

BLUEBONNET GROUNDWATER CONSERVATION DISTRICT

Public Hearing on Proposed Desired Future Conditions

Wednesday, September 16, 2015

6:00 PM

Bluebonnet Groundwater Conservation District
Board Room, Suite B & C
303 East Washington Avenue
Navasota, Texas

AGENDA

1. Call to order
2. Public Comment
(Public comment is limited to a maximum of 3 minutes per speaker and/or 30 minutes total time for all speakers)
3. Hearing on the proposed desired future conditions-Discussion and possible action regarding public comment on the proposed desired future conditions (“DFCs”) for the Gulf Coast Aquifer, Carrizo-Wilcox Aquifer, and Yegua-Jackson Aquifer underlying Austin, Grimes, Walker, and/or Waller Counties, Texas, in accordance with Section 36.108(d-2) of the Texas Water Code. The acceptable levels of drawdown for each subdivision of the aquifer are measured in terms of water level drawdowns over the proposed current planning cycle measured in feet from 2009 estimated water levels or from 1890 estimated subsidence conditions. For Bluebonnet GCD, the relevant proposed DFCs include the following:

Formations of the Gulf Coast Aquifer

Austin County

- From estimated year 2009 conditions, the average draw down of the Chicot Aquifer should not exceed approximately 39 feet after 61 years.
- From estimated year 2009 conditions, the average draw down of the Evangeline Aquifer should not exceed approximately 23 feet after 61 years.
- From estimated year 2009 conditions, the average draw down of the Burkeville confining unit should not exceed approximately 23 feet after 61 years.
- From estimated year 2009 conditions, the average draw down of the Jasper Aquifer should not exceed approximately 76 feet after 61 years.
- From estimated year 1890 conditions, the maximum subsidence in Austin County should not exceed approximately 2.83 feet by the year 2070.

Grimes County

- From estimated year 2009 conditions, the average draw down of the Chicot Aquifer should not exceed approximately 5 feet after 61 years.
- From estimated year 2009 conditions, the average draw down of the Evangeline Aquifer should not exceed approximately 5 feet after 61 years.
- From estimated year 2009 conditions, the average draw down of the Burkeville confining unit should not exceed approximately 6 feet after 61 years.
- From estimated year 2009 conditions, the average draw down of the Jasper Aquifer should not exceed approximately 52 feet after 61 years.
- From estimated year 1890 conditions, the maximum subsidence in Grimes County should not exceed approximately 0.12 feet by the year 2070.

Walker County

- From estimated year 2009 conditions, the average draw down of the Evangeline Aquifer should not exceed approximately 9 feet after 61 years.
- From estimated year 2009 conditions, the average draw down of the Burkeville confining unit should not exceed approximately 4 feet after 61 years.
- From estimated year 2009 conditions, the average draw down of the Jasper Aquifer should not exceed approximately 42 feet after 61 years.
- From estimated year 1890 conditions, the maximum subsidence in Walker County should not exceed approximately 0.04 feet by the year 2070.

Waller County

- From estimated year 2009 conditions, the average draw down of the Chicot Aquifer should not exceed approximately 39 feet after 61 years.
- From estimated year 2009 conditions, the average draw down of the Evangeline Aquifer should not exceed approximately 39 feet after 61 years.
- From estimated year 2009 conditions, the average draw down of the Burkeville confining unit should not exceed approximately 40 feet after 61 years.
- From estimated year 2009 conditions, the average draw down of the Jasper Aquifer should not exceed approximately 101 feet after 61 years.
- From estimated year 1890 conditions, the maximum subsidence in Waller County should not exceed approximately 4.73 feet by the year 2070.

Carrizo Sand Aquifer

Grimes County

- From estimated 2010 conditions, the average drawdown of the Carrizo Sand Aquifer should not exceed approximately 52.8 feet average draw down across the area of occurrence of the aquifer.

Walker County

- From estimated 2010 conditions, the average drawdown of the Carrizo Sand Aquifer should not exceed approximately 45.7 feet average draw down across the area of occurrence of the aquifer.

Queen City Aquifer

Grimes County

- From estimated 2010 conditions, the average drawdown of the Queen City Aquifer should not exceed approximately 16.8 feet average draw down across the area of occurrence of the aquifer.

Walker County

- From estimated 2010 conditions, the average drawdown of the Queen City Aquifer should not exceed approximately 21.0 feet average draw down across the area of occurrence of the aquifer.

Sparta Aquifer

Grimes County

- From estimated 2010 conditions, the average drawdown of the Sparta Aquifer should not exceed approximately 14 feet average draw down across the area of occurrence of the aquifer.

Walker County

- From estimated 2010 conditions, the average drawdown of the Sparta Aquifer should not exceed approximately 19.5 feet average draw down across the area of occurrence of the aquifer.

Yegua-Jackson Aquifer

Grimes County

- From estimated 2010 conditions, the average drawdown of the unconfined portion of the Yegua should not exceed approximately 10 feet average draw down across the area of occurrence of the aquifer.
- From estimated 2010 conditions, the average drawdown of the confined portion of the Yegua should not exceed approximately 15 feet average draw down across the area of occurrence of the aquifer.
- From estimated 2010 conditions, the average drawdown of the brackish confined portion of the Yegua should not exceed approximately 20 feet average draw down across the area of occurrence of the aquifer.
- From estimated 2010 conditions, the average drawdown of the unconfined portion of the Jackson should not exceed approximately 10 feet average draw down across the area of occurrence of the aquifer.
- From estimated 2010 conditions, the average drawdown of the confined portion of the Jackson should not exceed approximately 15 feet average draw down across the area of occurrence of the aquifer.
- From estimated 2010 conditions, the average drawdown of the brackish confined portion of the Jackson should not exceed approximately 20 feet average draw down across the area of occurrence of the aquifer.

Walker County

- From estimated 2010 conditions, the average drawdown of the unconfined portion of the Yegua should not exceed approximately 10 feet average draw down across the area of occurrence of the aquifer.
- From estimated 2010 conditions, the average drawdown of the confined portion of the Yegua should not exceed approximately 15 feet average draw down across the area of occurrence of the aquifer.
- From estimated 2010 conditions, the average drawdown of the brackish confined portion of the Yegua should not exceed approximately 20 feet average draw down across the area of occurrence of the aquifer.
- From estimated 2010 conditions, the average drawdown of the unconfined portion of the Jackson should not exceed approximately 10 feet average draw down across the area of occurrence of the aquifer.
- From estimated 2010 conditions, the average drawdown of the confined portion of the Jackson should not exceed approximately 15 feet average draw down across the area of occurrence of the aquifer.
- From estimated 2010 conditions, the average drawdown of the brackish confined portion of the Jackson should not exceed approximately 20 feet average draw down across the area of occurrence of the aquifer.

Agenda items may be considered, discussed and/or acted upon in a different order than the order set forth above.

Executive Session

The Board of Directors of the Bluebonnet Groundwater Conservation District reserves the right to adjourn into Executive (Closed) Session at any time during the course of this meeting to discuss any of the items listed on this agenda, as authorized by the Texas Government Code, Sections 551.071 (Consultations with Attorney), 551.072 (Deliberations about Real Property), 551.073 (Deliberations about Gifts and Donations), 551.074 (Personnel Matters), 551.076 (Deliberations about Security Devices), and 551.086 (Economic Development). No final action will be taken in Executive Session.