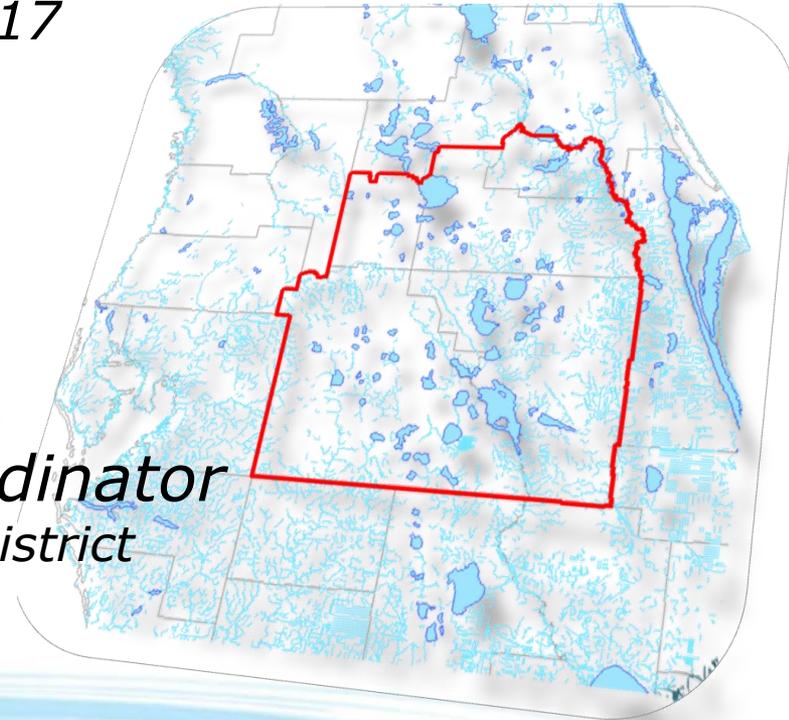


Data Monitoring and Investigations Team

*Water Resource Assessment Team Meeting
March 8, 2017*

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DMIT Purpose

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

Monitoring Contiguous Wetlands

- Monitoring of all types of wetlands is a requirement of the approved DMIT monitoring plan¹
- Goal of the DMIT wetland monitoring program is to monitor change over time (not just to collect data for model development)
- Contiguous wetlands make up a significant portion (approximately 75%) of the wetlands contained within the CFWI region
- Monitoring of all types of wetlands provides a more complete picture of factors affecting wetlands

¹ CFWI Regional Monitoring Program Summary Report (June 2014); DMIT Work Plan FY2015-2020 (February 2015); DMIT Work Plan Update for FY2016-FY2020

Monitoring Contiguous Wetlands

- Many contiguous wetlands are mostly, if not solely, groundwater driven
- Contiguous wetlands are affected by groundwater withdrawals
- Changes (e.g., tree fall, soil subsidence/loss) have occurred in contiguous wetlands within the CFWI region
- Long-term data collected from contiguous wetlands can contribute to the development of a future model that evaluates the effects of groundwater withdrawals on all wetland types

