

**ERRATA SHEET  
Lower Colorado Regional Water Plan**

**June 15, 2001**

This Errata Sheet has been prepared in response to the Texas Water Development Board's (TWDB's) 11 April 2001 comment letter to Lower Colorado Regional Water Planning Group (LCRWPG) regarding the December 2000 adopted Regional Water Supply Plan for Region K (adopted Plan).

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***TWDB Comment 1.1:** The TWDB requested that the adopted Plan address the discrepancy between Region K and Region L regarding groundwater availability from the Carrizo-Wilcox aquifer in Bastrop County.*

**LCRWPG Response:** The Lower Colorado Regional Water Planning Group has revised the water supply source designation for the City of Bastrop from the Carrizo-Wilcox aquifer to the Colorado River alluvium, which has the result of increasing the volume of water available from the Carrizo-Wilcox aquifer for other water user groups by 2,646 acre-feet (see TWDB Comment 2, Response 2.b to the TWDB Comment 2 below for table changes; there are no text changes to the adopted Plan for this revision). In addition, the LCRWPG adjusted the total supply of the Carrizo-Wilcox by an increase in availability of 2,455 acre-feet due to the TWDB's identification of additional recharge to the Wilcox formation (See Chapter 3, Section 3.2.2.1.2, page 3-15, 2<sup>nd</sup> paragraph: change the water availability text reference on this page in the Lower Colorado Region from 21,950 ac-ft/yr to 24,405 ac-ft/yr; also see response 1 to the TWDB Comment 2 below for table changes). Additionally, the water availability estimates for other users of the Carrizo-Wilcox aquifer in Bastrop County have also been revised to reflect the actual allocation of water to individual WUGs based on demands and the availability of alternate sources of water. Revisions made to the adopted Plan will successfully balance the water supply and demand for the Carrizo-Wilcox aquifer through the year 2030.

However, it should be noted that the 24,405 ac-ft/yr revision is an interim assessment of the groundwater availability of the Carrizo Wilcox aquifer. Upon completion of the Groundwater Availability Model (GAM) in 2003 or other scientific data that may become available in the future, the assessment of the Carrizo-Wilcox aquifer groundwater availability can be revised at any time by the LCRWPG and/or the TWDB. The following Bastrop County Carrizo-Wilcox aquifer supply, demand, and need tables have been excerpted and adopted directly from the SCTRWPG's Errata Sheet (Region L) for inclusion in Region K's adopted Plan. These tables have been included in their entirety for reference and those numbers that must appear in both Region K's and L's plans have been highlighted and are consistent with Region K's adopted Plan.

| <b>Table 1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                   |                |                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------|-----------------|
| <b>Bastrop County Carrizo-Wilcox (Simsboro) Aquifer Allocations</b>                                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                |                 |
| <b>Drought "Below Normal Rainfall" Conditions</b>                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                   |                |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                   | <b>2040</b>    | <b>2050</b>     |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>SUPPLY (acft/yr)</b>                                           |                |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Carrizo-Wilcox Aquifer Supply per Lower Colorado RWPG (4/18/2001) | 21,950         | 21,950          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Additional Wilcox Formation Recharge per TWDB (5/8/2001)          | 2,455          | 2,455           |
| <b>TOTAL SUPPLY (acft/yr)</b>                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                   | <b>24,405</b>  | <b>24,405</b>   |
| <b>2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>DROUGHT "BELOW NORMAL RAINFALL" DEMAND (acft/yr)</b>           |                |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Region K Carrizo-Wilcox Aquifer Demand                            | 12,597         | 13,341          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Region L Simsboro Aquifer (SCTN-3c) Demand <sup>1</sup>           | 10,362         | 10,382          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Region L Carrizo-Wilcox Aquifer (CZ-10D) Demand <sup>2</sup>      | 4,002          | 12,500          |
| <b>TOTAL DROUGHT DEMAND (acft/yr)</b>                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                   | <b>26,961</b>  | <b>36,223</b>   |
| <b>3</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>SURPLUS/(DEFICIT) (acft/yr)</b>                                |                |                 |
| <b>TOTAL SURPLUS/(DEFICIT) (acft/yr)</b>                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>(2,556)</b> | <b>(11,818)</b> |
| <sup>1</sup> Water management strategy for Bexar County.                                                                                                                                                                                                                                                                                                                                                                                             |                                                                   |                |                 |
| <sup>2</sup> Water management strategy for Comal and Guadalupe counties.                                                                                                                                                                                                                                                                                                                                                                             |                                                                   |                |                 |
| <b>Table 2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                   |                |                 |
| <b>Bastrop County Carrizo-Wilcox (Simsboro) Aquifer Allocations</b>                                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                |                 |
| <b>Average "Normal Rainfall" Conditions</b>                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                   |                |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                   | <b>2040</b>    | <b>2050</b>     |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>SUPPLY (acft/yr)</b>                                           |                |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Carrizo-Wilcox Aquifer Supply per Lower Colorado RWPG (4/18/2001) | 21,950         | 21,950          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Additional Wilcox Formation Recharge per TWDB (5/8/2001)          | 2,455          | 2,455           |
| <b>TOTAL SUPPLY (acft/yr)</b>                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                   | <b>24,405</b>  | <b>24,405</b>   |
| <b>2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>AVERAGE "NORMAL RAINFALL" DEMAND (acft/yr)</b>                 |                |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Region K Carrizo-Wilcox Aquifer Demand <sup>1</sup>               | 10,833         | 11,473          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Region L Simsboro Aquifer (SCTN-3c) Demand <sup>2</sup>           | 10,362         | 10,382          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Region L Carrizo-Wilcox Aquifer (CZ-10D) Demand <sup>3</sup>      | 0              | 0               |
| <b>TOTAL AVERAGE DEMAND (acft/yr)</b>                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                   | <b>21,195</b>  | <b>21,855</b>   |
| <b>3</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>SURPLUS/(DEFICIT) (acft/yr)</b>                                |                |                 |
| <b>TOTAL SURPLUS/(DEFICIT) (acft/yr)</b>                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>3,210</b>   | <b>2,550</b>    |
| <sup>1</sup> Calculated as 86 percent of Drought "Below Normal Rainfall" Demand in Table 1 pursuant to comparison of TWDB projections of demand under "Normal" and "Below Normal" Rainfall conditions.                                                                                                                                                                                                                                               |                                                                   |                |                 |
| <sup>2</sup> Pumpage from the Simsboro aquifer to meet demands in Bexar County associated with this water management strategy is not expected to vary with climatological (average vs. drought) conditions. Adjustments to Region L demands from the Carrizo-Wilcox aquifer are associated with water management strategy CZ-10D, as explained in footnote 3 below.                                                                                  |                                                                   |                |                 |
| <sup>3</sup> Municipal water suppliers in Comal and Guadalupe counties will rely primarily upon nearby sources of supply such as the Guadalupe River, Canyon Reservoir, the Edwards aquifer, the Schertz-Seguin Water Supply Project, and other groundwater available in Gonzales County. These municipal water suppliers are expected to use more distant sources such as Bastrop County groundwater only when absolutely necessary during drought. |                                                                   |                |                 |

Using the TWDB’s estimated demand under “below normal rainfall” scenario (Table 1), the total demand on the Carrizo-Wilcox aquifer from both Regions K and L are estimated to be 26,961 and 36,223 ac-ft/yr

for 2040 and 2050, respectively. As a result, water supply deficits occur during these two decades even with the additional supply of 2,455 ac-ft/yr. However, under the “normal rainfall” scenario (Table 2), the total estimated demand on the Carrizo-Wilcox aquifer from both Regions K and L are reduced to 21,195 and 21,855 ac-ft/yr for 2040 and 2050, respectively, which eliminates the deficit projected under the drought conditions shown in Table 1. The surplus from Table 2 for 2050 under “normal rainfall” conditions is 2,550 ac-ft/yr; and the deficit from Table 1 under “below normal rainfall” conditions is 11,818 ac-ft/yr. The surplus volume of water is about one-fifth of the deficit volume, which translates to an acceptable occurrence of being able to have drought-condition withdrawals one year in six without exceeding the aquifer’s average identified supply. The groundwater withdrawal policy adopted by the LCRWPG allows a total estimated withdrawal of 36,223 ac-ft/yr in the 2050 decade for both Regions K and L combined, assuming that these withdrawals do not exceed an average annual total of 24,405 ac-ft/yr.

**TWDB Comment 1.2:** *The TWDB requested that the adopted Plan address the SB1 planning requirement regarding emergency transfers of surface water.*

**LCRWPG Response:** The LCRWPG has approved adding the following language from Section 2, Chapter 4, A.6 of the *Water Management Plan* for the Lower Colorado River Basin (WMP), updated March 1, 1999 (the LCRA’s most current WMP can be found on the Internet at <http://www.lcra.org/water/wmp>):

*The scope of the Drought Management Plan (DMP) must adhere to the findings of the State District Court’s Final Judgment and Decree, adjudicating LCRA’s water rights, as well as the Water Commission’s Order approving the Water Management Plan. Essentially the scope of the DMP is limited to the curtailment of LCRA’s interruptible water supplies to insure that there is sufficient firm, uninterruptible water available to meet projected demands for such water through a repetition of the Drought of Record. Firm, uninterruptible water is subject to curtailment only if it is determined that the drought in effect is worse than the Drought of Record.*

*In times of shortage of supply caused by drought or emergency, the LCRA, in accordance with Section 11.039 of the Texas Water Code, will first curtail and distribute the available supply of interruptible water among all of its interruptible water supply customers on a pro rata basis, so that preference is given to no one and all interruptible water supply customers suffer alike. Projections of firm demands for stored water over the next ten years are significantly less than the firm water supplies available. Thus, curtailment of firm demands is extremely remote in the next decade, even under a recurrence of extreme drought conditions.*

*If the shortage of supply caused by the drought is worse than the Drought of Record, then the LCRA, according to the TWC Order approving the WMP, must curtail and distribute the available supply of firm water among all of its firm water supply customers on a pro rata basis, so that preference is given to no one and all uninterruptible water supply customers suffer alike.*

**This additional language should be located at the end of Section 5.11.1.1 (page 5-113)** of the LCRWPG’s adopted Plan: Drought Contingency Planning - Lower Colorado River Authority.

**TWDB Comment 1.3:** *The TWDB requested that the consensus environmental criteria be included in the adopted Plan to Region L from the Colorado River off-channel reservoir project.*

**LCRWPG Response:** The environmental criteria used by the LCRWPG in addressing the off-channel reservoir projects have been included in this Errata Sheet submittal as the new Appendix 8A of the LCRWPG’s adopted Plan.

***TWDB Comment 2:** The TWDB requested consistency between the LCRWPG’s adopted Plan’s data tables.*

**LCRWPG Response:** Consistency changes to the adopted Plan tables include the following:

**2.1 Appendix 3B, TWDB Table 4**

The water availability estimates for the Carrizo-Wilcox aquifer in Bastrop County, Colorado Basin have been revised to reflect an increase in availability of 2,455 ac-ft/yr. The revised availability numbers are as follows:

| Supply Source Identifier | County  | Basin    | Year 2000 Supply (ac-ft/yr) | Year 2010 Supply (ac-ft/yr) | Year 2020 Supply (ac-ft/yr) | Year 2030 Supply (ac-ft/yr) | Year 2040 Supply (ac-ft/yr) | Year 2050 Supply (ac-ft/yr) |
|--------------------------|---------|----------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 01110                    | Bastrop | Colorado | 21,424                      | 21,424                      | 21,424                      | 21,424                      | 21,424                      | 21,424                      |

**2.2 Appendix 3B, TWDB Table 5**

(a.) The water availability estimates for Manufacturing in Travis County, Colorado Basin (WUG No. 111001227) have been revised to reflect additional availability from the City of Austin. The demand for water from the City of Austin shown in Appendix 2D, TWDB Table 3 was greater than the water availability from the City of Austin shown in Appendix 3B, TWDB Table 5. The figure shown in Appendix 2D, TWDB Table 3 is the correct figure and Appendix 3B, TWDB Table 5 is changed as follows to match:

| WUG Name      | WUG Identifier | Basin | Supply Source Identifier | Year 2000 Supply (ac-ft/yr) | Year 2010 Supply (ac-ft/yr) | Year 2020 Supply (ac-ft/yr) | Year 2030 Supply (ac-ft/yr) | Year 2040 Supply (ac-ft/yr) | Year 2050 Supply (ac-ft/yr) |
|---------------|----------------|-------|--------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Manufacturing | 1110012271     | 14    | MWP41010                 | 16,523                      | 18,598                      | 20,071                      | 21,818                      | 23,901                      | 26,762                      |

(b.) The water availability estimates for the City of Bastrop, Bastrop County, Colorado Basin, (WUG No. 110059000) have been revised to reflect the water supply as being from an “Other Aquifer (01122)” source instead of the Carrizo-Wilcox Aquifer (01110). The following change has been made to reflect the actual source of water for the City of Bastrop:

| WUG Name | WUG Identifier | Basin | Supply Source Identifier | Year 2000 Supply (ac-ft/yr) | Year 2010 Supply (ac-ft/yr) | Year 2020 Supply (ac-ft/yr) | Year 2030 Supply (ac-ft/yr) | Year 2040 Supply (ac-ft/yr) | Year 2050 Supply (ac-ft/yr) |
|----------|----------------|-------|--------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Bastrop  | 110059000      | 14    | 01122                    | 1,307                       | 1,529                       | 1,750                       | 2,005                       | 2,155                       | 2,646                       |

(c.) The water availability estimates for other users of the Carrizo-Wilcox aquifer in Bastrop County have also been revised as follows to reflect the actual allocation of water to individual WUGs based on demands and the availability of alternate sources of water:

| WUG Name      | WUG Identifier | Basin | Supply Source Identifier | Year 2000 Supply (ac-ft/yr) | Year 2010 Supply (ac-ft/yr) | Year 2020 Supply (ac-ft/yr) | Year 2030 Supply (ac-ft/yr) | Year 2040 Supply (ac-ft/yr) | Year 2050 Supply (ac-ft/yr) |
|---------------|----------------|-------|--------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| County Other  | 110996011      | 12    | 01110                    | 304                         | 363                         | 422                         | 486                         | 524                         | 536                         |
| Irrigation    | 111004011      | 12    | 01110                    | 3                           | 0                           | 0                           | 0                           | 0                           | 0                           |
| Livestock     | 111005011      | 12    | 01110                    | 0                           | 0                           | 0                           | 0                           | 0                           | 0                           |
| Manufacturing | 111001011      | 12    | 01110                    | 0                           | 0                           | 0                           | 0                           | 0                           | 0                           |
| Mining        | 111003011      | 12    | 01110                    | 0                           | 0                           | 0                           | 0                           | 0                           | 0                           |
| County Other  | 110996011      | 14    | 01110                    | 5,612                       | 6,655                       | 7,698                       | 8,829                       | 9,495                       | 9,711                       |
| Elgin         | 110278000      | 14    | 01110                    | 1,014                       | 1,113                       | 1,226                       | 1,374                       | 1,442                       | 1,736                       |
| Smithville    | 110836000      | 14    | 01110                    | 794                         | 830                         | 922                         | 1,025                       | 1,072                       | 1,283                       |
| Irrigation    | 111004011      | 14    | 01110                    | 0                           | 0                           | 0                           | 0                           | 0                           | 0                           |
| Livestock     | 111005011      | 14    | 01110                    | 0                           | 0                           | 0                           | 0                           | 0                           | 0                           |
| Manufacturing | 111001011      | 14    | 01110                    | 31                          | 38                          | 46                          | 54                          | 64                          | 75                          |
| Mining        | 111003011      | 14    | 01110                    | 0                           | 0                           | 0                           | 0                           | 0                           | 0                           |
| Irrigation    | 111004011      | 18    | 01110                    | 0                           | 0                           | 0                           | 0                           | 0                           | 0                           |
| Livestock     | 111005011      | 18    | 01110                    | 0                           | 0                           | 0                           | 0                           | 0                           | 0                           |
| Manufacturing | 111001011      | 18    | 01110                    | 0                           | 0                           | 0                           | 0                           | 0                           | 0                           |
| Mining        | 111003011      | 18    | 01110                    | 0                           | 0                           | 0                           | 0                           | 0                           | 0                           |

**2.3 Appendix 4A, TWDB Table 7**

For those WUGs with water availability changes identified in Item 2.2 above, the comparison of water supplies and demands have also been revised in Appendix 4A, TWDB Table 7 to reflect these same changes.

