LONE STAR GROUNDWATER CONSERVATION DISTRICT

Approximate water-level changes, Jasper aquifer, 2000–2005—SHEET 13 OF 15 Kasmarek, M.C., and Houston, N.A., 2005, Water-level altitudes 2005 and water-level changes in the Chicot, Evangeline, and Jasper aquifers and compaction 1973–2004 in the Chicot and Evangeline aquifers, Houston-Galveston region, Texas

EXPLANATION Line of equal water-level rise—Intervals 10 and 20 feet Line of equal water-level decline—Intervals 10 and 20 feet Line of zero water-level change Boundary of study area Updip limit of Jasper aquifer (Baker, 1986; University of Texas, Bureau of Economic Geology, 1968, 1974) HUNTSVILLE Note: The change map was made by contouring the differences between the 2000 water levels (Coplin, 2001) and the 2005 water levels measured at the same wells. Data points (wells in which water-level measurements were made) are shown on the respective water-level-altitude maps. GRIMES COUN CONROE HUMBLE FM 1960 ALDINE SHELDON RESERVOIR LIBERTY COUNTY CHAMBERS COUNTY I-610 CHANNELVIEW GALENA BAYTOWN JACINTO FORT BEND COUNTY HOUSTON WEST UNIVERSITY BELLAIRE DEER PARK SOUTH HOUSTON PASADENA LA PORTE RICHMOND State Loop 8 BRAZORIA COUNTY MISSOURI CITY US 90A WEBSTER PEARLAND ROSENBERG FRIENDSWOOD GALVESTON COUNTY LEAGUE CITY TEXAS CITY LA MARQUE ANGLETON AKE JACKSON CLUTE 20 MILES Figure 13. Map showing water-level changes in the Jasper aquifer, greater Houston area, Texas, 2000-2005. Base from U.S. Geological Survey Digital data, 1:100,000 Universal Transverse Mercator projection Zone 15