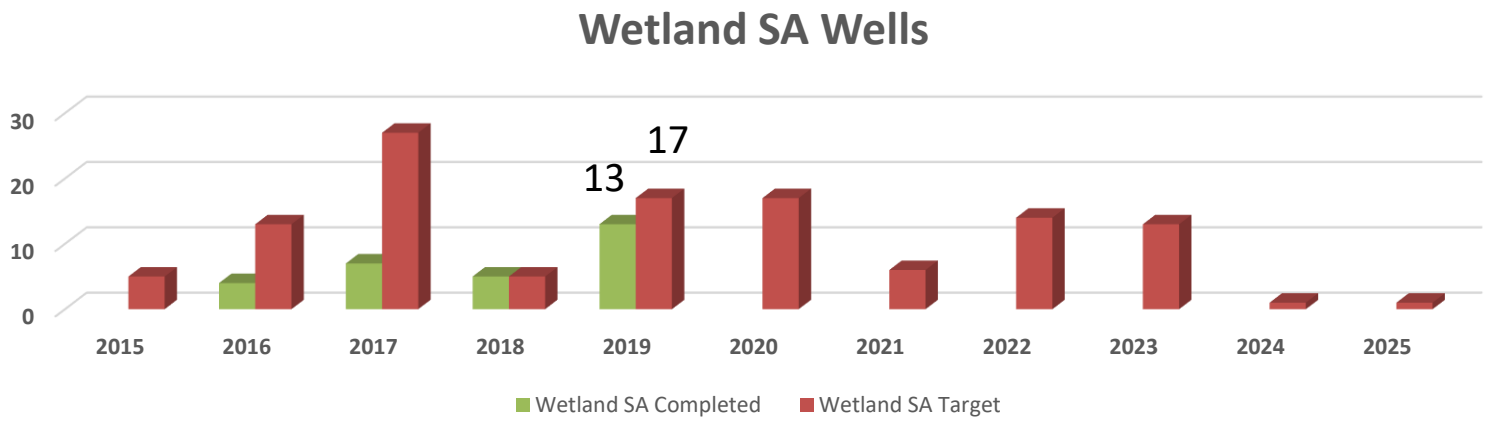
- There are currently 34 monitoring sites in progress

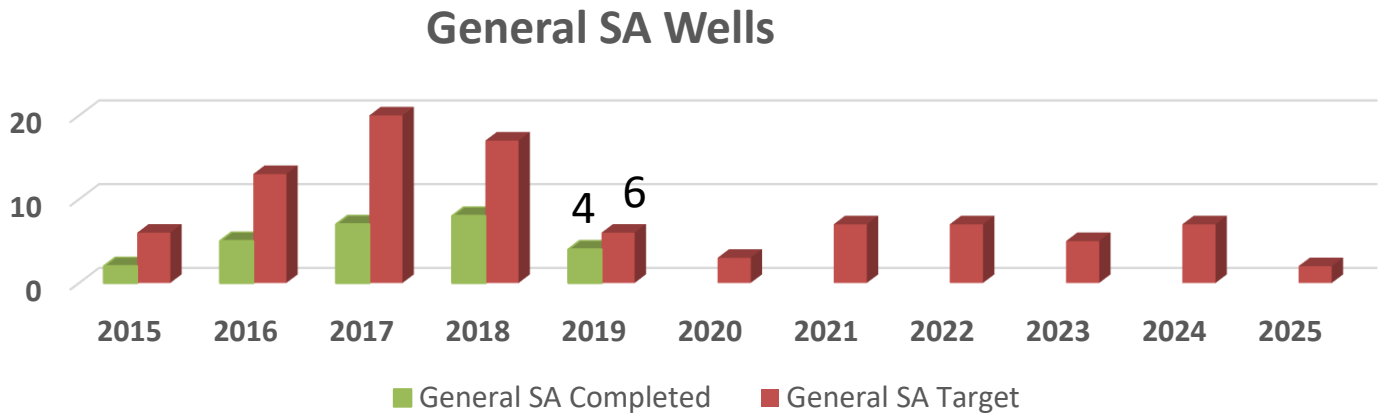
Wetland Site Transects Targeted/Completed



Only FY2019 in-progress sites shown. Targets not met are incorporated into future Work Plans as appropriate