In addition, the water supply shortfall for the City of Austin (COA) was revised. This change was made to correct a mathematical error in the Table. The change for the COA results in a slightly larger water supply shortfall for the COA in the year 2050 than was previously reported. However, this larger shortfall does not effect the *Water Management Plan* proposed and adopted for the City of Austin, since this plan was developed to meet the shortfalls calculated for the City as a Major Water Provider (MWP) in Appendix 4A, TWDB Table 8. The shortfall identified in the MWP Table was calculated correctly and is larger than the shortfall identified for the City of Austin as a stand-alone entity (WUG).

| WUG Name      | WUG Identifier | Basin | 2000 Surplus/<br>Shortfall<br>(ac-ft/yr) | 2010 Surplus/<br>Shortfall<br>(ac-ft/yr) | 2020 Surplus/<br>Shortfall<br>(ac-ft/yr) | 2030 Surplus/<br>Shortfall<br>(ac-ft/yr) | 2040 Surplus/<br>Shortfall<br>(ac-ft/yr) | 2050 Surplus/<br>Shortfall<br>(ac-ft/yr) |
|---------------|----------------|-------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|
| County Other  | 110996011      | 12    | 0                                        | 0                                        | 0                                        | 0                                        | 0                                        | 0                                        |
| Irrigation    | 111004011      | 12    | 0                                        | 1                                        | 4                                        | 7                                        | 10                                       | 12                                       |
| Livestock     | 111005011      | 12    | 88                                       | 88                                       | 88                                       | 88                                       | 88                                       | 88                                       |
| Manufacturing | 111001011      | 12    | 0                                        | 0                                        | 0                                        | 0                                        | 0                                        | 0                                        |
| Mining        | 111003011      | 12    | 74                                       | 79                                       | 84                                       | 88                                       | 90                                       | 90                                       |
| Bastrop       | 110059000      | 14    | 0                                        | 0                                        | 0                                        | 0                                        | 0                                        | 0                                        |
| County Other  | 110996011      | 14    | 0                                        | 0                                        | 0                                        | 0                                        | 0                                        | 0                                        |
| Elgin         | 110278000      | 14    | 0                                        | 0                                        | 0                                        | 0                                        | 0                                        | 0                                        |
| Smithville    | 110836000      | 14    | 0                                        | 0                                        | 0                                        | 0                                        | 0                                        | 0                                        |
| Irrigation    | 111004011      | 14    | 1,823                                    | 1,849                                    | 1,058                                    | 1,110                                    | 1,154                                    | 1,194                                    |
| Livestock     | 111005011      | 14    | 4,909                                    | 4,909                                    | 4,909                                    | 4,909                                    | 4,909                                    | 4,909                                    |
| Manufacturing | 111001011      | 14    | 0                                        | 0                                        | 0                                        | 0                                        | 0                                        | 0                                        |
| Mining        | 111003011      | 14    | 1,587                                    | 1,586                                    | 1,584                                    | 1,581                                    | 1,576                                    | 1,569                                    |
| Irrigation    | 111004011      | 18    | 74                                       | 74                                       | 74                                       | 74                                       | 74                                       | 74                                       |
| Livestock     | 111005011      | 18    | 342                                      | 342                                      | 342                                      | 342                                      | 342                                      | 342                                      |
| Manufacturing | 111001011      | 18    | 0                                        | 0                                        | 0                                        | 0                                        | 0                                        | 0                                        |
| Mining        | 111003011      | 18    | 110                                      | 114                                      | 117                                      | 120                                      | 122                                      | 122                                      |
| Austin        | 110045000      | 14    | 114,175                                  | 90,594                                   | 56,793                                   | 22,975                                   | 1,656                                    | (23,012)                                 |
| Manufacturing | 111001227      | 14    | 384                                      | 384                                      | 384                                      | 384                                      | 384                                      | 384                                      |

**2.4 Chapter 3, Section 3.2.2.1.2, Table 3.10, page 3-15 of the LCRWPG’s adopted Plan - Water Availability in the Carrizo-Wilcox Aquifer (ac-ft/yr)**

The water availability from the Carrizo-Wilcox aquifer in Bastrop County has been increased by 2,455 ac-ft/yr for the Colorado Basin. The following changes have been made to this table to reflect this increase:

| County          | Supply Basin             | 2000 Supply<br>(ac-ft/yr) | 2010 Supply<br>(ac-ft/yr) | 2020 Supply<br>(ac-ft/yr) | 2030 Supply<br>(ac-ft/yr) | 2040 Supply<br>(ac-ft/yr) | 2050 Supply<br>(ac-ft/yr) |
|-----------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Bastrop         | Colorado                 | 21,424                    | 21,424                    | 21,424                    | 21,424                    | 21,424                    | 21,424                    |
| <b>Bastrop</b>  | <b>Bastrop Co. Total</b> | 24,405                    | 24,405                    | 24,405                    | 24,405                    | 24,405                    | 24,405                    |
| <b>Region K</b> | <b>Regional Total</b>    | 24,805                    | 24,805                    | 24,805                    | 24,805                    | 24,805                    | 24,805                    |

**2.5 Chapter 3, Section 3.2.3, Table 3.19, page 3-34 of the LCRWPG’s adopted Plan - Total Water Availability to the Lower Colorado Regional Planning Area (ac-ft/yr)**

The following changes have been made to the table in order to be consistent with the changes made to Table 3.10 above:

| Water Source           | 2000 Supply<br>(ac-ft/yr) | 2010 Supply<br>(ac-ft/yr) | 2020 Supply<br>(ac-ft/yr) | 2030 Supply<br>(ac-ft/yr) | 2040 Supply<br>(ac-ft/yr) | 2050 Supply<br>(ac-ft/yr) |
|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Carrizo-Wilcox         | 24,805                    | 24,805                    | 24,805                    | 24,805                    | 24,805                    | 24,805                    |
| <b>Regional Totals</b> | 1,144,971                 | 1,136,652                 | 1,138,310                 | 1,139,420                 | 1,141,466                 | 1,142,903                 |

**2.6 Chapter 3, Section 3.3.2, Table 3.24, page 3-39** of the LCRWPG’s adopted Plan - Summary of Surface Water Available to WUGs by County (ac-ft/yr)

The following changes have been made to the table in order to be consistent with the changes made under Item 2.2.a above (Appendix 3B, TWDB Table 5):

| County                 | 2000 Supply (ac-ft/yr) | 2010 Supply (ac-ft/yr) | 2020 Supply (ac-ft/yr) | 2030 Supply (ac-ft/yr) | 2040 Supply (ac-ft/yr) | 2050 Supply (ac-ft/yr) |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Travis                 | 389,146                | 390,408                | 377,213                | 342,283                | 344,815                | 348,661                |
| <b>Regional Totals</b> | 660,381                | 632,041                | 615,242                | 579,244                | 573,508                | 579,288                |

**2.7 Chapter 3, Section 3.3.3, Table 3.25, page 3-40** of the LCRWPG’s adopted Plan - Summary of Groundwater Available to WUGs by County (ac-ft/yr)

The following changes have been made to the table in order to be consistent with the changes made under Items 2.2.b and 2.2.c above (Appendix 3B, TWDB Table 5):

| County                 | 2000 Supply (ac-ft/yr) | 2010 Supply (ac-ft/yr) | 2020 Supply (ac-ft/yr) | 2030 Supply (ac-ft/yr) | 2040 Supply (ac-ft/yr) | 2050 Supply (ac-ft/yr) |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Bastrop                | 18,005                 | 19,468                 | 21,004                 | 22,713                 | 23,692                 | 24,927                 |
| <b>Regional Totals</b> | 317,119                | 318,430                | 319,939                | 321,314                | 322,290                | 322,635                |

**2.8 Chapter 3, Section 3.3.4, Table 3.26, page 3-41** of the LCRWPG’s adopted Plan - Summary of Water Available to WUGs by County (ac-ft/yr)

The following changes have been made to the table in order to be consistent with the changes made under Items 2.6 and 2.7 above (Appendix 3B, TWDB Table 5):

| County                 | 2000 Supply (ac-ft/yr) | 2010 Supply (ac-ft/yr) | 2020 Supply (ac-ft/yr) | 2030 Supply (ac-ft/yr) | 2040 Supply (ac-ft/yr) | 2050 Supply (ac-ft/yr) |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Bastrop                | 32,266                 | 33,685                 | 34,369                 | 36,078                 | 37,057                 | 38,294                 |
| Travis                 | 405,739                | 407,001                | 393,806                | 358,876                | 361,408                | 365,100                |
| <b>Regional Totals</b> | 977,499                | 950,470                | 935,180                | 900,557                | 895,786                | 901,920                |

**2.9 Chapter 4, Section 4.1.12, Table 4.10, page 4-7** of the LCRWPG’s adopted Plan – Travis County Water Supply Needs

The water supply needs for the City of Austin and the total needs for Travis County are revised as follows. This change has been made to correct a mathematical error in the table. The change results in a slightly larger water shortfall for the City of Austin in the year 2050 than was previously reported. However, this larger shortfall does not effect the *Water Management Plan* proposed and adopted for the City of Austin, since this plan was developed to meet the shortfalls calculated for the City as a Major Water Provider (MWP) in Appendix 4A, TWDB Table 8. The shortfall identified in the MWP Table was calculated correctly and is larger than the shortfall identified for the City of Austin as a stand-alone entity (WUG).

| Water User Group Name | 2000 Needs (ac-ft/yr) | 2010 Needs (ac-ft/yr) | 2020 Needs (ac-ft/yr) | 2030 Needs (ac-ft/yr) | 2040 Needs (ac-ft/yr) | 2050 Needs (ac-ft/yr) |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Austin (Travis)       | 0                     | 0                     | 0                     | 0                     | 0                     | (23,012)              |

|                               |       |         |         |          |          |          |
|-------------------------------|-------|---------|---------|----------|----------|----------|
| <b>Travis Co. Total Needs</b> | (351) | (1,073) | (3,830) | (20,166) | (22,595) | (48,279) |
|-------------------------------|-------|---------|---------|----------|----------|----------|

**2.10 Chapter 4, Section 4.1.15, Table 4.13, page 4-9 of the LCRWPG’s adopted Plan – Water Supply Summary**

The water supply summary for Bastrop and Travis counties and for Region K have been revised as follows in order to reflect the changes described in Item 2 above (Appendix 3B, TWDB Table 5):

| County                 | 2000 Needs (ac-ft/yr) | 2010 Needs (ac-ft/yr) | 2020 Needs (ac-ft/yr) | 2030 Needs (ac-ft/yr) | 2040 Needs (ac-ft/yr) | 2050 Needs (ac-ft/yr) |
|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Bastrop                | 27,485                | 22,586                | 21,105                | 19,433                | 18,491                | 17,275                |
| Travis                 | 190,873               | 167,660               | 117,191               | 44,598                | 23,888                | (2,040)               |
| <b>Regional Totals</b> | <b>14,007</b>         | <b>(36,894)</b>       | <b>(81,675)</b>       | <b>(158,585)</b>      | <b>(175,950)</b>      | <b>(195,794)</b>      |

**2.11 Chapter 4, Section 4.2.3, Table 4.16, page 4-11 of the LCRWPG’s adopted Plan – Colorado River Basin Water Supply Needs**

The water supply needs for the City of Austin and the total needs for the Colorado Basin have been revised as follows in order to reflect the changes described in Item 2 above (Appendix 3B, TWDB Table 5):

| Water User Group Name       | 2000 Needs (ac-ft/yr) | 2010 Needs (ac-ft/yr) | 2020 Needs (ac-ft/yr) | 2030 Needs (ac-ft/yr) | 2040 Needs (ac-ft/yr) | 2050 Needs (ac-ft/yr) |
|-----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Austin (Travis)             | 0                     | 0                     | 0                     | 0                     | 0                     | (23,012)              |
| <b>Colorado Basin Needs</b> | <b>(40,270)</b>       | <b>(58,976)</b>       | <b>(60,630)</b>       | <b>(75,704)</b>       | <b>(81,181)</b>       | <b>(104,809)</b>      |

**2.12 Chapter 5, Section 5.4.2, Alternative R1 – LCRA Water Management Plan, page 5-20:** 3 sentences have been added to the end of this paragraph to clarify that any future amendments to the LCRA’s WMP will also pertain to the LCRWPG’s adopted Plan, wherever references to the WMP occur:

The LCRA’s Water Management Plan was first issued 20 September 1989 and the latest amendment was added 1 March 1999. Since the initial publication, it has been and will continue to be under a constant state of revision as new data, criteria, etc. emerge. Any future updates to the WMP will always replace any previous versions and therefore will apply equally to the LCRWPG’s adopted Plan, where appropriate.

**2.13** Due to the changes made above (responses to TWDB comment 2, items 1,2,4,5,7-10) in water supplies and demands for Bastrop County, the language in Section 5.12, page 5-120, paragraph 4 of the adopted Plan has been revised as follows:

- **Region L Demands** - Region L has indicated that up to 22,882 ac-ft/yr of groundwater is currently being sought from the Carrizo-Wilcox aquifer in Bastrop County to meet a portion of their needs during the 50-year planning period. This water includes the



SAWS-ALCOA project, which will withdraw 10,353 ac-ft of groundwater per year from the Simsboro formation and an additional 12,500 ac-ft/yr from the Carrizo-Wilcox aquifer in southern Bastrop County. Based on the water availability adopted by the LCRWPG for Bastrop County, there is sufficient water available to meet the annual pumping demands associated with the SAWS-ALCOA project through the year 2030.

Using the TWDB's estimated demand under "below normal rainfall" scenario (see Table 1 page 2 of this errata sheet), the total demand on the Carrizo-Wilcox aquifer from both Regions K and L are estimated to be 26,961 and 36,223 ac-ft/yr for 2040 and 2050, respectively. As a result, water supply deficits occur during these two decades even with the additional supply of 2,455 ac-ft/yr. However, under the "normal rainfall" scenario (see Table 2 page 2 of this errata sheet), the total estimated demand on the Carrizo-Wilcox aquifer from both Regions K and L are reduced to 21,195 and 21,855 ac-ft/yr for 2040 and 2050, respectively, which eliminates the deficit projected under the drought conditions shown in Table 1. The surplus from Table 2 for 2050 under "normal rainfall" conditions is 2,550 ac-ft/yr; and the deficit from Table 1 under "below normal rainfall" conditions is 11,818 ac-ft/yr. The surplus volume of water is about one-fifth of the deficit volume, which translates to an acceptable occurrence of being able to have drought-condition withdrawals one year in six without exceeding the aquifer's average identified supply. The groundwater withdrawal policy adopted by the LCRWPG allows a total estimated withdrawal of 36,223 ac-ft/yr in the 2050 decade for both Regions K and L combined, assuming that these withdrawals do not exceed an average annual total of 24,405 ac-ft/yr.

**Comment 3: Chapter 5, Section 5.4.7, Page 5-25:**

The reference to Highway 305 in the description of Alternative BL5 (*Purchase Treated Water from Canyon Lake Water Supply Corporation for the City of Blanco*) should be Highway 306. (Note this occurs in two places on this page.)

**Comment 4: Chapter 5, Section 5.4.7, Page 5-25:**

The reference to a unit cost of \$1,562 per ac-ft for Alternative BL5 (*Purchase Treated Water from Canyon Lake Water Supply Corporation for the City of Blanco*) should be \$1,317 per ac-ft. (Note this occurs in two places on this page.)

**Comment 5: Appendix 2D, TWDB Table 1 (WUG population projections):**

This table was included on the final report CD that was previously submitted to the TWDB. However, this table was omitted during the printing process of the December 2000 adopted Plan and therefore has been included in this errata sheet.

**Comment 6: Appendix 5A, Summary Table 5.5 and TWDB Table 9 (Social and Economic Impacts of Not Meeting Needs by Region):**

This data was included on the final report CD that was previously submitted to the TWDB. However, the data from these tables were omitted during the printing process of the December 2000 adopted Plan and therefore have been included in this errata sheet.

