## Dade-Broward Levee Project

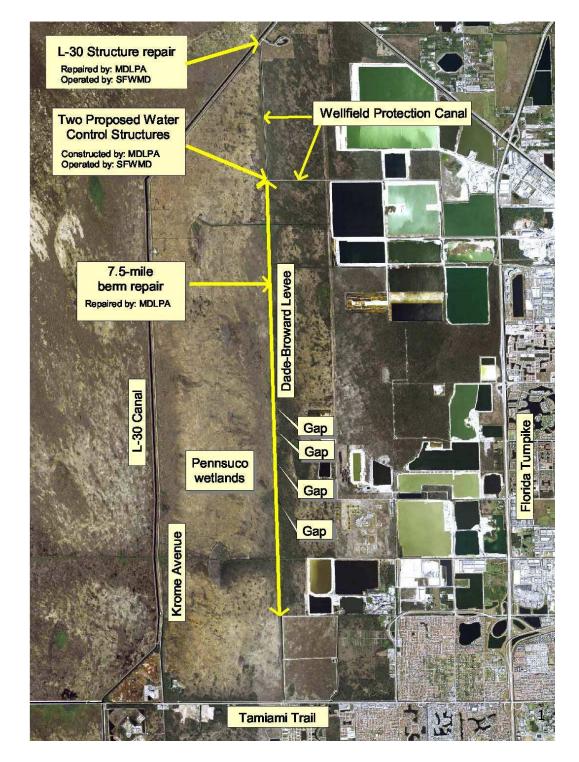
Task 1: 7.5 mile berm repair completed 2016

Task 2: two proposed water control structures <u>completed 2018</u>

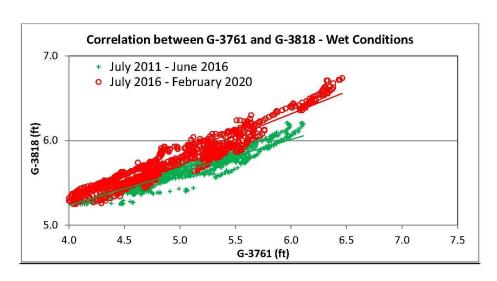
Task 3: L-30 structure repair/
remote control operation

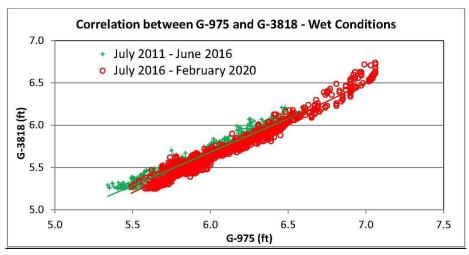
<u>design review and cost</u>

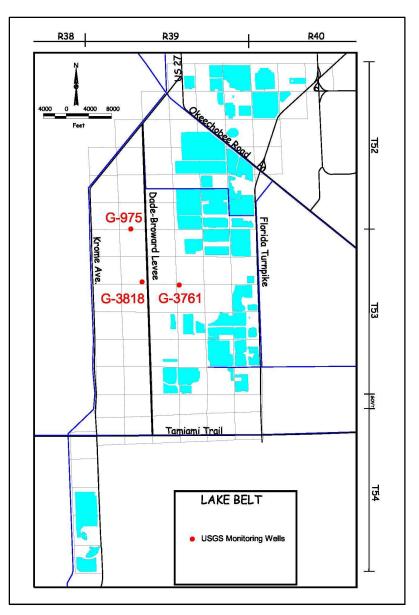
<u>estimate complete</u>



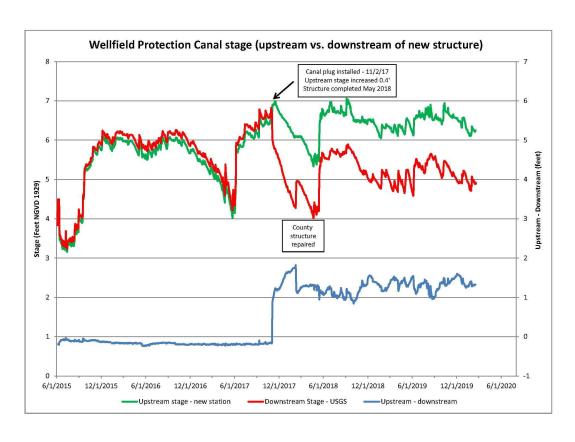
### Berm Repair (2016)