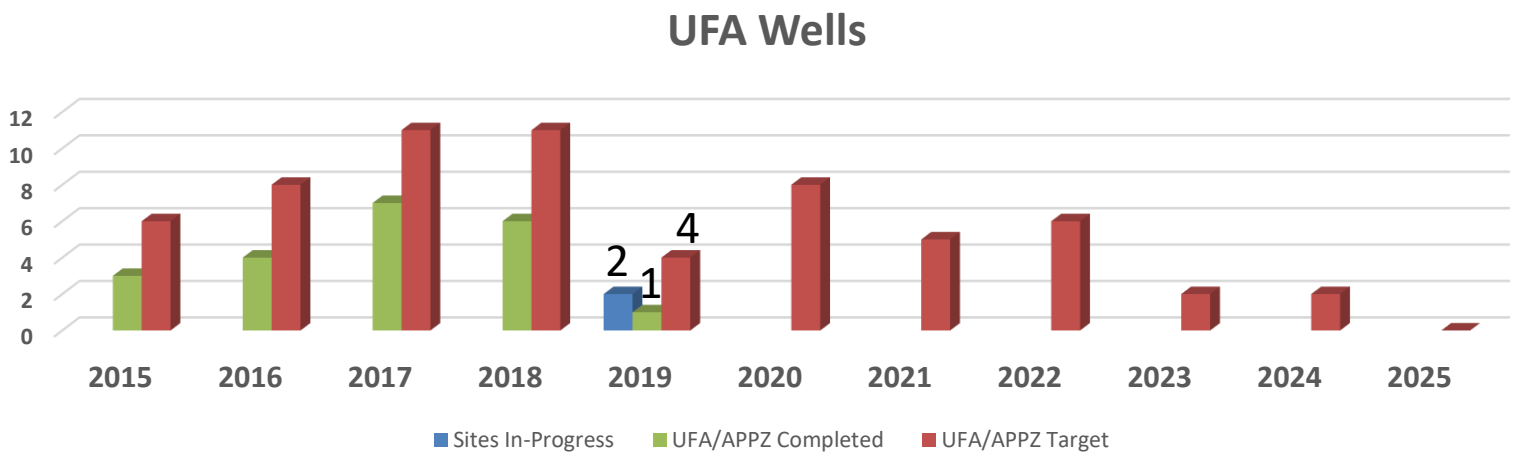
Surficial Aquifer (SA) Wells Targeted/Completed

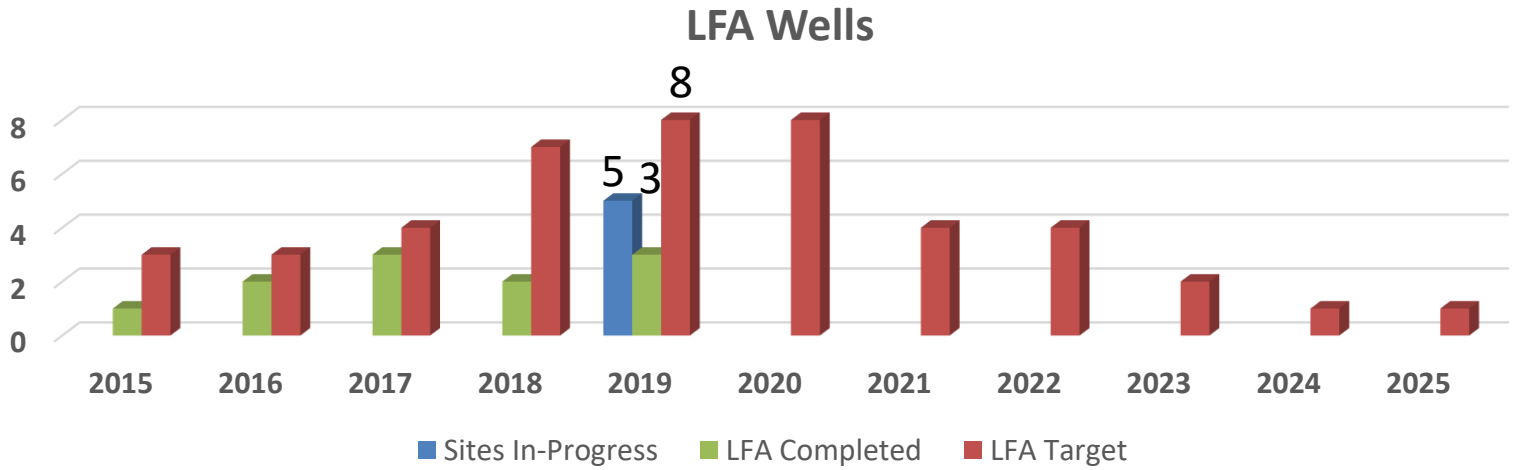




Only FY2019 in-progress wells shown. Targets not met are incorporated into future Work Plans as appropriate

UFA/LFA Well Sites Targeted/Completed





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Additional Activities

- **Develop a uniform electronic database for storing wetland site data; task is 80% complete, complete by end of 2019**

- **Meet with other WRAT sub-teams later this year to discuss remaining site locations**

Questions?