***APPENDIX 8A***

***ENVIRONMENTAL CRITERIA USED BY THE LCRWPG IN ADDRESSING  
THE REGION K OFF-CHANNEL RESERVOIR PROJECTS***

**TWDB TABLE 1: Region K Population by City and Rural County**

| WUGNAME           | COUNTYNAME | BASINNAME       | WUGNUM    | RWPG | SEQ# | CITY# | COUNTY# | BASIN# | pop1996 | pop2000 | pop2010 | pop2020 | pop2030 | pop2040 | pop2050 |
|-------------------|------------|-----------------|-----------|------|------|-------|---------|--------|---------|---------|---------|---------|---------|---------|---------|
| BASTROP           | BASTROP    | COLORADO        | 110059000 | K    | 59   | 40    | 11      | 14     | 5532    | 6308    | 7843    | 9470    | 11049   | 12022   | 14762   |
| ELGIN             | BASTROP    | COLORADO        | 110278000 | K    | 278  | 188   | 11      | 14     | 5586    | 6287    | 7358    | 8619    | 9889    | 10637   | 12913   |
| GARFIELD CDP      | BASTROP    | COLORADO        | 110333000 | K    | 333  | 774   | 11      | 14     | 139     | 150     | 187     | 227     | 265     | 288     | 354     |
| SMITHVILLE        | BASTROP    | COLORADO        | 110836000 | K    | 836  | 564   | 11      | 14     | 3944    | 4296    | 4748    | 5597    | 6354    | 6787    | 8180    |
| COUNTY-OTHER      | BASTROP    | BRAZOS          | 110996011 | K    | 996  | 757   | 11      | 12     | 1672    | 1833    | 2320    | 2815    | 3298    | 3598    | 3707    |
| COUNTY-OTHER      | BASTROP    | COLORADO        | 110996011 | K    | 996  | 757   | 11      | 14     | 29528   | 32383   | 40977   | 49734   | 58258   | 63565   | 65489   |
| COUNTY-OTHER      | BASTROP    | GUADALUPE       | 110996011 | K    | 996  | 757   | 11      | 18     | 337     | 370     | 468     | 568     | 666     | 727     | 748     |
| BLANCO            | BLANCO     | GUADALUPE       | 110089000 | K    | 89   | 60    | 16      | 18     | 1560    | 1709    | 1735    | 1735    | 1735    | 1735    | 1735    |
| JOHNSON CITY      | BLANCO     | COLORADO        | 110450000 | K    | 450  | 307   | 16      | 14     | 1180    | 1408    | 1669    | 1954    | 2165    | 2270    | 2381    |
| COUNTY-OTHER      | BLANCO     | COLORADO        | 110996016 | K    | 996  | 757   | 16      | 14     | 2476    | 2756    | 3472    | 4269    | 4865    | 5197    | 5197    |
| COUNTY-OTHER      | BLANCO     | GUADALUPE       | 110996016 | K    | 996  | 757   | 16      | 18     | 2136    | 2380    | 2998    | 3686    | 4199    | 4486    | 4486    |
| BERTRAM           | BURNET     | BRAZOS          | 110079000 | K    | 79   | 826   | 27      | 12     | 1051    | 1209    | 1232    | 1231    | 1229    | 1272    | 1325    |
| BURNET            | BURNET     | COLORADO        | 110132000 | K    | 132  | 88    | 27      | 14     | 4290    | 4819    | 6091    | 7015    | 7812    | 8048    | 8292    |
| COTTONWOOD SHORES | BURNET     | COLORADO        | 110208000 | K    | 208  | 850   | 27      | 14     | 750     | 880     | 1060    | 1144    | 1213    | 1261    | 1285    |
| GRANITE SHOALS    | BURNET     | COLORADO        | 110358000 | K    | 358  | 775   | 27      | 14     | 2167    | 2502    | 3426    | 4356    | 5089    | 5396    | 5721    |
| MARBLE FALLS      | BURNET     | COLORADO        | 110561000 | K    | 561  | 385   | 27      | 14     | 5228    | 5975    | 7435    | 8995    | 10268   | 10739   | 11231   |
| MEADOWLAKES       | BURNET     | COLORADO        | 110582000 | K    | 582  | 913   | 27      | 14     | 799     | 1010    | 1045    | 1058    | 1072    | 1130    | 1202    |
| COUNTY-OTHER      | BURNET     | BRAZOS          | 110996027 | K    | 996  | 757   | 27      | 12     | 4072    | 4747    | 5732    | 7012    | 8078    | 8402    | 8731    |
| COUNTY-OTHER      | BURNET     | COLORADO        | 110996027 | K    | 996  | 757   | 27      | 14     | 11069   | 12732   | 14973   | 17971   | 20467   | 21263   | 22104   |
| COLUMBUS          | COLORADO   | COLORADO        | 110190000 | K    | 190  | 127   | 45      | 14     | 3737    | 4112    | 4529    | 5003    | 5402    | 5730    | 6078    |
| EAGLE LAKE        | COLORADO   | BRAZOS-COLORADO | 110257000 | K    | 257  | 172   | 45      | 13     | 1913    | 2136    | 2293    | 2622    | 2623    | 2747    | 2877    |
| EAGLE LAKE        | COLORADO   | COLORADO        | 110257000 | K    | 257  | 172   | 45      | 14     | 1910    | 2131    | 2288    | 2617    | 2617    | 2741    | 2871    |
| WEIMAR            | COLORADO   | COLORADO        | 110946000 | K    | 946  | 636   | 45      | 14     | 1004    | 1028    | 1080    | 1140    | 1191    | 1233    | 1264    |
| WEIMAR            | COLORADO   | LAVACA          | 110946000 | K    | 946  | 636   | 45      | 16     | 1231    | 1257    | 1321    | 1394    | 1456    | 1506    | 1545    |
| COUNTY-OTHER      | COLORADO   | BRAZOS-COLORADO | 110996045 | K    | 996  | 757   | 45      | 13     | 1032    | 1033    | 1053    | 1075    | 1094    | 1109    | 1102    |
| COUNTY-OTHER      | COLORADO   | COLORADO        | 110996045 | K    | 996  | 757   | 45      | 14     | 6606    | 6620    | 6746    | 6888    | 7009    | 7111    | 7066    |
| COUNTY-OTHER      | COLORADO   | LAVACA          | 110996045 | K    | 996  | 757   | 45      | 16     | 2141    | 2145    | 2186    | 2233    | 2272    | 2304    | 2291    |
| FLATONIA          | FAYETTE    | GUADALUPE       | 110298000 | K    | 298  | 202   | 75      | 18     | 1402    | 1475    | 1628    | 1787    | 1985    | 2199    | 2436    |
| LA GRANGE         | FAYETTE    | COLORADO        | 110485000 | K    | 485  | 334   | 75      | 14     | 4254    | 4606    | 5278    | 6158    | 6970    | 7799    | 8727    |
| SCHULENBURG       | FAYETTE    | LAVACA          | 110809000 | K    | 809  | 544   | 75      | 16     | 2991    | 2955    | 3240    | 3445    | 3805    | 4201    | 4638    |
| COUNTY-OTHER      | FAYETTE    | BRAZOS          | 110996075 | K    | 996  | 757   | 75      | 12     | 16      | 17      | 19      | 21      | 24      | 27      | 30      |
| COUNTY-OTHER      | FAYETTE    | COLORADO        | 110996075 | K    | 996  | 757   | 75      | 14     | 10022   | 10648   | 11815   | 13560   | 15204   | 16936   | 19260   |
| COUNTY-OTHER      | FAYETTE    | LAVACA          | 110996075 | K    | 996  | 757   | 75      | 16     | 2523    | 2680    | 2973    | 3413    | 3826    | 4262    | 4847    |
| COUNTY-OTHER      | FAYETTE    | GUADALUPE       | 110996075 | K    | 996  | 757   | 75      | 18     | 549     | 583     | 647     | 743     | 833     | 928     | 1056    |
| FREDERICKSBURG    | GILLESPIE  | COLORADO        | 110314000 | K    | 314  | 216   | 86      | 14     | 8471    | 8954    | 9667    | 10739   | 11362   | 13070   | 14735   |
| COUNTY-OTHER      | GILLESPIE  | COLORADO        | 110996086 | K    | 996  | 757   | 86      | 14     | 11154   | 12671   | 14058   | 15798   | 16959   | 19639   | 21128   |
| COUNTY-OTHER      | GILLESPIE  | GUADALUPE       | 110996086 | K    | 996  | 757   | 86      | 18     | 75      | 85      | 95      | 107     | 114     | 132     | 143     |
| BUDA              | HAYS       | COLORADO        | 110125000 | K    | 125  | 761   | 105     | 14     | 2024    | 3435    | 7060    | 8606    | 10491   | 12788   | 15589   |
| DRIPPING SPRINGS  | HAYS       | COLORADO        | 110252000 | K    | 252  | 769   | 105     | 14     | 1155    | 1330    | 1648    | 1989    | 2400    | 2883    | 3463    |
| COUNTY-OTHER      | HAYS       | COLORADO        | 110996105 | K    | 996  | 757   | 105     | 14     | 14483   | 17346   | 24740   | 31834   | 40247   | 49435   | 54526   |
| KINGSLAND (CDP)   | LLANO      | COLORADO        | 110471000 | K    | 471  | 889   | 150     | 14     | 3035    | 3193    | 3249    | 3242    | 3282    | 3455    | 3640    |
| LLANO             | LLANO      | COLORADO        | 110532000 | K    | 532  | 363   | 150     | 14     | 3242    | 3404    | 3466    | 3527    | 3409    | 3520    | 3635    |
| COUNTY-OTHER      | LLANO      | COLORADO        | 110996150 | K    | 996  | 757   | 150     | 14     | 6575    | 7088    | 7492    | 8705    | 9079    | 9393    | 10590   |
| BAY CITY          | MATAGORDA  | BRAZOS-COLORADO | 110061000 | K    | 61   | 41    | 161     | 13     | 18700   | 20013   | 22261   | 24721   | 27488   | 30513   | 33871   |
| MARKHAM (CDP)     | MATAGORDA  | COLORADO        | 110564000 | K    | 564  | 909   | 161     | 14     | 1372    | 1464    | 1551    | 1612    | 1675    | 1729    | 1797    |
| PALACIOS          | MATAGORDA  | COLORADO-LAVACA | 110668000 | K    | 668  | 449   | 161     | 15     | 4491    | 4838    | 5402    | 6016    | 6703    | 7455    | 8362    |

**TWDB TABLE 1: Region K Population by City and Rural County**

| WUGNAME                | COUNTYNAME | BASINNAME       | WUGNUM    | RWPG | SEQ# | CITY# | COUNTY# | BASIN# | pop1996 | pop2000 | pop2010 | pop2020 | pop2030 | pop2040 | pop2050 |
|------------------------|------------|-----------------|-----------|------|------|-------|---------|--------|---------|---------|---------|---------|---------|---------|---------|
| VAN VLECK              | MATAGORDA  | BRAZOS-COLORADO | 110927000 | K    | 927  | 621   | 161     | 13     | 1764    | 1888    | 2108    | 2348    | 2616    | 2909    | 3264    |
| COUNTY-OTHER           | MATAGORDA  | BRAZOS-COLORADO | 110996161 | K    | 996  | 757   | 161     | 13     | 5967    | 6565    | 7371    | 8239    | 9206    | 10267   | 11677   |
| COUNTY-OTHER           | MATAGORDA  | COLORADO        | 110996161 | K    | 996  | 757   | 161     | 14     | 757     | 732     | 914     | 1142    | 1401    | 1702    | 2104    |
| COUNTY-OTHER           | MATAGORDA  | COLORADO-LAVACA | 110996161 | K    | 996  | 757   | 161     | 15     | 5132    | 5646    | 6340    | 7087    | 7919    | 8830    | 10044   |
| GOLDTHWAITE            | MILLS      | COLORADO        | 110346000 | K    | 346  | 239   | 167     | 14     | 1829    | 1932    | 1975    | 2025    | 2067    | 2088    | 2108    |
| COUNTY-OTHER           | MILLS      | BRAZOS          | 110996167 | K    | 996  | 757   | 167     | 12     | 1320    | 1535    | 1572    | 1631    | 1665    | 1679    | 1693    |
| COUNTY-OTHER           | MILLS      | COLORADO        | 110996167 | K    | 996  | 757   | 167     | 14     | 1815    | 2108    | 2161    | 2242    | 2289    | 2307    | 2328    |
| SAN SABA               | SAN SABA   | COLORADO        | 110799000 | K    | 799  | 538   | 206     | 14     | 3011    | 2987    | 2987    | 2987    | 2987    | 2987    | 2987    |
| COUNTY-OTHER           | SAN SABA   | COLORADO        | 110996206 | K    | 996  | 757   | 206     | 14     | 2554    | 2815    | 2815    | 2815    | 2815    | 2815    | 2815    |
| ANDERSON MILL (CDP)    | TRAVIS     | COLORADO        | 110025000 | K    | 25   | 812   | 227     | 14     | 180     | 247     | 251     | 260     | 267     | 268     | 281     |
| AUSTIN                 | TRAVIS     | COLORADO        | 110045000 | K    | 45   | 30    | 227     | 14     | 55598   | 640240  | 771680  | 952277  | 1122624 | 1233443 | 1355201 |
| GARFIELD CDP           | TRAVIS     | COLORADO        | 110333000 | K    | 333  | 774   | 227     | 14     | 1339    | 1769    | 2295    | 2984    | 3655    | 4091    | 4579    |
| JONESTOWN              | TRAVIS     | COLORADO        | 110452000 | K    | 452  | 783   | 227     | 14     | 1319    | 1853    | 2396    | 3108    | 3800    | 4251    | 4756    |
| LAGO VISTA             | TRAVIS     | COLORADO        | 110496000 | K    | 496  | 787   | 227     | 14     | 2417    | 5586    | 6935    | 8749    | 10484   | 11611   | 12858   |
| LAKEWAY                | TRAVIS     | COLORADO        | 110506000 | K    | 506  | 789   | 227     | 14     | 5382    | 8534    | 10971   | 14183   | 17293   | 19317   | 21578   |
| MANOR                  | TRAVIS     | COLORADO        | 110558000 | K    | 558  | 720   | 227     | 14     | 1217    | 1424    | 1862    | 2208    | 2523    | 2728    | 2950    |
| PFLUGERVILLE           | TRAVIS     | COLORADO        | 110692000 | K    | 692  | 796   | 227     | 14     | 8233    | 12968   | 16569   | 21327   | 25927   | 28922   | 32263   |
| ROLLINGWOOD            | TRAVIS     | COLORADO        | 110768000 | K    | 768  | 741   | 227     | 14     | 1445    | 1860    | 2201    | 2678    | 3123    | 3412    | 3728    |
| ROUND ROCK             | TRAVIS     | BRAZOS          | 110776000 | K    | 776  | 520   | 227     | 12     | 63      | 102     | 154     | 221     | 286     | 330     | 381     |
| WELLS BRANCH (CDP)     | TRAVIS     | COLORADO        | 110949000 | K    | 949  | 987   | 227     | 14     | 7894    | 8075    | 8264    | 8293    | 8616    | 9057    | 9497    |
| WEST LAKE HILLS        | TRAVIS     | COLORADO        | 110953000 | K    | 953  | 641   | 227     | 14     | 2827    | 3875    | 5069    | 6628    | 8146    | 9133    | 10240   |
| COUNTY-OTHER           | TRAVIS     | BRAZOS          | 110996227 | K    | 996  | 757   | 227     | 12     | 580     | 363     | 396     | 454     | 502     | 533     | 564     |
| COUNTY-OTHER           | TRAVIS     | COLORADO        | 110996227 | K    | 996  | 757   | 227     | 14     | 91087   | 56834   | 62622   | 72521   | 80710   | 85810   | 91100   |
| COUNTY-OTHER           | TRAVIS     | GUADALUPE       | 110996227 | K    | 996  | 757   | 227     | 18     | 559     | 350     | 382     | 438     | 485     | 514     | 545     |
| BOLING-IAGO (CDP)      | WHARTON    | BRAZOS-COLORADO | 110097000 | K    | 97   | 830   | 241     | 13     | 1174    | 1235    | 1261    | 1271    | 1303    | 1335    | 1376    |
| EAST BERNARD           | WHARTON    | BRAZOS-COLORADO | 110261000 | K    | 261  | 176   | 241     | 13     | 1698    | 1851    | 2033    | 2212    | 2404    | 2598    | 2808    |
| WHARTON                | WHARTON    | BRAZOS-COLORADO | 110960000 | K    | 960  | 645   | 241     | 13     | 9087    | 9268    | 10173   | 11071   | 12035   | 13007   | 14059   |
| WHARTON                | WHARTON    | COLORADO        | 110960000 | K    | 960  | 645   | 241     | 14     | 871     | 887     | 975     | 1060    | 1153    | 1246    | 1346    |
| COUNTY-OTHER           | WHARTON    | BRAZOS-COLORADO | 110996241 | K    | 996  | 757   | 241     | 13     | 7641    | 8089    | 8941    | 9806    | 10710   | 11625   | 12648   |
| COUNTY-OTHER           | WHARTON    | COLORADO        | 110996241 | K    | 996  | 757   | 241     | 14     | 5807    | 6182    | 6764    | 7344    | 7965    | 8592    | 9298    |
| COUNTY-OTHER           | WHARTON    | COLORADO-LAVACA | 110996241 | K    | 996  | 757   | 241     | 15     | 1521    | 1618    | 1771    | 1923    | 2085    | 2249    | 2434    |
| ANDERSON MILL (CDP)    | WILLIAMSON | BRAZOS          | 110025000 | K    | 25   | 812   | 246     | 12     | 12342   | 13585   | 14453   | 15087   | 15976   | 16946   | 17733   |
| AUSTIN                 | WILLIAMSON | COLORADO        | 110045000 | K    | 45   | 30    | 246     | 14     | 7054    | 7458    | 13292   | 21555   | 28036   | 32106   | 36767   |
| COUNTY-OTHER           | WILLIAMSON | COLORADO        | 110996246 | K    | 996  | 757   | 246     | 14     | 375     | 486     | 740     | 1097    | 1367    | 1565    | 1686    |
| <b>REGION K TOTALS</b> |            |                 |           |      |      |       |         |        | 951883  | 1041948 | 1243247 | 1505722 | 1751931 | 1923941 | 2107106 |