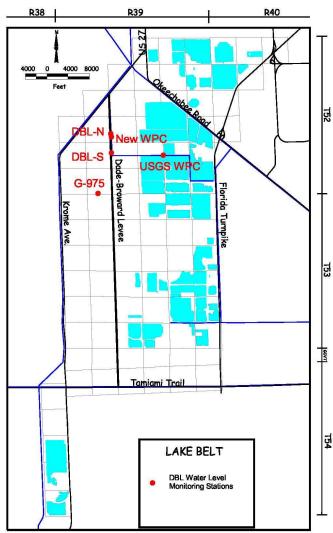


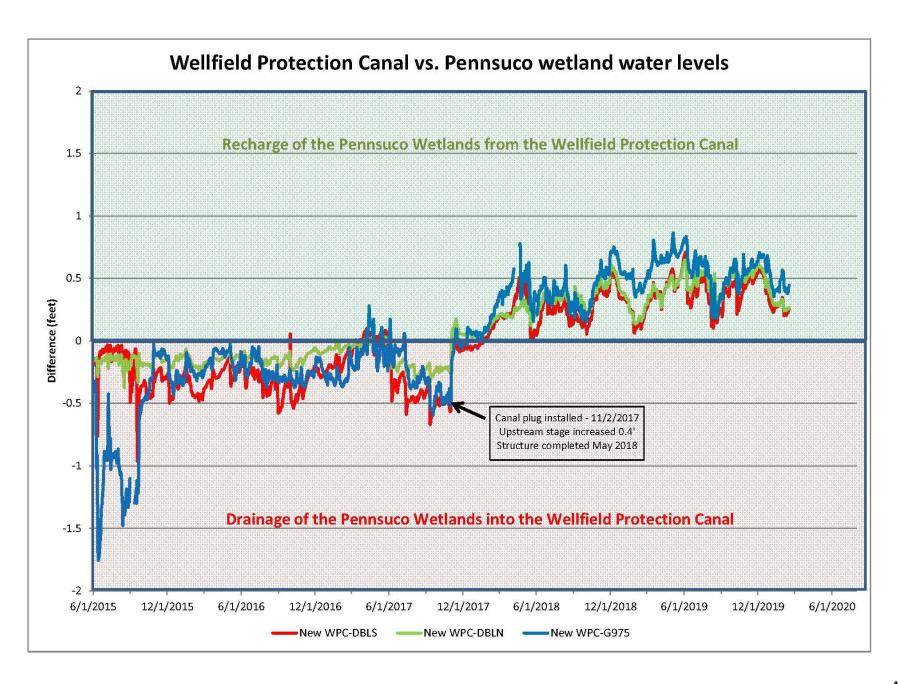




### New West WPC Structure (2018)







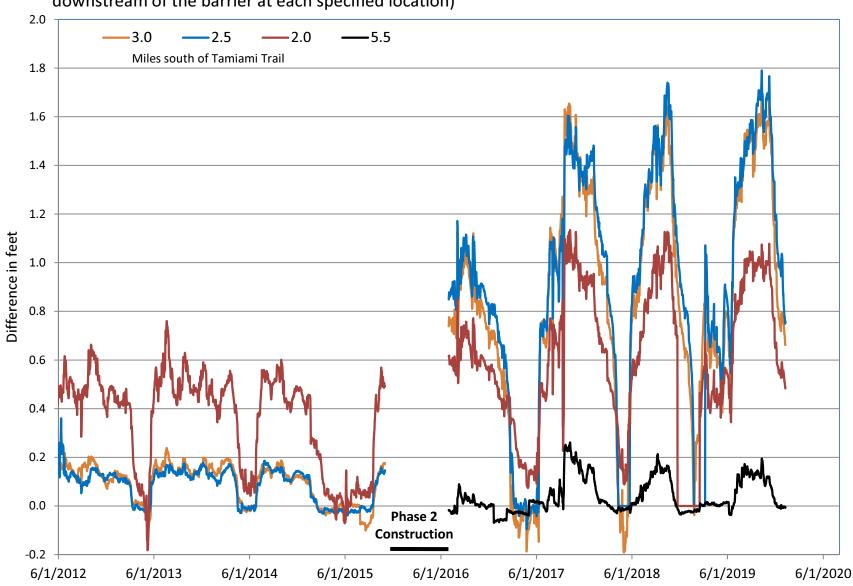
# Paired Monitoring Wells A **Flowmeters**

# L-31N Updated Monitoring Program

3 years of monitoring after completion of 2-mile barrier plus
4 years of monitoring after completion of 5-mile barrier

# Groundwater Stage Difference Across Barrier (Difference between paired water table wells upstream and downstream of the barrier at each specified location)

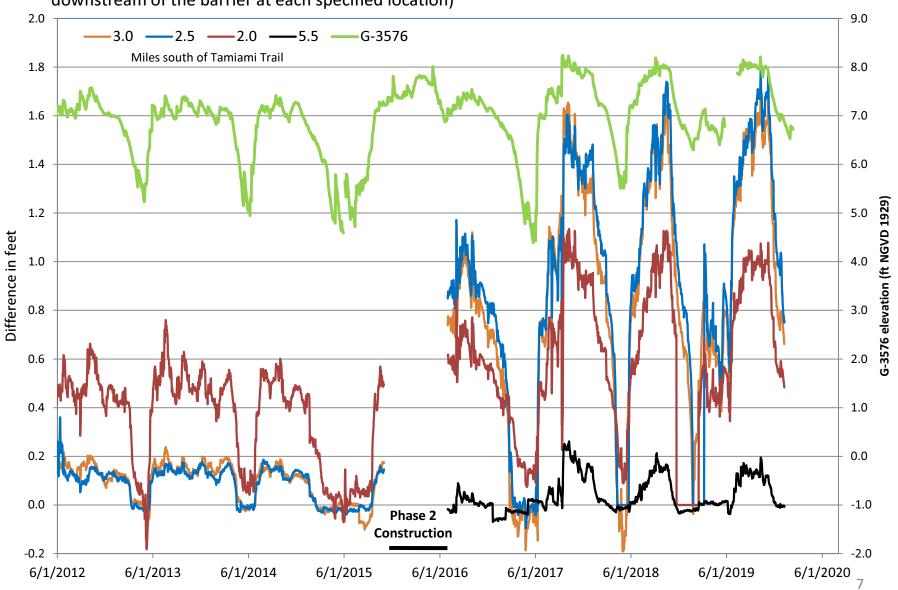
The northern 2 miles of barrier were completed in 2012. The remaining 3 miles were completed in April 2016.