Extra Slides

DMIT Ongoing Activities

Activity	Status
Identify and acquire legal access to future monitoring locations.	Ongoing.
Address changing approach regarding wetland site location development.	DMIT coordinated with CFWI teams and sub-teams and developed new approach for wetland site location development.
Develop a uniform electronic database for storing wetland site data.	80% Complete. Will be complete by December of 2019.
Update the DMIT Well Inventory to include new sources.	Complete.

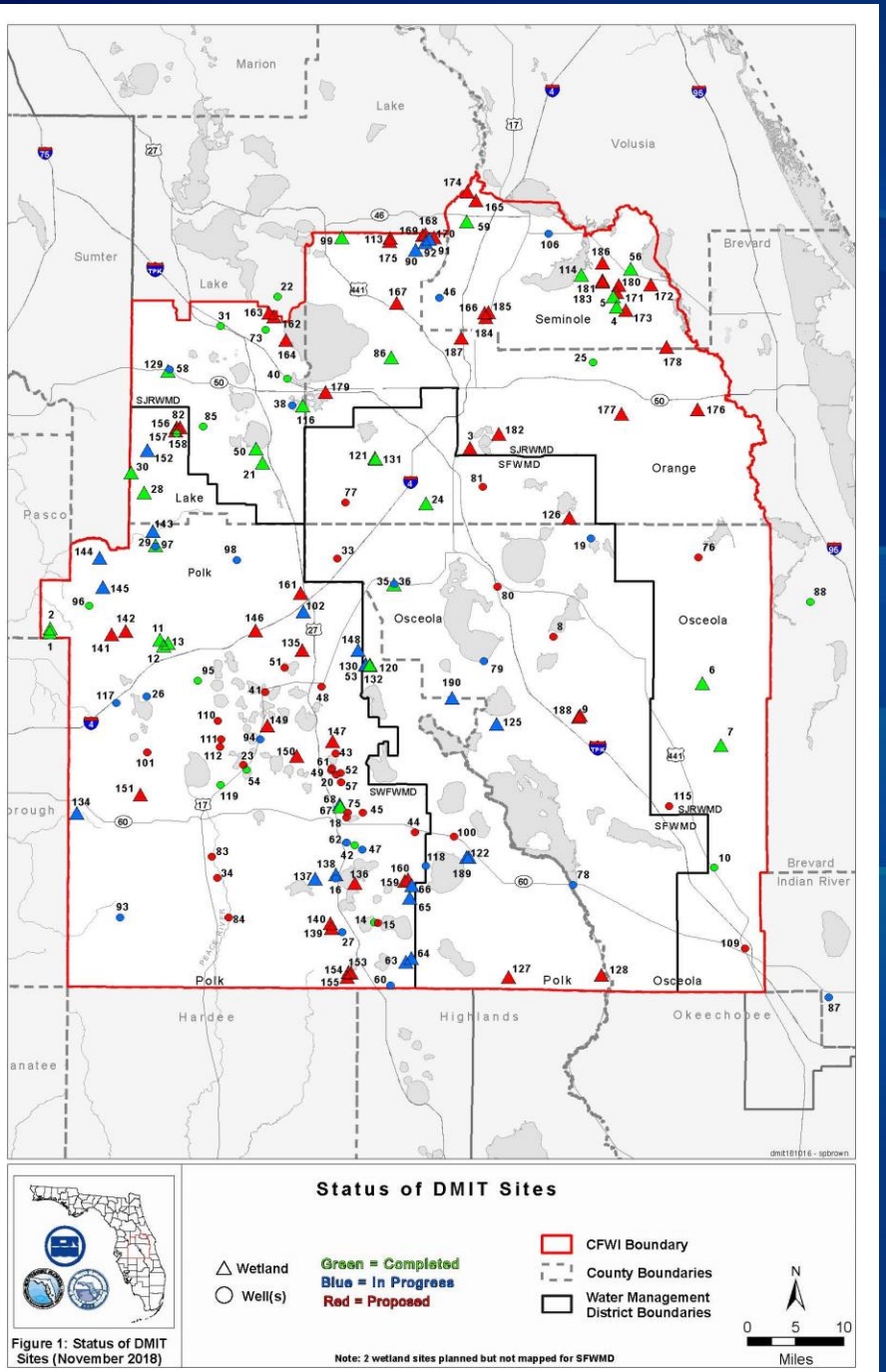

Figure 1: Status of DMIT Sites (November 2018)