**CURRENT WATER SUPPLY SOURCES  
TWDB TABLE 4  
LOWER COLORADO REGIONAL PLANNING AREA (REGION K)**

| A                         | B                  | C                  | D                    | E           | F                   | G                        | H                           | I                           | J                           | K                           | L                           |          |                             |
|---------------------------|--------------------|--------------------|----------------------|-------------|---------------------|--------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------|-----------------------------|
| Supply Source Name        | Supply Source Type | Supply Source RWPG | Supply Source County | County Name | Supply Source Basin | Supply Source Identifier | Year 2000 SUPPLY (ac-ft/yr) | Year 2010 SUPPLY (ac-ft/yr) | Year 2030 SUPPLY (ac-ft/yr) | Year 2040 SUPPLY (ac-ft/yr) | Year 2050 SUPPLY (ac-ft/yr) | Comments |                             |
| Ellenburger-San Saba      | 1                  | K                  | 027                  | Burnet      | 14                  | Colorado                 | 02714                       | 2161                        | 2161                        | 2161                        | 2161                        | 2161     | based on % of area          |
| Hickory                   | 1                  | K                  | 027                  | Burnet      | 14                  | Colorado                 | 02716                       | 3154                        | 3154                        | 3154                        | 3154                        | 3154     | based on % of area          |
| Marble Falls              | 1                  | K                  | 027                  | Burnet      | 14                  | Colorado                 | 02719                       | 5334                        | 5334                        | 5334                        | 5334                        | 5334     | based on % of area          |
| Other Aquifer             | 1                  | K                  | 027                  | Burnet      | 14                  | Colorado                 | 02722                       | 10000                       | 10000                       | 10000                       | 10000                       | 10000    | 10,000 ac-ft/county         |
| Trinity                   | 1                  | K                  | 027                  | Burnet      | 14                  | Colorado                 | 02728                       | 567                         | 567                         | 567                         | 480                         | 393      | based on % of area          |
| Gulf Coast                | 1                  | K                  | 045                  | Colorado    | 13                  | Brazos-Colorado          | 04515                       | 11506                       | 11506                       | 11506                       | 11506                       | 11506    | based on % of area          |
| Gulf Coast                | 1                  | K                  | 045                  | Colorado    | 14                  | Colorado                 | 04515                       | 17436                       | 17436                       | 17436                       | 17436                       | 17436    | based on % of area          |
| Other Aquifer             | 1                  | K                  | 045                  | Colorado    | 14                  | Colorado                 | 04522                       | 10000                       | 10000                       | 10000                       | 10000                       | 10000    | 10,000 ac-ft/county         |
| Gulf Coast                | 1                  | K                  | 045                  | Colorado    | 16                  | Lavaca                   | 04515                       | 18915                       | 18915                       | 18915                       | 18915                       | 18915    | based on % of area          |
| Gulf Coast                | 1                  | K                  | 075                  | Fayette     | 12                  | Brazos                   | 07515                       | 65                          | 65                          | 65                          | 65                          | 65       | based on % of area          |
| Other Aquifer             | 1                  | K                  | 075                  | Fayette     | 12                  | Brazos                   | 07522                       | 4                           | 4                           | 4                           | 4                           | 4        | 10,000 ac-ft/county         |
| Carrizo-Wilcox            | 1                  | K                  | 075                  | Fayette     | 14                  | Colorado                 | 07510                       | 290                         | 290                         | 290                         | 290                         | 290      | based on % of area          |
| Gulf Coast                | 1                  | K                  | 075                  | Fayette     | 14                  | Colorado                 | 07515                       | 3300                        | 3300                        | 3300                        | 3300                        | 3300     | based on % of area          |
| Other Aquifer             | 1                  | K                  | 075                  | Fayette     | 14                  | Colorado                 | 07522                       | 7373                        | 7373                        | 7373                        | 7373                        | 7373     | 10,000 ac-ft/county         |
| Queen City                | 1                  | K                  | 075                  | Fayette     | 14                  | Colorado                 | 07524                       | 1034                        | 1034                        | 1034                        | 1034                        | 1034     | based on % of area          |
| Sparta                    | 1                  | K                  | 075                  | Fayette     | 14                  | Colorado                 | 07527                       | 3667                        | 3667                        | 3667                        | 3667                        | 3667     | based on % of area          |
| Carrizo-Wilcox            | 1                  | K                  | 075                  | Fayette     | 16                  | Lavaca                   | 07510                       | 44                          | 44                          | 44                          | 44                          | 44       | based on % of area          |
| Gulf Coast                | 1                  | K                  | 075                  | Fayette     | 16                  | Lavaca                   | 07515                       | 5188                        | 5188                        | 5188                        | 5188                        | 5188     | based on % of area          |
| Other Aquifer             | 1                  | K                  | 075                  | Fayette     | 16                  | Lavaca                   | 07522                       | 1898                        | 1898                        | 1898                        | 1898                        | 1898     | 10,000 ac-ft/county         |
| Queen City                | 1                  | K                  | 075                  | Fayette     | 16                  | Lavaca                   | 07524                       | 26                          | 26                          | 26                          | 26                          | 26       | based on % of area          |
| Sparta                    | 1                  | K                  | 075                  | Fayette     | 16                  | Lavaca                   | 07527                       | 235                         | 235                         | 235                         | 235                         | 235      | based on % of area          |
| Carrizo-Wilcox            | 1                  | K                  | 075                  | Fayette     | 18                  | Guadalupe                | 07510                       | 66                          | 66                          | 66                          | 66                          | 66       | based on % of area          |
| Gulf Coast                | 1                  | K                  | 075                  | Fayette     | 18                  | Guadalupe                | 07515                       | 144                         | 144                         | 144                         | 144                         | 144      | based on % of area          |
| Other Aquifer             | 1                  | K                  | 075                  | Fayette     | 18                  | Guadalupe                | 07522                       | 725                         | 725                         | 725                         | 725                         | 725      | 10,000 ac-ft/county         |
| Queen City                | 1                  | K                  | 075                  | Fayette     | 18                  | Guadalupe                | 07524                       | 175                         | 175                         | 175                         | 175                         | 175      | based on % of area          |
| Sparta                    | 1                  | K                  | 075                  | Fayette     | 18                  | Guadalupe                | 07527                       | 598                         | 598                         | 598                         | 598                         | 598      | based on % of area          |
| Edwards-Trinity (Plateau) | 1                  | K                  | 086                  | Gillespie   | 14                  | Colorado                 | 08613                       | 1410                        | 1410                        | 1410                        | 1410                        | 1410     | based on % of area          |
| Ellenburger-San Saba      | 1                  | K                  | 086                  | Gillespie   | 14                  | Colorado                 | 08614                       | 5535                        | 5535                        | 5535                        | 5535                        | 5535     | based on % of area          |
| Hickory                   | 1                  | K                  | 086                  | Gillespie   | 14                  | Colorado                 | 08616                       | 1934                        | 1934                        | 1934                        | 1934                        | 1934     | based on % of area          |
| Other Aquifer             | 1                  | K                  | 086                  | Gillespie   | 14                  | Colorado                 | 08622                       | 10000                       | 10000                       | 10000                       | 10000                       | 10000    | 10,000 ac-ft/county         |
| Trinity                   | 1                  | K                  | 086                  | Gillespie   | 14                  | Colorado                 | 08628                       | 3354                        | 3354                        | 3354                        | 3354                        | 3354     | Based on HCUWCD Data        |
| Edwards-Trinity (Plateau) | 1                  | K                  | 086                  | Gillespie   | 18                  | Guadalupe                | 08613                       | 90                          | 90                          | 90                          | 90                          | 90       | based on % of area          |
| Ellenburger-San Saba      | 1                  | K                  | 086                  | Gillespie   | 18                  | Guadalupe                | 08614                       | 65                          | 65                          | 65                          | 65                          | 65       | based on % of area          |
| Hickory                   | 1                  | K                  | 086                  | Gillespie   | 18                  | Guadalupe                | 08616                       | 66                          | 66                          | 66                          | 66                          | 66       | based on % of area          |
| Trinity                   | 1                  | K                  | 086                  | Gillespie   | 18                  | Guadalupe                | 08628                       | 46                          | 46                          | 46                          | 46                          | 46       | Based on HCUWCD Data        |
| Edwards-BFZ(Austin)       | 1                  | K                  | 105                  | Hays        | 14                  | Colorado                 | 10511                       | 9310                        | 9310                        | 9310                        | 9310                        | 9310     | TWDB GW-U table             |
| Other Aquifer             | 1                  | K                  | 105                  | Hays        | 14                  | Colorado                 | 10522                       | 10000                       | 10000                       | 10000                       | 10000                       | 10000    | 10,000 ac-ft/county         |
| Trinity                   | 1                  | K                  | 105                  | Hays        | 14                  | Colorado                 | 10528                       | 597                         | 597                         | 597                         | 597                         | 597      | 490 GWbyBasin file 9/24/99  |
| Ellenburger-San Saba      | 1                  | K                  | 150                  | Llano       | 14                  | Colorado                 | 15014                       | 758                         | 758                         | 758                         | 758                         | 758      | TWDB GW-U table             |
| Hickory                   | 1                  | K                  | 150                  | Llano       | 14                  | Colorado                 | 15016                       | 12517                       | 12517                       | 12517                       | 12517                       | 12517    | TWDB GW-U table             |
| Other Aquifer             | 1                  | K                  | 150                  | Llano       | 14                  | Colorado                 | 15022                       | 10000                       | 10000                       | 10000                       | 10000                       | 10000    | 10,000 ac-ft/county         |
| Gulf Coast                | 1                  | K                  | 161                  | Matagorda   | 13                  | Brazos-Colorado          | 16115                       | 22423                       | 22423                       | 22423                       | 22423                       | 22423    | based on % of area          |
| Gulf Coast                | 1                  | K                  | 161                  | Matagorda   | 14                  | Colorado                 | 16115                       | 3218                        | 3218                        | 3218                        | 3218                        | 3218     | based on % of area          |
| Gulf Coast                | 1                  | K                  | 161                  | Matagorda   | 15                  | Colorado-Lavaca          | 16115                       | 23580                       | 23580                       | 23580                       | 23580                       | 23580    | based on % of area          |
| Other Aquifer             | 1                  | K                  | 167                  | Mills       | 12                  | Brazos                   | 16722                       | 3883                        | 3883                        | 3883                        | 3883                        | 3883     | 10,000 ac-ft/county         |
| Trinity                   | 1                  | K                  | 167                  | Mills       | 12                  | Brazos                   | 16728                       | 1430                        | 1430                        | 1430                        | 1294                        | 1028     | based on % of area          |
| Other Aquifer             | 1                  | K                  | 167                  | Mills       | 14                  | Colorado                 | 16722                       | 6117                        | 6117                        | 6117                        | 6117                        | 6117     | 10,000 ac-ft/county         |
| Trinity                   | 1                  | K                  | 167                  | Mills       | 14                  | Colorado                 | 16728                       | 1330                        | 1330                        | 1330                        | 1166                        | 1166     | 956 based on % of area      |
| Ellenburger-San Saba      | 1                  | K                  | 206                  | San Saba    | 14                  | Colorado                 | 20614                       | 10194                       | 10194                       | 10194                       | 10194                       | 10194    | TWDB GW-U table             |
| Hickory                   | 1                  | K                  | 206                  | San Saba    | 14                  | Colorado                 | 20616                       | 6540                        | 6540                        | 6540                        | 6540                        | 6540     | TWDB GW-U table             |
| Marble Falls              | 1                  | K                  | 206                  | San Saba    | 14                  | Colorado                 | 20619                       | 12380                       | 12380                       | 12380                       | 12380                       | 12380    | TWDB GW-U table             |
| Other Aquifer             | 1                  | K                  | 206                  | San Saba    | 14                  | Colorado                 | 20622                       | 10000                       | 10000                       | 10000                       | 10000                       | 10000    | 10,000 ac-ft/county         |
| Edwards-BFZ(Austin)       | 1                  | K                  | 227                  | Travis      | 12                  | Brazos                   | 22711                       | 46                          | 46                          | 46                          | 46                          | 46       | based on % of area          |
| Other Aquifer             | 1                  | K                  | 227                  | Travis      | 12                  | Brazos                   | 22722                       | 73                          | 73                          | 73                          | 73                          | 73       | 10,000 ac-ft/county         |
| Edwards-BFZ(Austin)       | 1                  | K                  | 227                  | Travis      | 14                  | Colorado                 | 22711                       | 7954                        | 7954                        | 7954                        | 7954                        | 7954     | based on % of area          |
| Other Aquifer             | 1                  | K                  | 227                  | Travis      | 14                  | Colorado                 | 22722                       | 9843                        | 9843                        | 9843                        | 9843                        | 9843     | 10,000 ac-ft/county         |
| Trinity                   | 1                  | K                  | 227                  | Travis      | 14                  | Colorado                 | 22728                       | 853                         | 853                         | 853                         | 853                         | 853      | 699 based on % of area      |
| Other Aquifer             | 1                  | K                  | 227                  | Travis      | 18                  | Guadalupe                | 22722                       | 84                          | 84                          | 84                          | 84                          | 84       | 10,000 ac-ft/county         |
| Trinity                   | 1                  | K                  | 227                  | Travis      | 18                  | Guadalupe                | 22728                       | 2                           | 2                           | 2                           | 2                           | 2        | based on % of area          |
| Gulf Coast                | 1                  | K                  | 241                  | Wharton     | 13                  | Brazos-Colorado          | 24115                       | 42295                       | 42295                       | 42295                       | 42295                       | 42295    | based on % of area          |
| Gulf Coast                | 1                  | K                  | 241                  | Wharton     | 14                  | Colorado                 | 24115                       | 41812                       | 41812                       | 41812                       | 41812                       | 41812    | based on % of area          |
| Gulf Coast                | 1                  | K                  | 241                  | Wharton     | 15                  | Colorado-Lavaca          | 24115                       | 8543                        | 8543                        | 8543                        | 8543                        | 8543     | based on % of area          |
| Edwards-BFZ(Austin)       | 1                  | K                  | 246                  | Williamson  | 12                  | Brazos                   | 24611                       | 3551                        | 3551                        | 3551                        | 3551                        | 3551     | based on % of area          |
| Other Aquifer             | 1                  | K                  | 246                  | Williamson  | 12                  | Brazos                   | 24622                       | 9654                        | 9654                        | 9654                        | 9654                        | 9654     | 10,000 ac-ft/county         |
| Trinity                   | 1                  | K                  | 246                  | Williamson  | 12                  | Brazos                   | 24628                       | 299                         | 299                         | 299                         | 241                         | 241      | 197 GWbyCounty file 9/24/99 |
| Edwards-BFZ(Austin)       | 1                  | K                  | 246                  | Williamson  | 14                  | Colorado                 | 24611                       | 134                         | 134                         | 134                         | 134                         | 134      | based on % of area          |
| Other Aquifer             | 1                  | K                  | 246                  | Williamson  | 14                  | Colorado                 | 24622                       | 346                         | 346                         | 346                         | 346                         | 346      | 10,000 ac-ft/county         |
| Trinity                   | 1                  | K                  | 246                  | Williamson  | 14                  | Colorado                 | 24628                       | 148                         | 148                         | 148                         | 119                         | 119      | 98 GWbyBasin file 9/24/99   |
| Highland Lakes            | 2                  | K                  |                      |             | 14                  | Colorado                 | 14080                       | 445,766                     | 445,766                     | 445,766                     | 445,766                     | 445,766  | LCRA - Water Mgmt Plan      |

TWDB ERRATA INPUT COMMENTS (ADM 8/201)

Note: Dependable yield from downstream water rights have been estimated assuming that no return flow is received from the City of Austin.  
Information in red changed per Errata 7/30/01.

