

## Post Oak Savannah GCD – Monitoring Network Update

Board Meeting – May 12, 2020

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### Current Objectives:

- Complete late winter/early spring measurement campaign
  - Campaign commenced February 1 and was closed (only applies to this campaign) on April 30. 212 of 246 monitoring wells were measured. Some delays are due to concerns of COVID-19. Additional wells which contain transducers will be downloaded as allowed by landowners, and yield useful information as well.
  
- Continue addition of new wells
  - The District continues to add wells in areas where more data gaps occur. 3 new wells have been added since last meeting
  - We are currently assessing drill locations for shallow Carrizo wells
  
- Continue improvement of monitoring equipment
  - Upgrading older equipment to newer, updated technologies including telemetry.
  - 11 new WellIntel units on order that will soon be deployed
  
- Increase frequency of measurements
  - Increase the number of measurement campaigns from 1 currently to 3 possibly 4 to get a snapshot of water level changes throughout the year
  - Around the Vista Ridge well field we are currently measuring some monitoring wells daily so we can see what immediate impacts may be realized from the onset of pumping for delivery to San Antonio
  
- Improved aquifer characteristics
  - Harden & Associates has shared 36-hr. pump test data from the Vista Ridge wells that is currently being reviewed by INTERA and will be useful in analyzing drawdown impacts in response to production and improving the GAM.
  - Southwest Milam WSC is working with the District and INTERA to perform a pump test on a well that they are currently reconditioning.