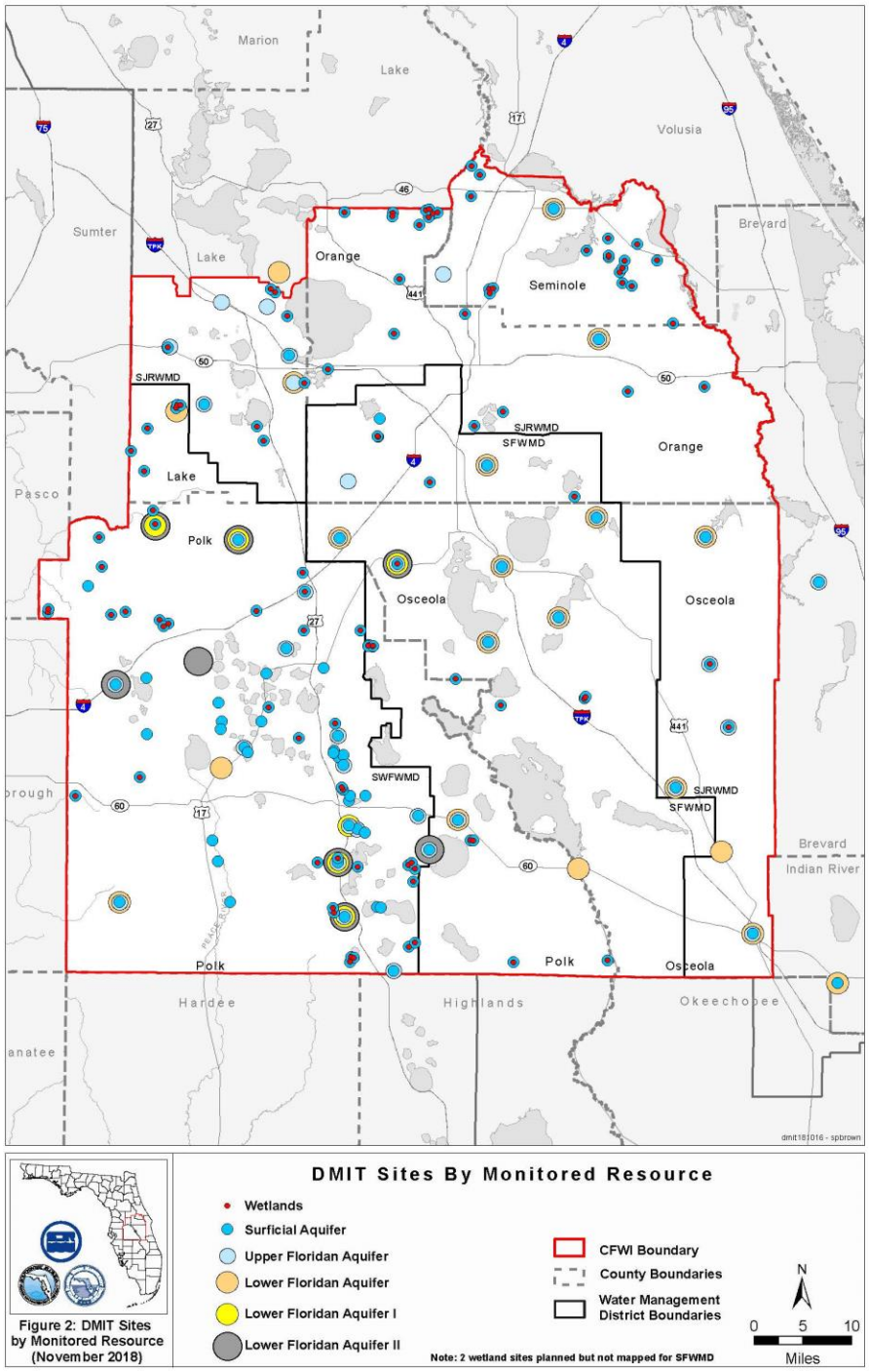

Figure 2: DMIT Sites by Monitored Resource (November 2018)