# Groundwater Stage Difference Across Barrier

(Difference between paired water table wells upstream and downstream of the barrier at each specified location)

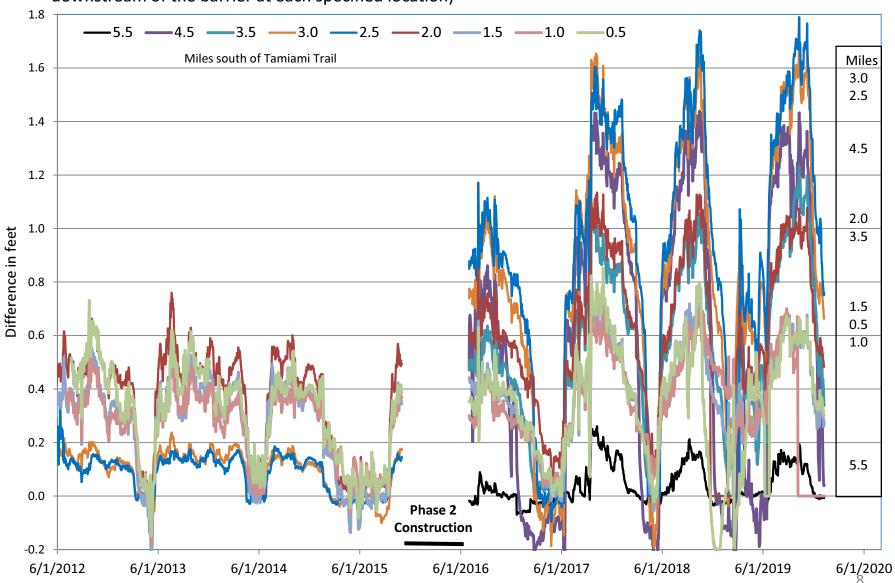
The northern 2 miles of barrier were completed in 2012. The remaining 3 miles were completed in April 2016.

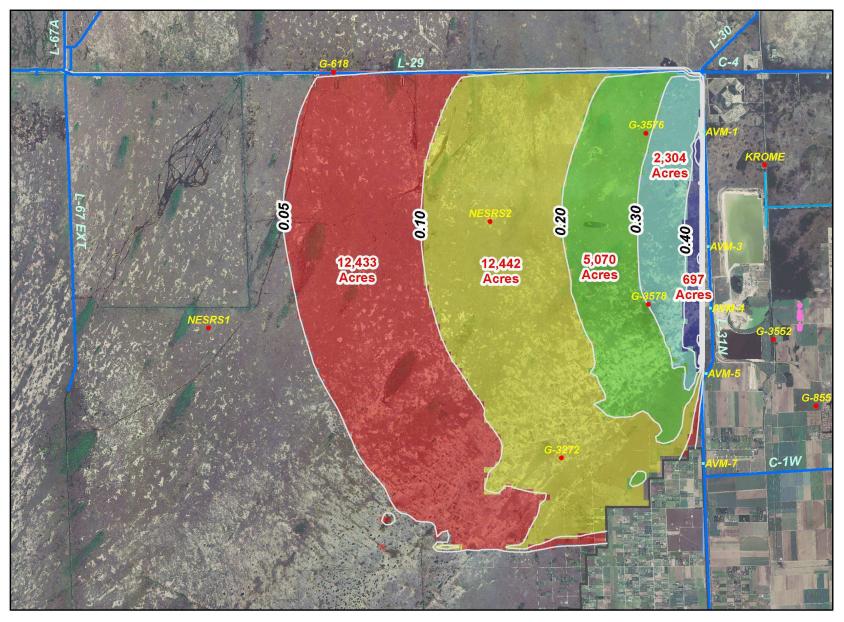


#### **Groundwater Stage Difference Across Barrier**

(Difference between paired water table wells upstream and downstream of the barrier at each specified location)

The northern 2 miles of barrier were completed in 2012. The remaining 3 miles were completed in April 2016.





Effect of a 5-Mile Barrier Wall on Groundwater Levels Inside the ENP Barrier Depth: 30 ft; Daily Average: 7/1/2008-10/31/2008 (Wet)