region g bns 12

region k bsn 12

**CURRENT WATER SU  
TWI  
LOWER COLORADO REGIC**

| A                     | B                           | C                             | D               | E           | J                 | K                   | L                         | M                          |
|-----------------------|-----------------------------|-------------------------------|-----------------|-------------|-------------------|---------------------|---------------------------|----------------------------|
| Water User Group Name | Water User Group Identifier | Regional Water Planning Group | Sequence Number | City Number | RWPG Water Source | Water Source County | Water Source Basin Number | Specific Source Identifier |
| Bastrop               | 110059000                   | K                             | 59              | 40          | K                 | 11                  | 14                        | 01122                      |
| Elgin                 | 110278000                   | K                             | 278             | 188         | K                 | 11                  | 14                        | 01110                      |
| Garfield CDP          | 110333000                   | K                             | 333             | 774         | K                 | 227                 | 14                        | 22722                      |
| Smithville            | 110836000                   | K                             | 836             | 564         | K                 | 11                  | 14                        | 01110                      |
| County (other)        | 110996011                   | K                             | 996             | 757         | K                 | 11                  | 12                        | 01110                      |
| County (other)        | 110996011                   | K                             | 996             | 757         | K                 | 11                  | 12                        | 01122                      |
| County (other)        | 110996011                   | K                             | 996             | 757         | K                 | 11                  | 12                        | 01124                      |
| County (other)        | 110996011                   | K                             | 996             | 757         | K                 | 11                  | 14                        | 01110                      |
| County (other)        | 110996011                   | K                             | 996             | 757         | K                 | 11                  | 14                        | 01124                      |
| County (other)        | 110996011                   | K                             | 996             | 757         | K                 | 11                  | 18                        | 01124                      |
| Manufacturing         | 111001011                   | K                             | 1001            | 1001        | K                 | 11                  | 12                        | 01110                      |
| Manufacturing         | 111001011                   | K                             | 1001            | 1001        | K                 |                     | 14                        | 14999                      |
| Manufacturing         | 111001011                   | K                             | 1001            | 1001        | K                 | 11                  | 14                        | 01110                      |
| Manufacturing         | 111001011                   | K                             | 1001            | 1001        | K                 | 11                  | 18                        | 01110                      |
| Steam Electric        | 111002011                   | K                             | 1002            | 1002        | K                 |                     | 14                        | 14260                      |
| Steam Electric        | 111002011                   | K                             | 1002            | 1002        | K                 |                     | 14                        | 140B0                      |
| Mining                | 111003011                   | K                             | 1003            | 1003        | K                 | 11                  | 12                        | 01110                      |
| Mining                | 111003011                   | K                             | 1003            | 1003        | K                 | 11                  | 12                        | 01122                      |
| Mining                | 111003011                   | K                             | 1003            | 1003        | K                 | 11                  | 12                        | 01124                      |
| Mining                | 111003011                   | K                             | 1003            | 1003        | K                 | 11                  | 12                        | 01127                      |
| Mining                | 111003011                   | K                             | 1003            | 1003        | K                 |                     | 14                        | 14999                      |
| Mining                | 111003011                   | K                             | 1003            | 1003        | K                 | 11                  | 14                        | 01110                      |
| Mining                | 111003011                   | K                             | 1003            | 1003        | K                 | 11                  | 14                        | 01122                      |
| Mining                | 111003011                   | K                             | 1003            | 1003        | K                 | 11                  | 14                        | 01124                      |
| Mining                | 111003011                   | K                             | 1003            | 1003        | K                 | 11                  | 14                        | 01127                      |
| Mining                | 111003011                   | K                             | 1003            | 1003        | K                 | 11                  | 18                        | 01110                      |
| Mining                | 111003011                   | K                             | 1003            | 1003        | K                 | 11                  | 18                        | 01122                      |
| Mining                | 111003011                   | K                             | 1003            | 1003        | K                 | 11                  | 18                        | 01124                      |
| Mining                | 111003011                   | K                             | 1003            | 1003        | K                 | 11                  | 18                        | 01127                      |
| Irrigation            | 111004011                   | K                             | 1004            | 1004        | K                 | 11                  | 12                        | 01110                      |
| Irrigation            | 111004011                   | K                             | 1004            | 1004        | K                 | 11                  | 12                        | 01124                      |
| Irrigation            | 111004011                   | K                             | 1004            | 1004        | K                 | 11                  | 12                        | 01127                      |
| Irrigation            | 111004011                   | K                             | 1004            | 1004        | K                 |                     | 14                        | 011996                     |
| Irrigation            | 111004011                   | K                             | 1004            | 1004        | K                 |                     | 14                        | 140B0                      |
| Irrigation            | 111004011                   | K                             | 1004            | 1004        | K                 | 11                  | 14                        | 01110                      |
| Irrigation            | 111004011                   | K                             | 1004            | 1004        | K                 | 11                  | 14                        | 01124                      |
| Irrigation            | 111004011                   | K                             | 1004            | 1004        | K                 | 11                  | 14                        | 01127                      |
| Irrigation            | 111004011                   | K                             | 1004            | 1004        | K                 | 11                  | 18                        | 01110                      |
| Irrigation            | 111004011                   | K                             | 1004            | 1004        | K                 | 11                  | 18                        | 01124                      |
| Irrigation            | 111004011                   | K                             | 1004            | 1004        | K                 | 11                  | 18                        | 01127                      |
| Livestock             | 111005011                   | K                             | 1005            | 1005        | K                 |                     | 12                        | 12997                      |
| Livestock             | 111005011                   | K                             | 1005            | 1005        | K                 | 11                  | 12                        | 01110                      |
| Livestock             | 111005011                   | K                             | 1005            | 1005        | K                 | 11                  | 12                        | 01122                      |

|                   |           |   |      |      |   |    |    |        |
|-------------------|-----------|---|------|------|---|----|----|--------|
| Livestock         | 111005011 | K | 1005 | 1005 | K | 11 | 12 | 01124  |
| Livestock         | 111005011 | K | 1005 | 1005 | K | 11 | 12 | 01127  |
| Livestock         | 111005011 | K | 1005 | 1005 | K |    | 14 | 14997  |
| Livestock         | 111005011 | K | 1005 | 1005 | K | 11 | 14 | 01110  |
| Livestock         | 111005011 | K | 1005 | 1005 | K | 11 | 14 | 01122  |
| Livestock         | 111005011 | K | 1005 | 1005 | K | 11 | 14 | 01124  |
| Livestock         | 111005011 | K | 1005 | 1005 | K | 11 | 14 | 01127  |
| Livestock         | 111005011 | K | 1005 | 1005 | K |    | 18 | 18997  |
| Livestock         | 111005011 | K | 1005 | 1005 | K | 11 | 18 | 01110  |
| Livestock         | 111005011 | K | 1005 | 1005 | K | 11 | 18 | 01122  |
| Livestock         | 111005011 | K | 1005 | 1005 | K | 11 | 18 | 01124  |
| Livestock         | 111005011 | K | 1005 | 1005 | K | 11 | 18 | 01127  |
| Blanco            | 110089000 | K | 89   | 60   | K |    | 18 | 18120  |
| Blanco            | 110089000 | K | 89   | 60   | K | 16 | 18 | 01628  |
| Johnson City      | 110450000 | K | 0450 | 307  | K | 16 | 14 | 01614  |
| County (Other)    | 110996016 | K | 996  | 757  | K |    | 14 | 14999  |
| County (other)    | 110996016 | K | 996  | 757  | K | 16 | 14 | 01614  |
| County (other)    | 110996016 | K | 996  | 757  | K | 16 | 14 | 01616  |
| County (other)    | 110996016 | K | 996  | 757  | K | 16 | 14 | 01622  |
| County (other)    | 110996016 | K | 996  | 757  | K | 16 | 14 | 01628  |
| County (other)    | 110996016 | K | 996  | 757  | K | 16 | 18 | 01613  |
| County (other)    | 110996016 | K | 996  | 757  | K | 16 | 18 | 01628  |
| Manufacturing     | 111001016 | K | 1001 | 1001 | K | 16 | 18 | 01628  |
| Mining            | 111003016 | K | 1003 | 1003 | K | 16 | 14 | 01614  |
| Mining            | 111003016 | K | 1003 | 1003 | K | 16 | 14 | 01622  |
| Mining            | 111003016 | K | 1003 | 1003 | K | 16 | 18 | 01628  |
| Irrigation        | 111004016 | K | 1004 | 1004 | K | 16 | 14 | 01614  |
| Irrigation        | 111004016 | K | 1004 | 1004 | K | 16 | 14 | 01622  |
| Irrigation        | 111004016 | K | 1004 | 1004 | K |    | 18 | 016996 |
| Irrigation        | 111004016 | K | 1004 | 1004 | K | 16 | 18 | 01628  |
| Livestock         | 111005016 | K | 1005 | 1005 | K |    | 14 | 14997  |
| Livestock         | 111005016 | K | 1005 | 1005 | K | 16 | 14 | 01614  |
| Livestock         | 111005016 | K | 1005 | 1005 | K |    | 18 | 18997  |
| Livestock         | 111005016 | K | 1005 | 1005 | K | 16 | 18 | 01628  |
| Bertram           | 110079000 | K | 79   | 826  | K | 27 | 12 | 02714  |
| Burnet            | 110132000 | K | 132  | 88   |   |    | 14 | 140B0  |
| Burnet            | 110132000 | K | 132  | 88   | K | 27 | 14 | 02714  |
| Cottonwood Shores | 110208000 | K | 208  | 850  |   |    | 14 | 140B0  |
| Granite Shoals    | 110291000 | K | 291  | 775  | K | 27 | 14 | 02722  |
| Granite Shoals    | 110358000 | K | 358  | 775  |   |    | 14 | 140B0  |
| Marble Falls      | 110561000 | K | 561  | 385  |   |    | 14 | 140B0  |
| Meadow Lakes      | 110582000 | K | 582  | 913  | K |    | 14 | 14999  |
| County (other)    | 110996027 | K | 996  | 757  | K | 27 | 12 | 02714  |
| County (other)    | 110996027 | K | 996  | 757  | K | 27 | 12 | 02728  |
| County (other)    | 110996027 | K | 996  | 757  |   |    | 14 | 140B0  |
| County (other)    | 110996027 | K | 996  | 757  | K | 27 | 14 | 02714  |
| County (other)    | 110996027 | K | 996  | 757  | K | 27 | 14 | 02716  |
| County (other)    | 110996027 | K | 996  | 757  | K | 27 | 14 | 02719  |
| County (other)    | 110996027 | K | 996  | 757  | K | 27 | 14 | 02722  |
| County (other)    | 110996027 | K | 996  | 757  | K | 27 | 14 | 02728  |
| Manufacturing     | 111001027 | K | 1001 | 1001 | K |    | 14 | 14999  |
| Manufacturing     | 111001027 | K | 1001 | 1001 |   |    | 14 | 140B0  |



|                |           |   |      |      |   |    |    |        |
|----------------|-----------|---|------|------|---|----|----|--------|
| Manufacturing  | 111001027 | K | 1001 | 1001 | K | 27 | 14 | 02714  |
| Steam Electric | 111002027 | K | 1002 | 1002 | K | 27 | 14 | 02714  |
| Mining         | 111003027 | K | 1003 | 1003 | K | 27 | 12 | 02728  |
| Mining         | 111003027 | K | 1003 | 1003 | K |    | 14 | 14999  |
| Mining         | 111003027 | K | 1003 | 1003 | K | 27 | 14 | 02714  |
| Mining         | 111003027 | K | 1003 | 1003 | K | 27 | 14 | 02716  |
| Mining         | 111003027 | K | 1003 | 1003 | K | 27 | 14 | 02719  |
| Mining         | 111003027 | K | 1003 | 1003 | K | 27 | 14 | 02722  |
| Mining         | 111003027 | K | 1003 | 1003 | K | 27 | 14 | 02728  |
| Irrigation     | 111004027 | K | 1004 | 1004 | K | 27 | 12 | 02728  |
| Irrigation     | 111004027 | K | 1004 | 1004 | K |    | 14 | 027996 |
| Irrigation     | 111004027 | K | 1004 | 1004 |   |    | 14 | 140B0  |
| Irrigation     | 111004027 | K | 1004 | 1004 | K | 27 | 14 | 02714  |
| Irrigation     | 111004027 | K | 1004 | 1004 | K | 27 | 14 | 02716  |
| Irrigation     | 111004027 | K | 1004 | 1004 | K | 27 | 14 | 02719  |
| Irrigation     | 111004027 | K | 1004 | 1004 | K | 27 | 14 | 02722  |
| Irrigation     | 111004027 | K | 1004 | 1004 | K | 27 | 14 | 02728  |
| Livestock      | 111005027 | K | 1005 | 1005 | K |    | 12 | 12997  |
| Livestock      | 111005027 | K | 1005 | 1005 | K | 27 | 12 | 02728  |
| Livestock      | 111005027 | K | 1005 | 1005 | K |    | 14 | 14997  |
| Livestock      | 111005027 | K | 1005 | 1005 | K | 27 | 14 | 02714  |
| Livestock      | 111005027 | K | 1005 | 1005 | K | 27 | 14 | 02716  |
| Livestock      | 111005027 | K | 1005 | 1005 | K | 27 | 14 | 02719  |
| Livestock      | 111005027 | K | 1005 | 1005 | K | 27 | 14 | 02722  |
| Livestock      | 111005027 | K | 1005 | 1005 | K | 27 | 14 | 02728  |
| Columbus       | 110190000 | K | 190  | 127  | K | 45 | 14 | 04515  |
| Eagle Lake     | 110257000 | K | 257  | 172  | K | 45 | 13 | 04515  |
| Eagle Lake     | 110257000 | K | 257  | 172  | K | 45 | 14 | 04515  |
| Weimar         | 110946000 | K | 946  | 636  | K | 75 | 14 | 07515  |
| Weimar         | 110946000 | K | 946  | 636  | K | 75 | 16 | 07515  |
| County (Other) | 110996045 | K | 996  | 757  | K | 45 | 13 | 04515  |
| County (Other) | 110996045 | K | 996  | 757  | K | 45 | 14 | 04515  |
| County (Other) | 110996045 | K | 996  | 757  | K | 45 | 16 | 04515  |
| Manufacturing  | 111001045 | K | 1001 | 1001 | K | 45 | 13 | 04515  |
| Manufacturing  | 111001045 | K | 1001 | 1001 | K |    | 14 | 14999  |
| Manufacturing  | 111001045 | K | 1001 | 1001 | K | 45 | 14 | 04515  |
| Steam Electric | 111002045 | K | 1002 | 1002 | K | 45 | 14 | 04515  |
| Mining         | 111003045 | K | 1003 | 1003 | K | 45 | 13 | 04515  |
| Mining         | 111003045 | K | 1003 | 1003 | K |    | 14 | 14999  |
| Mining         | 111003045 | K | 1003 | 1003 | K | 45 | 14 | 04515  |
| Mining         | 111003045 | K | 1003 | 1003 | K | 45 | 14 | 04522  |
| Mining         | 111003045 | K | 1003 | 1003 | K | 45 | 16 | 04515  |
| Irrigation     | 111004045 | K | 1004 | 1004 | K |    | 13 | 045996 |
| Irrigation     | 111004045 | K | 1004 | 1004 |   |    | 14 | 140B0  |
| Irrigation     | 111004045 | K | 1004 | 1004 | K | 45 | 13 | 04515  |
| Irrigation     | 111004045 | K | 1004 | 1004 | K |    | 14 | 045996 |
| Irrigation     | 111004045 | K | 1004 | 1004 |   |    | 14 | 140B0  |
| Irrigation     | 111004045 | K | 1004 | 1004 | K | 45 | 14 | 04515  |
| Irrigation     | 111004045 | K | 1004 | 1004 | K | 45 | 14 | 04522  |
| Irrigation     | 111004045 | K | 1004 | 1004 | K |    | 16 | 045996 |
| Irrigation     | 111004045 | K | 1004 | 1004 |   |    | 14 | 140B0  |
| Irrigation     | 111004045 | K | 1004 | 1004 | K | 45 | 16 | 04515  |

