

1-1 By: Shapleigh S.B. No. 1405
1-2 (In the Senate - Filed March 5, 2009; March 17, 2009, read
1-3 first time and referred to Committee on Natural Resources;
1-4 April 20, 2009, reported favorably by the following vote: Yeas 7,
1-5 Nays 2; April 20, 2009, sent to printer.)

1-6 A BILL TO BE ENTITLED
1-7 AN ACT

1-8 relating to the establishment of an advisory committee to assist
1-9 the Texas Water Development Board in incorporating the potential
1-10 effects of climate variability into the state water plan.

1-11 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

1-12 SECTION 1. CREATION, PURPOSE, AND COMPOSITION OF ADVISORY
1-13 COMMITTEE. The executive administrator of the Texas Water
1-14 Development Board shall appoint an advisory committee to assist the
1-15 board in incorporating the potential effects of climate variability
1-16 into the 2012 state water plan. The advisory committee shall
1-17 consist of experts from any field who have experience in the process
1-18 of creating a regional water plan.

1-19 SECTION 2. DUTIES OF ADVISORY COMMITTEE. The advisory
1-20 committee shall:

1-21 (1) assess past and predicted variations in climate;
1-22 (2) assess the potential effects of climate
1-23 variability on:

1-24 (A) groundwater resources;
1-25 (B) surface water resources; and
1-26 (C) water demand;

1-27 (3) review case studies of major water providers that
1-28 include quantitative sensitivity analyses for water demand and
1-29 supply under a range of climate variation scenarios;

1-30 (4) review and analyze information regarding natural
1-31 climate variability to determine whether an area of this state is
1-32 experiencing a new drought of record;

1-33 (5) assess existing global climate models to determine
1-34 whether the models may be helpful in water planning on a regional or
1-35 local level;

1-36 (6) make recommendations for improving the collection
1-37 of general information regarding:

1-38 (A) groundwater resources;
1-39 (B) surface water resources;
1-40 (C) evapotranspiration; and
1-41 (D) water use; and

1-42 (7) make recommendations for the use of innovative
1-43 water technologies that will help mitigate water supply issues, in
1-44 addition to those water supply issues that would be experienced in a
1-45 drought of record, including:

1-46 (A) desalination technology;
1-47 (B) water reuse technology; and
1-48 (C) other emerging technologies.

1-49 SECTION 3. REPORT. Not later than December 1 of each
1-50 even-numbered year, the advisory committee shall submit its
1-51 findings and recommendations to:

1-52 (1) the Texas Water Development Board;

1-53 (2) the governor; and

1-54 (3) the relevant committees of the senate and house of
1-55 representatives.

1-56 SECTION 4. ADVISORY COMMITTEE ABOLISHED; EXPIRATION OF ACT.
1-57 The advisory committee is abolished and this Act expires January 1,
1-58 2013.

1-59 SECTION 5. EFFECTIVE DATE. This Act takes effect
1-60 immediately if it receives a vote of two-thirds of all the members
1-61 elected to each house, as provided by Section 39, Article III, Texas
1-62 Constitution. If this Act does not receive the vote necessary for
1-63 immediate effect, this Act takes effect September 1, 2009.

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