|                |           |   |      |      |   |    |    |             |
|----------------|-----------|---|------|------|---|----|----|-------------|
| Livestock      | 111005045 | K | 1005 | 1005 | K |    | 13 | 13997       |
| Livestock      | 111005045 | K | 1005 | 1005 | K | 45 | 13 | 04515       |
| Livestock      | 111005045 | K | 1005 | 1005 | K |    | 14 | 14997       |
| Livestock      | 111005045 | K | 1005 | 1005 | K | 45 | 14 | 04515       |
| Livestock      | 111005045 | K | 1005 | 1005 | K |    | 16 | 16997       |
| Livestock      | 111005045 | K | 1005 | 1005 | K | 45 | 16 | 04515       |
| Flatonia       | 110298000 | K | 298  | 202  | K | 75 | 18 | 07522       |
| Flatonia       | 110298000 | K | 298  | 202  | K | 75 | 18 | 07515       |
| La Grange      | 110485000 | K | 485  | 334  | K | 75 | 14 | 07524       |
| La Grange      | 110485000 | K | 485  | 334  | K | 75 | 14 | 07527       |
| Schulenburg    | 110809000 | K | 809  | 544  | K | 75 | 16 | 07515       |
| County (other) | 110996075 | K | 996  | 757  | K | 75 | 12 | 07515       |
| County (Other) | 110996075 | K | 996  | 757  | K | 75 | 12 | 07522       |
| County (other) | 110996075 | K | 996  | 757  | K | 75 | 14 | 07515       |
| County (other) | 110996075 | K | 996  | 757  | K | 75 | 14 | 07522       |
| Couty (Other)  | 110996075 | K | 996  | 757  | K | 75 | 14 | 07524       |
| County (other) | 110996075 | K | 996  | 757  | K | 75 | 14 | 07527       |
| County (other) | 110996075 | K | 996  | 757  | K | 75 | 16 | 07515       |
| County (other) | 110996075 | K | 996  | 757  | K | 75 | 18 | 07515       |
| County (other) | 110996075 | K | 996  | 757  | K | 75 | 18 | 07522       |
| County (other) | 110996075 | K | 996  | 757  | K | 75 | 18 | 07527       |
| Manufacturing  | 111001075 | K | 1001 | 1001 | K | 75 | 14 | 07515       |
| Manufacturing  | 111001075 | K | 1001 | 1001 | K | 75 | 14 | 07522       |
| Manufacturing  | 111001075 | K | 1001 | 1001 | K | 75 | 16 | 07515       |
| Manufacturing  | 111001075 | K | 1001 | 1001 | K | 75 | 16 | 07522       |
| Manufacturing  | 111001075 | K | 1001 | 1001 | K | 75 | 16 | 07527       |
| Manufacturing  | 111001075 | K | 1001 | 1001 | K | 75 | 18 | 07515       |
| Manufacturing  | 111001075 | K | 1001 | 1001 | K | 75 | 18 | 07522       |
| Manufacturing  | 111001075 | K | 1001 | 1001 | K | 75 | 18 | 07527       |
| Steam Electric | 111002075 | K | 1002 | 1002 | K |    | 14 | 14490       |
| Steam Electric | 111002075 | K | 1002 | 1002 | K |    | 14 | 3461405489A |
| Steam Electric | 111002075 | K | 1002 | 1002 | K |    | 14 | 140B0       |
| Steam Electric | 111002075 | K | 1002 | 1002 |   |    | 14 | 140B0       |
| Mining         | 111003075 | K | 1003 | 1003 | K | 75 | 12 | 07515       |
| Mining         | 111003075 | K | 1003 | 1003 | K | 75 | 14 | 07510       |
| Mining         | 111003075 | K | 1003 | 1003 | K | 75 | 14 | 07515       |
| Mining         | 111003075 | K | 1003 | 1003 | K | 75 | 14 | 07522       |
| Mining         | 111003075 | K | 1003 | 1003 | K | 75 | 14 | 07527       |
| Mining         | 111003075 | K | 1003 | 1003 | K | 75 | 16 | 07515       |
| Mining         | 111003075 | K | 1003 | 1003 | K | 75 | 16 | 07522       |
| Mining         | 111003075 | K | 1003 | 1003 | K | 75 | 16 | 07527       |
| Mining         | 111003075 | K | 1003 | 1003 | K | 75 | 18 | 07515       |
| Mining         | 111003075 | K | 1003 | 1003 | K | 75 | 18 | 07522       |
| Mining         | 111003075 | K | 1003 | 1003 | K | 75 | 18 | 07527       |
| Irrigation     | 111004075 | K | 1004 | 1004 | K | 75 | 12 | 07515       |
| Irrigation     | 111004075 | K | 1004 | 1004 | K |    | 14 | 075996      |
| County (other) | 111004075 | K | 1004 | 1004 |   |    | 14 | 140B0       |
| Irrigation     | 111004075 | K | 1004 | 1004 | K | 75 | 14 | 07510       |
| Irrigation     | 111004075 | K | 1004 | 1004 | K | 75 | 14 | 07515       |
| Irrigation     | 111004075 | K | 1004 | 1004 | K | 75 | 14 | 07522       |
| Irrigation     | 111004075 | K | 1004 | 1004 | K | 75 | 14 | 07527       |
| Irrigation     | 111004075 | K | 1004 | 1004 | K | 75 | 16 | 07515       |

|                  |           |   |      |      |   |     |    |       |
|------------------|-----------|---|------|------|---|-----|----|-------|
| Irrigation       | 111004075 | K | 1004 | 1004 | K | 75  | 16 | 07522 |
| Irrigation       | 111004075 | K | 1004 | 1004 | K | 75  | 16 | 07527 |
| Irrigation       | 111004075 | K | 1004 | 1004 | K | 75  | 18 | 07515 |
| Irrigation       | 111004075 | K | 1004 | 1004 | K | 75  | 18 | 07522 |
| Irrigation       | 111004075 | K | 1004 | 1004 | K | 75  | 18 | 07527 |
| Livestock        | 111005075 | K | 1005 | 1005 | K |     | 12 | 12997 |
| Livestock        | 111005075 | K | 1005 | 1005 | K |     | 14 | 14997 |
| Livestock        | 111005075 | K | 1005 | 1005 | K | 75  | 14 | 07515 |
| Livestock        | 111005075 | K | 1005 | 1005 | K | 75  | 14 | 07522 |
| Livestock        | 111005075 | K | 1005 | 1005 | K | 75  | 14 | 07527 |
| Livestock        | 111005075 | K | 1005 | 1005 | K |     | 16 | 16997 |
| Livestock        | 111005075 | K | 1005 | 1005 | K | 75  | 16 | 07515 |
| Livestock        | 111005075 | K | 1005 | 1005 | K | 75  | 16 | 07522 |
| Livestock        | 111005075 | K | 1005 | 1005 | K | 75  | 16 | 07527 |
| Livestock        | 111005075 | K | 1005 | 1005 | K |     | 18 | 18997 |
| Livestock        | 111005075 | K | 1005 | 1005 | K | 75  | 18 | 07515 |
| Livestock        | 111005075 | K | 1005 | 1005 | K | 75  | 18 | 07522 |
| Livestock        | 111005075 | K | 1005 | 1005 | K | 75  | 18 | 07527 |
| Fredericksburg   | 110314000 | K | 314  | 216  | K | 86  | 14 | 08616 |
| Fredericksburg   | 110314000 | K | 314  | 216  | K | 86  | 14 | 08614 |
| County (Other)   | 110996086 | K | 996  | 757  | K | 86  | 14 | 08613 |
| County (Other)   | 110996086 | K | 996  | 757  | K | 86  | 14 | 08614 |
| County (Other)   | 110996086 | K | 996  | 757  | K | 86  | 14 | 08616 |
| County (Other)   | 110996086 | K | 996  | 757  | K | 86  | 14 | 08622 |
| County (Other)   | 110996086 | K | 996  | 757  | K | 86  | 18 | 08628 |
| Manufacturing    | 111001086 | K | 1001 | 1001 | K |     | 14 | 14999 |
| Manufacturing    | 111001086 | K | 1001 | 1001 | K | 86  | 14 | 08613 |
| Manufacturing    | 111001086 | K | 1001 | 1001 | K | 86  | 14 | 08614 |
| Manufacturing    | 111001086 | K | 1001 | 1001 | K | 86  | 14 | 08616 |
| Steam Electric   | 111002086 | K | 1002 | 1002 | K | 86  | 14 | 08613 |
| Mining           | 111003086 | K | 1003 | 1003 |   |     | 14 | 140B0 |
| Mining           | 111003086 | K | 1003 | 1003 | K | 86  | 14 | 08613 |
| Mining           | 111003086 | K | 1003 | 1003 | K | 86  | 14 | 08614 |
| Mining           | 111003086 | K | 1003 | 1003 | K | 86  | 14 | 08616 |
| Mining           | 111003086 | K | 1003 | 1003 | K | 86  | 14 | 08628 |
| Mining           | 111003086 | K | 1003 | 1003 | K | 86  | 18 | 08628 |
| Irrigation       | 111004086 | K | 1004 | 1004 | K |     | 14 | 86996 |
| Irrigation       | 111004086 | K | 1004 | 1004 | K | 86  | 14 | 08613 |
| Irrigation       | 111004086 | K | 1004 | 1004 | K | 86  | 14 | 08614 |
| Irrigation       | 111004086 | K | 1004 | 1004 | K | 86  | 14 | 08616 |
| Irrigation       | 111004086 | K | 1004 | 1004 | K | 86  | 14 | 08628 |
| Irrigation       | 111004086 | K | 1004 | 1004 | K | 86  | 18 | 08628 |
| Livestock        | 111005086 | K | 1005 | 1005 | K |     | 14 | 14997 |
| Livestock        | 111005086 | K | 1005 | 1005 | K | 86  | 14 | 08613 |
| Livestock        | 111005086 | K | 1005 | 1005 | K | 86  | 14 | 08614 |
| Livestock        | 111005086 | K | 1005 | 1005 | K | 86  | 14 | 08616 |
| Livestock        | 111005086 | K | 1005 | 1005 | K | 86  | 14 | 08628 |
| Livestock        | 111005086 | K | 1005 | 1005 | K |     | 18 | 18997 |
| Livestock        | 111005086 | K | 1005 | 1005 | K | 86  | 18 | 08628 |
| Buda             | 110125000 | K | 125  | 761  | K | 105 | 14 | 10511 |
| Dripping Springs | 110252000 | K | 252  | 769  | K | 105 | 14 | 10528 |
| County (Other)   | 110996105 | K | 996  | 757  | K | 105 | 14 | 10511 |

|                 |           |   |      |      |   |     |    |            |
|-----------------|-----------|---|------|------|---|-----|----|------------|
| County (Other)  | 110996105 | K | 996  | 757  | K | 105 | 14 | 10522      |
| Manufacturing   | 111001105 | K | 1001 | 1001 | K | 105 | 14 | 10511      |
| Mining          | 111003105 | K | 1003 | 1003 | K | 105 | 14 | 10511      |
| Mining          | 111003105 | K | 1003 | 1003 | K | 105 | 14 | 10528      |
| Irrigation      | 111004105 | K | 1004 | 1004 | K |     | 14 | 105996     |
| Irrigation      | 111004105 | K | 1004 | 1004 | K | 105 | 14 | 10511      |
| Irrigation      | 111004105 | K | 1004 | 1004 | K | 105 | 14 | 10528      |
| Livestock       | 111005105 | K | 1005 | 1005 | K |     | 14 | 14997      |
| Livestock       | 111005105 | K | 1005 | 1005 | K | 105 | 14 | 10511      |
| Livestock       | 111005105 | K | 1005 | 1005 | K | 105 | 14 | 10528      |
| Kingsland (CDP) | 110471000 | K | 471  | 889  |   |     | 14 | 140B0      |
| Llano           | 110532000 | K | 532  | 363  | K |     | 14 | 14520      |
| County (Other)  | 110996150 | K | 996  | 757  |   |     | 14 | 140B0      |
| County (Other)  | 110996150 | K | 996  | 757  | K | 150 | 14 | 15014      |
| County (Other)  | 110996150 | K | 996  | 757  | K | 150 | 14 | 15016      |
| County (Other)  | 110996150 | K | 996  | 757  | K | 150 | 14 | 15022      |
| Steam Electric  | 111002150 | K | 1002 | 1002 |   |     | 14 | 140B0      |
| Mining          | 111003150 | K | 1003 | 1003 | K | 150 | 14 | 15014      |
| Mining          | 111003150 | K | 1003 | 1003 | K | 150 | 14 | 15016      |
| Mining          | 111003150 | K | 1003 | 1003 | K | 150 | 14 | 15022      |
| Irrigation      | 111004150 | K | 1004 | 1004 | K |     | 14 | 150996     |
| Irrigation      | 111004150 | K | 1004 | 1004 |   |     | 14 | 140B0      |
| Irrigation      | 111004150 | K | 1004 | 1004 | K | 150 | 14 | 15014      |
| Irrigation      | 111004150 | K | 1004 | 1004 | K | 150 | 14 | 15016      |
| Irrigation      | 111004150 | K | 1004 | 1004 | K | 150 | 14 | 15022      |
| Livestock       | 111005150 | K | 1005 | 1005 | K |     | 14 | 14997      |
| Livestock       | 111005150 | K | 1005 | 1005 | K | 150 | 14 | 15014      |
| Livestock       | 111005150 | K | 1005 | 1005 | K | 150 | 14 | 15016      |
| Livestock       | 111005150 | K | 1005 | 1005 | K | 150 | 14 | 15022      |
| Bay City        | 110061000 | K | 61   | 41   | K | 161 | 13 | 16115      |
| Markham         | 110564000 | K | 564  | 909  | K | 161 | 13 | 16115      |
| Palacios        | 110668000 | K | 668  | 449  | K | 161 | 15 | 16115      |
| Van Vleck       | 110927000 | K | 927  | 621  | K | 161 | 13 | 16115      |
| County (Other)  | 110996161 | K | 996  | 757  | K | 161 | 13 | 16115      |
| County (Other)  | 110996161 | K | 996  | 757  | K | 161 | 14 | 16115      |
| County (Other)  | 110996161 | K | 996  | 757  | K | 161 | 15 | 16115      |
| Manufacturing   | 111001161 | K | 1001 | 1001 | K | 161 | 13 | 16115      |
| Manufacturing   | 111001161 | K | 1001 | 1001 |   |     | 14 | 140B0      |
| Manufacturing   | 111001161 | K | 1001 | 1001 | K | 161 | 14 | 16115      |
| Manufacturing   | 111001161 | K | 1001 | 1001 | K | 161 | 15 | 16115      |
| Steam Electric  | 111002161 | K | 1002 | 1002 | K |     | 14 | 3461405437 |
| Steam Electric  | 111002161 | K | 1002 | 1002 |   |     | 14 | 140B0      |
| Steam Electric  | 111002161 | K | 1002 | 1002 | K | 161 | 14 | 16115      |
| Mining          | 111003161 | K | 1003 | 1003 | K | 161 | 13 | 16115      |
| Mining          | 111003161 | K | 1003 | 1003 | K | 161 | 14 | 16115      |
| Mining          | 111003161 | K | 1003 | 1003 | K | 161 | 15 | 16115      |
| Irrigation      | 111004161 | K | 1004 | 1004 | K |     | 13 | 161996     |
| Irrigation      | 111004161 | K | 1004 | 1004 |   |     | 14 | 140B0      |
| Irrigation      | 111004161 | K | 1004 | 1004 | K | 161 | 13 | 16115      |
| Irrigation      | 111004161 | K | 1004 | 1004 | K |     | 14 | 161996     |
| Irrigation      | 111004161 | K | 1004 | 1004 |   |     | 14 | 140B0      |
| Irrigation      | 111004161 | K | 1004 | 1004 | K | 161 | 14 | 16115      |

|                |           |   |      |      |   |     |    |             |
|----------------|-----------|---|------|------|---|-----|----|-------------|
| Irrigation     | 111004161 | K | 1004 | 1004 | K |     | 15 | 161996      |
| Irrigation     | 111004161 | K | 1004 | 1004 |   |     | 14 | 140B0       |
| Irrigation     | 111004161 | K | 1004 | 1004 | K | 161 | 15 | 16115       |
| Livestock      | 111005161 | K | 1005 | 1005 | K |     | 13 | 13997       |
| Livestock      | 111005161 | K | 1005 | 1005 | K | 161 | 13 | 16115       |
| Livestock      | 111005161 | K | 1005 | 1005 | K |     | 14 | 14997       |
| Livestock      | 111005161 | K | 1005 | 1005 | K | 161 | 14 | 16115       |
| Livestock      | 111005161 | K | 1005 | 1005 | K |     | 15 | 15997       |
| Livestock      | 111005161 | K | 1005 | 1005 | K | 161 | 15 | 16115       |
| Goldthwaite    | 110346000 | K | 346  | 239  | K |     | 14 | 14350       |
| Goldthwaite    | 110346000 | K | 346  | 239  | K | 167 | 14 | 16728       |
| County (Other) | 110996167 | K | 996  | 757  | K | 167 | 12 | 16728       |
| County (Other) | 110996167 | K | 996  | 757  | K | 167 | 14 | 16728       |
| Mining         | 111003167 | K | 1003 | 1003 | K | 167 | 12 | 16722       |
| Mining         | 111003167 | K | 1003 | 1003 | K | 167 | 12 | 16728       |
| Mining         | 111003167 | K | 1003 | 1003 | K | 167 | 14 | 16722       |
| Mining         | 111003167 | K | 1003 | 1003 | K | 167 | 14 | 16728       |
| Irrigation     | 111004167 | K | 1004 | 1004 | K | 167 | 12 | 16722       |
| Irrigation     | 111004167 | K | 1004 | 1004 | K | 167 | 12 | 16728       |
| Irrigation     | 111004167 | K | 1004 | 1004 | K |     | 14 | 167996      |
| Irrigation     | 111004167 | K | 1004 | 1004 | K | 167 | 14 | 16722       |
| Irrigation     | 111004167 | K | 1004 | 1004 | K | 167 | 14 | 16728       |
| Livestock      | 111005167 | K | 1005 | 1005 | K |     | 12 | 12997       |
| Livestock      | 111005167 | K | 1005 | 1005 | K | 167 | 12 | 16722       |
| Livestock      | 111005167 | K | 1005 | 1005 | K | 167 | 12 | 16728       |
| Livestock      | 111005167 | K | 1005 | 1005 | K |     | 14 | 14997       |
| Livestock      | 111005167 | K | 1005 | 1005 | K | 167 | 14 | 16722       |
| Livestock      | 111005167 | K | 1005 | 1005 | K | 167 | 14 | 16728       |
| San Saba       | 110799000 | K | 799  | 538  | K | 206 | 14 | 20614       |
| County (Other) | 110996206 | K | 996  | 757  | K | 206 | 14 | 20614       |
| County (Other) | 110996206 | K | 996  | 757  | K | 206 | 14 | 20616       |
| County (Other) | 110996206 | K | 996  | 757  | K | 206 | 14 | 20619       |
| County (Other) | 110996206 | K | 996  | 757  | K | 206 | 14 | 20622       |
| Manufacturing  | 111001206 | K | 1001 | 1001 | K | 206 | 14 | 20616       |
| Manufacturing  | 111001206 | K | 1001 | 1001 | K | 206 | 14 | 20619       |
| Mining         | 111003206 | K | 1003 | 1003 | K | 206 | 14 | 20616       |
| Mining         | 111003206 | K | 1003 | 1003 | K | 206 | 14 | 20619       |
| Mining         | 111003206 | K | 1003 | 1003 | K | 206 | 14 | 20622       |
| Irrigation     | 111004206 | K | 1004 | 1004 | K |     | 14 | 206996      |
| Irrigation     | 111004206 | K | 1004 | 1004 | K | 206 | 14 | 20616       |
| Irrigation     | 111004206 | K | 1004 | 1004 | K | 206 | 14 | 20619       |
| Irrigation     | 111004206 | K | 1004 | 1004 | K | 206 | 14 | 20622       |
| Livestock      | 111005206 | K | 1005 | 1005 | K |     | 14 | 14997       |
| Livestock      | 111005206 | K | 1005 | 1005 | K | 206 | 14 | 20616       |
| Livestock      | 111005206 | K | 1005 | 1005 | K | 206 | 14 | 20619       |
| Livestock      | 111005206 | K | 1005 | 1005 | K | 206 | 14 | 20622       |
| Anderson Mill  | 110025000 | K | 25   | 812  |   |     | 14 | 140B0       |
| Austin         | 110045000 | K | 45   | 30   | K |     | 14 | 3461405471A |
| Austin         | 110045000 | K | 45   | 30   | K |     | 14 | 3461405489A |
| Austin         | 110045000 | K | 45   | 30   |   |     | 14 | 140B0       |
| Garfield CDP   | 110333000 | K | 333  | 774  | K | 227 | 14 | 22722       |
| Jonestown      | 110452000 | K | 452  | 783  |   |     | 14 | 140B0       |

|                    |           |   |      |      |   |     |    |             |
|--------------------|-----------|---|------|------|---|-----|----|-------------|
| Manor              | 110459000 | K | 459  | 720  | K | 227 | 14 | 22722       |
| Lago Vista         | 110496000 | K | 496  | 787  |   |     | 14 | 140B0       |
| Lakeway            | 110506000 | K | 506  | 789  |   |     | 14 | 140B0       |
| Manor              | 110558000 | K | 558  | 720  | K | 227 | 14 | 22722       |
| Pflugerville       | 110692000 | K | 692  | 796  |   |     | 14 | MWP41010    |
| Pflugerville       | 110692000 | K | 692  | 796  | K | 227 | 14 | 22711       |
| Rollingwood        | 110768000 | K | 768  | 741  |   |     | 14 | MWP41010    |
| Round Rock         | 110776000 | K | 776  | 520  |   |     | 14 | MWP41010    |
| Wells Branch (CDP) | 110949000 | K | 949  | 987  |   |     | 14 | MWP41010    |
| West Lake Hills    | 110953000 | K | 953  | 641  |   |     | 14 | MWP41010    |
| County (Other)     | 110996227 | K | 996  | 757  | K | 227 | 12 | 22711       |
| County (Other)     | 110996227 | K | 996  | 757  |   |     | 14 | 140B0       |
| County (Other)     | 110996227 | K | 996  | 757  |   |     | 14 | MWP41010    |
| County (Other)     | 110996227 | K | 996  | 757  | K | 227 | 14 | 22711       |
| County (Other)     | 110996227 | K | 996  | 757  | K | 227 | 14 | 22722       |
| County (Other)     | 110996227 | K | 996  | 757  | K | 227 | 14 | 22728       |
| County (Other)     | 110996227 | K | 996  | 757  | K | 227 | 18 | 22722       |
| Manufacturing      | 111001227 | K | 1001 | 1001 |   |     | 14 | MWP41010    |
| Manufacturing      | 111001227 | K | 1001 | 1001 | K | 227 | 14 | 22711       |
| Manufacturing      | 111001227 | K | 1001 | 1001 | K | 227 | 14 | 22722       |
| Manufacturing      | 111001227 | K | 1001 | 1001 | K | 227 | 18 | 22722       |
| Steam Electric     | 111002227 | K | 1002 | 1002 | K |     | 14 | 3461405471A |
| Steam Electric     | 111002227 | K | 1002 | 1002 | K |     | 14 | 3461405489A |
| Steam Electric     | 111002227 | K | 1002 | 1002 | K |     | 14 | 14250       |
| Steam Electric     | 111002227 | K | 1002 | 1002 |   |     | 14 | 140B0       |
| Steam Electric     | 111002227 | K | 1002 | 1002 | K | 227 | 14 | 22728       |
| Mining             | 111003227 | K | 1003 | 1003 | K | 227 | 12 | 22711       |
| Mining             | 111003227 | K | 1003 | 1003 | K |     | 14 | 14999       |
| Mining             | 111003227 | K | 1003 | 1003 | K | 227 | 14 | 22711       |
| Mining             | 111003227 | K | 1003 | 1003 | K | 227 | 14 | 22722       |
| Mining             | 111003227 | K | 1003 | 1003 | K | 227 | 14 | 22728       |
| Mining             | 111003227 | K | 1003 | 1003 | K | 227 | 18 | 22722       |
| Irrigation         | 111004227 | K | 1004 | 1004 | K | 227 | 12 | 22711       |
| Irrigation         | 111004227 | K | 1004 | 1004 | K |     | 14 | 227996      |
| Irrigation         | 111004227 | K | 1004 | 1004 | K | 227 | 14 | 22711       |
| Irrigation         | 111004227 | K | 1004 | 1004 | K | 227 | 14 | 22722       |
| Irrigation         | 111004227 | K | 1004 | 1004 | K | 227 | 14 | 22728       |
| Irrigation         | 111004227 | K | 1004 | 1004 | K | 227 | 18 | 22722       |
| Livestock          | 111005227 | K | 1005 | 1005 | K | 227 | 12 | 22711       |
| Livestock          | 111005227 | K | 1005 | 1005 | K |     | 14 | 14997       |
| Livestock          | 111005227 | K | 1005 | 1005 | K | 227 | 14 | 22711       |
| Livestock          | 111005227 | K | 1005 | 1005 | K | 227 | 14 | 22722       |
| Livestock          | 111005227 | K | 1005 | 1005 | K | 227 | 14 | 22728       |
| Livestock          | 111005227 | K | 1005 | 1005 | K |     | 18 | 18997       |
| Livestock          | 111005227 | K | 1005 | 1005 | K | 227 | 18 | 22722       |
| Boling-Iago        | 110097000 | K | 97   | 830  | K | 241 | 13 | 24115       |
| East Bernard       | 110261000 | K | 261  | 176  | K | 241 | 13 | 24115       |
| Wharton            | 110960000 | K | 960  | 645  | K | 241 | 13 | 24115       |
| Wharton            | 110960000 | K | 960  | 645  | K | 241 | 14 | 24115       |
| County (Other)     | 110996241 | K | 996  | 757  | K | 241 | 13 | 24115       |
| County (Other)     | 110996241 | K | 996  | 757  | K | 241 | 14 | 24115       |

|                |           |   |      |      |   |     |    |             |
|----------------|-----------|---|------|------|---|-----|----|-------------|
| County (Other) | 110996241 | K | 996  | 757  | K | 241 | 15 | 24115       |
| Manufacturing  | 111001241 | K | 1001 | 1001 | K | 241 | 13 | 24115       |
| Manufacturing  | 111001241 | K | 1001 | 1001 | K | 241 | 14 | 24115       |
| Manufacturing  | 111001241 | K | 1001 | 1001 | K | 241 | 15 | 24115       |
| Mining         | 111003241 | K | 1003 | 1003 | K |     | 13 | 13999       |
| Mining         | 111003241 | K | 1003 | 1003 | K | 241 | 13 | 24115       |
| Mining         | 111003241 | K | 1003 | 1003 | K | 241 | 14 | 24115       |
| Mining         | 111003241 | K | 1003 | 1003 | K | 241 | 15 | 24115       |
| Irrigation     | 111004241 | K | 1004 | 1004 | K |     | 14 | 3461405475A |
| Irrigation     | 111004241 | K | 1004 | 1004 | K |     | 13 | 241996      |
| Irrigation     | 111004241 | K | 1004 | 1004 |   |     | 14 | 140B0       |
| Irrigation     | 111004241 | K | 1004 | 1004 | K | 241 | 13 | 24115       |
| Irrigation     | 111004241 | K | 1004 | 1004 | K |     | 14 | 241996      |
| Irrigation     | 111004241 | K | 1004 | 1004 |   |     | 14 | 140B0       |
| Irrigation     | 111004241 | K | 1004 | 1004 | K | 241 | 14 | 24115       |
| Irrigation     | 111004241 | K | 1004 | 1004 | K | 241 | 15 | 24115       |
| Livestock      | 111005241 | K | 1005 | 1005 | K |     | 13 | 13997       |
| Livestock      | 111005241 | K | 1005 | 1005 | K | 241 | 13 | 24115       |
| Livestock      | 111005241 | K | 1005 | 1005 | K |     | 14 | 14997       |
| Livestock      | 111005241 | K | 1005 | 1005 | K | 241 | 14 | 24115       |
| Livestock      | 111005241 | K | 1005 | 1005 | K |     | 15 | 15997       |
| Livestock      | 111005241 | K | 1005 | 1005 | K | 241 | 15 | 24115       |
| Anderson Mill  | 110025000 | K | 25   | 812  |   |     | 14 | MWP41010    |
| Austin         | 110045000 | K | 45   | 30   | K |     | 14 | 3461405489A |
| Austin         | 110045000 | K | 45   | 30   | K |     | 14 | 3461405471A |
| Austin         | 110045000 | K | 45   | 30   |   |     | 14 | 140B0       |
| County (Other) | 110996246 | K | 996  | 757  | K | 246 | 12 | 24611       |
| County (Other) | 110996246 | K | 996  | 757  | K | 246 | 12 | 24622       |
| County (Other) | 110996246 | K | 996  | 757  | K | 246 | 12 | 24628       |
| County (Other) | 110996246 | K | 996  | 757  | K | 246 | 14 | 24611       |
| Manufacturing  | 111001246 | K | 1001 | 1001 | K | 246 | 12 | 24611       |
| Manufacturing  | 111001246 | K | 1001 | 1001 | K | 246 | 12 | 24622       |
| Steam Electric | 111002246 | K | 1002 | 1002 | K | 246 | 12 | 24622       |
| Mining         | 111003246 | K | 1003 | 1003 | K | 246 | 12 | 24611       |
| Mining         | 111003246 | K | 1003 | 1003 | K | 246 | 12 | 24622       |
| Mining         | 111003246 | K | 1003 | 1003 | K | 246 | 12 | 24628       |
| Mining         | 111003246 | K | 1003 | 1003 | K | 246 | 14 | 24611       |
| Mining         | 111003246 | K | 1003 | 1003 | K | 246 | 14 | 24622       |
| Mining         | 111003246 | K | 1003 | 1003 | K | 246 | 14 | 24628       |
| Irrigation     | 111004246 | K | 1004 | 1004 | K | 246 | 12 | 24611       |
| Irrigation     | 111004246 | K | 1004 | 1004 | K | 246 | 12 | 24622       |
| Irrigation     | 111004246 | K | 1004 | 1004 | K | 246 | 12 | 24628       |
| Irrigation     | 111004246 | K | 1004 | 1004 | K | 246 | 14 | 24611       |
| Irrigation     | 111004246 | K | 1004 | 1004 | K | 246 | 14 | 24622       |
| Irrigation     | 111004246 | K | 1004 | 1004 | K | 246 | 14 | 24628       |
| Livestock      | 111005246 | K | 1005 | 1005 | K | 246 | 12 | 24611       |
| Livestock      | 111005246 | K | 1005 | 1005 | K | 246 | 12 | 24622       |
| Livestock      | 111005246 | K | 1005 | 1005 | K | 246 | 12 | 24628       |
| Livestock      | 111005246 | K | 1005 | 1005 | K |     | 14 | 14997       |
| Livestock      | 111005246 | K | 1005 | 1005 | K | 246 | 14 | 24611       |

Red text denotes changes made by errata 7/30/01.

TWDB = Texas Water Development Board

A-ALL = TWDB allocation tables

LIMIT = Volume limitation based on TWDB allocation

% & Tbl 4 = Percent of available supply identified in Table 4 based on TWDB allocation

LCRA = Lower Colorado River Authority modeling results

Demand = Based on historic use

COA = City of Austin



**WATER SUPPLIES AVAILABLE BY WUG  
 DB TABLE 5  
 REGIONAL PLANNING AREA (REGION K)**

| N                    | O                                  | P                                  | Q                                  | R                                  | S                                  | T                                  |
|----------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Specific Source Name | Year 2000<br>SUPPLY (ac-<br>ft/yr) | Year 2010<br>SUPPLY (ac-<br>ft/yr) | Year 2020<br>SUPPLY (ac-<br>ft/yr) | Year 2030<br>SUPPLY (ac-<br>ft/yr) | Year 2040<br>SUPPLY (ac-<br>ft/yr) | Year 2050<br>SUPPLY (ac-<br>ft/yr) |
| Other Aquifer        | 1307                               | 1529                               | 1750                               | 2005                               | 2155                               | 2646                               |
| Carrizo-Wilcox       | 1014                               | 1113                               | 1226                               | 1374                               | 1442                               | 1736                               |
| Other Aquifer        | 42                                 | 42                                 | 42                                 | 42                                 | 42                                 | 42                                 |
| Carrizo-Wilcox       | 794                                | 830                                | 922                                | 1025                               | 1072                               | 1283                               |
| Carrizo-Wilcox       | 304                                | 363                                | 422                                | 486                                | 524                                | 536                                |
| Other Aquifer        | 1                                  | 1                                  | 1                                  | 1                                  | 1                                  | 1                                  |
| Queen City           | 12                                 | 12                                 | 12                                 | 12                                 | 12                                 | 12                                 |
| Carrizo-Wilcox       | 5612                               | 6655                               | 7698                               | 8829                               | 9495                               | 9711                               |
| Queen City           | 50                                 | 50                                 | 50                                 | 50                                 | 50                                 | 50                                 |
| Queen City           | 196                                | 196                                | 196                                | 196                                | 196                                | 196                                |
| Carrizo-Wilcox       | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  |
| Local Supply Source  | 2                                  | 2                                  | 2                                  | 3                                  | 3                                  | 3                                  |
| Carrizo-Wilcox       | 31                                 | 38                                 | 46                                 | 54                                 | 64                                 | 75                                 |
| Carrizo-Wilcox       | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  |
| Bastrop              | 1000                               | 1000                               | 1000                               | 1000                               | 1000                               | 1000                               |
| Highland Lakes       | 10750                              | 10750                              | 10750                              | 10750                              | 10750                              | 10750                              |
| Carrizo-Wilcox       | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  |
| Other Aquifer        | 62                                 | 62                                 | 62                                 | 62                                 | 62                                 | 62                                 |
| Queen City           | 23                                 | 23                                 | 23                                 | 23                                 | 23                                 | 23                                 |
| Sparta               | 5                                  | 5                                  | 5                                  | 5                                  | 5                                  | 5                                  |
| Local Supply Source  | 12                                 | 10                                 | 8                                  | 7                                  | 7                                  | 9                                  |
| Carrizo-Wilcox       | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  |
| Other Aquifer        | 890                                | 890                                | 890                                | 890                                | 890                                | 890                                |
| Queen City           | 213                                | 213                                | 213                                | 213                                | 213                                | 213                                |
| Sparta               | 500                                | 500                                | 500                                | 500                                | 500                                | 500                                |
| Carrizo-Wilcox       | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  |
| Other Aquifer        | 48                                 | 48                                 | 48                                 | 48                                 | 48                                 | 48                                 |
| Queen City           | 40                                 | 40                                 | 40                                 | 40                                 | 40                                 | 40                                 |
| Sparta               | 34                                 | 34                                 | 34                                 | 34                                 | 34                                 | 34                                 |
| Carrizo-Wilcox       | 3                                  | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  |
| Queen City           | 23                                 | 23                                 | 23                                 | 23                                 | 23                                 | 23                                 |
| Sparta               | 5                                  | 5                                  | 5                                  | 5                                  | 5                                  | 5                                  |
| Local Supply Source  | 750                                | 750                                | 750                                | 750                                | 750                                | 750                                |
| Highland Lakes       | 892                                | 850                                | 0                                  | 0                                  | 0                                  | 0                                  |
| Carrizo-Wilcox       | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  |
| Queen City           | 213                                | 213                                | 213                                | 213                                | 213                                | 213                                |
| Sparta               | 500                                | 500                                | 500                                | 500                                | 500                                | 500                                |
| Carrizo-Wilcox       | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  |
| Queen City           | 40                                 | 40                                 | 40                                 | 40                                 | 40                                 | 40                                 |
| Sparta               | 34                                 | 34                                 | 34                                 | 34                                 | 34                                 | 34                                 |
| Local Supply Source  | 154                                | 154                                | 154                                | 154                                | 154                                | 154                                |
| Carrizo-Wilcox       | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  | 0                                  |
| Other Aquifer        | 7                                  | 7                                  | 7                                  | 7                                  | 7                                  | 7                                  |

|                           |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|
| Queen City                | 141  | 141  | 141  | 141  | 141  | 141  |
| Sparta                    | 39   | 39   | 39   | 39   | 39   | 39   |
| Local Supply Source       | 696  | 696  | 696  | 696  | 696  | 696  |
| Carrizo-Wilcox            | 0    | 0    | 0    | 0    | 0    | 0    |
| Other Aquifer             | 98   | 98   | 98   | 98   | 98   | 98   |
| Queen City                | 1322 | 1322 | 1322 | 1322 | 1322 | 1322 |
| Sparta                    | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| Local Supply Source       | 5    | 5    | 5    | 5    | 5    | 5    |
| Carrizo-Wilcox            | 0    | 0    | 0    | 0    | 0    | 0    |
| Other Aquifer             | 5    | 5    | 5    | 5    | 5    | 5    |
| Queen City                | 125  | 125  | 125  | 125  | 125  | 125  |
| Sparta                    | 272  | 272  | 272  | 272  | 272  | 272  |
| Blanco Reservoir          | 300  | 300  | 300  | 300  | 300  | 300  |
| Trinity                   | 25   | 25   | 25   | 25   | 25   | 25   |
| Ellenburger-San Saba      | 887  | 887  | 887  | 887  | 887  | 887  |
| Local Supply Source       | 37   | 43   | 49   | 55   | 57   | 56   |
| Ellenburger-San Saba      | 150  | 150  | 150  | 150  | 150  | 150  |
| Hickory                   | 60   | 60   | 60   | 60   | 60   | 60   |
| Other Aquifer             | 30   | 30   | 30   | 30   | 30   | 30   |
| Trinity                   | 1149 | 1149 | 1149 | 1149 | 1149 | 942  |
| Edwards-Trinity (Plateau) | 50   | 50   | 50   | 50   | 50   | 50   |
| Trinity                   | 211  | 211  | 211  | 211  | 211  | 173  |
| Trinity                   | 9    | 9    | 9    | 9    | 9    | 7    |
| Ellenburger-San Saba      | 285  | 285  | 285  | 285  | 285  | 285  |
| Other Aquifer             | 8970 | 8970 | 8970 | 8970 | 8970 | 8970 |
| Trinity                   | 43   | 43   | 43   | 43   | 43   | 35   |
| Ellenburger-San Saba      | 667  | 667  | 667  | 667  | 667  | 667  |
| Other Aquifer             | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Local Supply Source       | 9    | 9    | 9    | 9    | 9    | 9    |
| Trinity                   | 89   | 89   | 89   | 89   | 89   | 76   |
| Local Supply Source       | 101  | 101  | 101  | 101  | 101  | 101  |
| Ellenburger-San Saba      | 749  | 749  | 749  | 749  | 749  | 749  |
| Local Supply Source       | 101  | 101  | 101  | 101  | 101  | 101  |
| Trinity                   | 69   | 69   | 69   | 69   | 69   | 56   |
| Ellenburger-San Saba      | 207  | 200  | 190  | 184  | 185  | 191  |
| Highland Lakes            | 4100 | 4100 | 4100 | 4100 | 0    | 0    |
| Ellenburger-San Saba      | 1862 | 1862 | 1862 | 1862 | 1862 | 1862 |
| Highland Lakes            | 138  | 138  | 0    | 0    | 0    | 0    |
| Other Aquifer             | 963  | 963  | 963  | 963  | 963  | 963  |
| Highland Lakes            | 830  | 830  | 830  | 0    | 0    | 0    |
| Highland Lakes            | 2000 | 2000 | 0    | 0    | 0    | 0    |
| Local Supply Source       | 486  | 486  | 486  | 486  | 486  | 486  |
| Ellenburger-San Saba      | 400  | 400  | 400  | 400  | 400  | 400  |
| Trinity                   | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Highland Lakes            | 184  | 107  | 0    | 0    | 0    | 0    |
| Ellenburger-San Saba      | 65   | 65   | 65   | 65   | 65   | 65   |
| Hickory                   | 54   | 54   | 54   | 54   | 54   | 54   |
| Marble Falls              | 21   | 21   | 21   | 21   | 21   | 21   |
| Other Aquifer             | 150  | 150  | 150  | 150  | 150  | 150  |
| Trinity                   | 227  | 227  | 227  | 192  | 192  | 157  |
| Local Supply Source       | 1237 | 1367 | 1503 | 1643 | 1761 | 1933 |
| Highland Lakes            | 500  | 500  | 500  | 500  | 500  | 500  |

|                      |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|
| Ellenburger-San Saba | 25    | 25    | 25    | 25    | 25    | 25    |
| Ellenburger-San Saba | 25    | 25    | 25    | 25    | 25    | 25    |
| Trinity              | 54    | 54    | 54    | 54    | 45    | 45    |
| Local Supply Source  | 767   | 747   | 762   | 778   | 801   | 826   |
| Ellenburger-San Saba | 25    | 25    | 25    | 25    | 25    | 25    |
| Hickory              | 315   | 315   | 315   | 315   | 315   | 315   |
| Marble Falls         | 123   | 123   | 123   | 123   | 123   | 123   |
| Other Aquifer        | 1000  | 1000  | 1000  | 1000  | 1000  | 1000  |
| Trinity              | 4     | 4     | 4     | 3     | 3     | 3     |
| Trinity              | 0     | 0     | 0     | 0     | 0     | 0     |
| Local Supply Source  | 276   | 276   | 276   | 276   | 276   | 276   |
| Highland Lakes       | 102   | 91    | 50    | 0     | 0     | 0     |
| Ellenburger-San Saba | 25    | 25    | 25    | 25    | 25    | 25    |
| Hickory              | 2397  | 2397  | 2397  | 2397  | 2397  | 2397  |
| Marble Falls         | 533   | 533   | 533   | 533   | 533   | 533   |
| Other Aquifer        | 1000  | 1000  | 1000  | 1000  | 1000  | 1000  |
| Trinity              | 104   | 104   | 104   | 88    | 88    | 72    |
| Local Supply Source  | 341   | 341   | 341   | 341   | 341   | 341   |
| Trinity              | 45    | 45    | 45    | 45    | 45    | 45    |
| Local Supply Source  | 210   | 210   | 210   | 210   | 210   | 210   |
| Ellenburger-San Saba | 25    | 25    | 25    | 25    | 25    | 25    |
| Hickory              | 189   | 189   | 189   | 189   | 189   | 189   |
| Marble Falls         | 3115  | 3115  | 3115  | 3115  | 3115  | 3115  |
| Other Aquifer        | 10    | 10    | 10    | 10    | 10    | 10    |
| Trinity              | 71    | 71    | 71    | 60    | 60    | 50    |
| Gulf Coast           | 1350  | 1350  | 1350  | 1350  | 1350  | 1350  |
| Gulf Coast           | 440   | 440   | 440   | 440   | 440   | 440   |
| Gulf Coast           | 430   | 430   | 430   | 430   | 430   | 430   |
| Gulf Coast           | 1804  | 1804  | 1804  | 1804  | 1804  | 1804  |
| Gulf Coast           | 2119  | 2119  | 2119  | 2119  | 2119  | 2119  |
| Gulf Coast           | 122   | 122   | 122   | 122   | 122   | 122   |
| Gulf Coast           | 800   | 800   | 800   | 800   | 800   | 800   |
| Gulf Coast           | 254   | 250   | 250   | 250   | 250   | 250   |
| Gulf Coast           | 27    | 27    | 27    | 27    | 27    | 27    |
| Local Supply Source  | 1143  | 1215  | 1285  | 1353  | 1418  | 1481  |
| Gulf Coast           | 0     | 0     | 0     | 0     | 0     | 0     |
| Gulf Coast           | 0     | 0     | 0     | 0     | 0     | 0     |
| Gulf Coast           | 120   | 100   | 100   | 100   | 100   | 100   |
| Local Supply Source  | 18920 | 10508 | 11391 | 12443 | 13785 | 15402 |
| Gulf Coast           | 0     | 0     | 0     | 0     | 0     | 0     |
| Other Aquifer        | 3500  | 3500  | 3500  | 3500  | 3500  | 3500  |
| Gulf Coast           | 1727  | 1627  | 1627  | 1627  | 1627  | 1627  |
| Local Supply Source  | 0     | 0     | 0     | 0     | 0     | 0     |
| Highland Lakes       | 10586 | 10586 | 10586 | 10586 | 10586 | 10586 |
| Gulf Coast           | 7775  | 7775  | 7775  | 7775  | 7775  | 7775  |
| Local Supply Source  | 3000  | 3000  | 3000  | 3000  | 3000  | 3000  |
| Highland Lakes       | 2594  | 2594  | 2594  | 2594  | 2594  | 2594  |
| Gulf Coast           | 11191 | 11191 | 11191 | 11191 | 11191 | 11191 |
| Other Aquifer        | 1000  | 1000  | 1000  | 1000  | 1000  | 1000  |
| Local Supply Source  | 4002  | 4002  | 4002  | 4002  | 4002  | 4002  |
| Highland Lakes       | 21820 | 21820 | 21820 | 21820 | 21820 | 21820 |
| Gulf Coast           | 14050 | 14050 | 14050 | 14050 | 14050 | 14050 |

|                      |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|
| Local Supply Source  | 39    | 39    | 39    | 39    | 39    | 39    |
| Gulf Coast           | 65    | 65    | 65    | 65    | 65    | 65    |
| Local Supply Source  | 860   | 860   | 860   | 860   | 860   | 860   |
| Gulf Coast           | 25    | 25    | 25    | 25    | 25    | 25    |
| Local Supply Source  | 177   | 177   | 177   | 177   | 177   | 177   |
| Gulf Coast           | 283   | 283   | 283   | 283   | 283   | 283   |
| Other Aquifer        | 500   | 500   | 500   | 500   | 500   | 500   |
| Gulf Coast           | 40    | 40    | 40    | 40    | 40    | 40    |
| Queen City           | 944   | 944   | 944   | 944   | 944   | 944   |
| Sparta               | 1850  | 1850  | 1850  | 1850  | 1850  | 1850  |
| Gulf Coast           | 2119  | 2119  | 2119  | 2119  | 2119  | 2119  |
| Gulf Coast           | 0.01  | 0.01  | 0.01  | 0.01  | 0.01  | 0.01  |
| Other Aquifer        | 4     | 4     | 4     | 4     | 4     | 4     |
| Gulf Coast           | 1000  | 1000  | 1000  | 1000  | 1000  | 1000  |
| Other Aquifer        | 737   | 737   | 737   | 737   | 737   | 737   |
| Queen City           | 90    | 90    | 90    | 90    | 90    | 90    |
| Sparta               | 220   | 220   | 220   | 220   | 220   | 220   |
| Gulf Coast           | 563   | 563   | 563   | 563   | 563   | 563   |
| Gulf Coast           | 76.0  | 76.0  | 76.0  | 76.0  | 76.0  | 76.0  |
| Other Aquifer        | 1     | 1     | 1     | 1     | 1     | 1     |
| Sparta               | 90    | 90    | 90    | 90    | 90    | 90    |
| Gulf Coast           | 0     | 0     | 0     | 0     | 0     | 0     |
| Other Aquifer        | 15    | 15    | 15    | 15    | 15    | 15    |
| Gulf Coast           | 152   | 152   | 152   | 152   | 152   | 152   |
| Other Aquifer        | 4     | 4     | 4     | 4     | 4     | 4     |
| Sparta               | 8     | 8     | 8     | 8     | 8     | 8     |
| Gulf Coast           | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   |
| Other Aquifer        | 1     | 1     | 1     | 1     | 1     | 1     |
| Sparta               | 22    | 22    | 22    | 22    | 22    | 22    |
| Lake Fayette         | 1400  | 1400  | 1400  | 1400  | 1400  | 1400  |
| City of Austin - ROR | 2612  | 2612  | 2612  | 2612  | 2612  | 2612  |
| Highland Lakes       | 38101 | 38101 | 38101 | 38101 | 38101 | 38101 |
| Highland Lakes       | 3500  | 3500  | 3500  | 3500  | 3500  | 3500  |
| Gulf Coast           | 63.00 | 42.00 | 25.00 | 7.00  | 1.00  | 0.00  |
| Carrizo-Wilcox       | 0     | 0     | 0     | 0     | 0     | 0     |
| Gulf Coast           | 103   | 103   | 103   | 103   | 103   | 103   |
| Other Aquifer        | 737   | 737   | 737   | 737   | 737   | 737   |
| Sparta               | 367   | 367   | 367   | 367   | 367   | 367   |
| Gulf Coast           | 10    | 10    | 10    | 10    | 10    | 10    |
| Other Aquifer        | 190   | 190   | 190   | 190   | 190   | 190   |
| Sparta               | 24    | 24    | 24    | 24    | 24    | 24    |
| Gulf Coast           | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |
| Other Aquifer        | 73    | 73    | 73    | 73    | 73    | 73    |
| Sparta               | 60    | 60    | 60    | 60    | 60    | 60    |
| Gulf Coast           | 0.60  | 0.60  | 0.60  | 0.60  | 0.60  | 0.60  |
| Local Supply Source  | 534   | 534   | 534   | 534   | 534   | 534   |
| Highland Lakes       | 97    | 12    | 0     | 0     | 0     | 0     |
| Carrizo-Wilcox       | 29    | 29    | 29    | 29    | 29    | 29    |
| Gulf Coast           | 150   | 150   | 150   | 150   | 150   | 150   |
| Other Aquifer        | 37    | 37    | 37    | 37    | 37    | 37    |
| Sparta               | 484   | 484   | 484   | 484   | 484   | 484   |
| Gulf Coast           | 14    | 14    | 14    | 14    | 14    | 14    |

|                           |        |        |        |        |        |        |
|---------------------------|--------|--------|--------|--------|--------|--------|
| Other Aquifer             | 3      | 3      | 3      | 3      | 3      | 3      |
| Sparta                    | 3      | 3      | 3      | 3      | 3      | 3      |
| Gulf Coast                | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    |
| Other Aquifer             | 73     | 73     | 73     | 73     | 73     | 73     |
| Sparta                    | 60     | 60     | 60     | 60     | 60     | 60     |
| Local Supply Source       | 2      | 2      | 2      | 2      | 2      | 2      |
| Local Supply Source       | 1746   | 1746   | 1746   | 1746   | 1746   | 1746   |
| Gulf Coast                | 140    | 140    | 140    | 140    | 140    | 140    |
| Other Aquifer             | 37     | 37     | 37     | 37     | 37     | 37     |
| Sparta                    | 733    | 733    | 733    | 733    | 733    | 733    |
| Local Supply Source       | 472    | 472    | 472    | 472    | 472    | 472    |
| Gulf Coast                | 176    | 176    | 176    | 176    | 176    | 176    |
| Other Aquifer             | 9      | 9      | 9      | 9      | 9      | 9      |
| Sparta                    | 71     | 71     | 71     | 71     | 71     | 71     |
| Local Supply Source       | 142    | 142    | 142    | 142    | 142    | 142    |
| Gulf Coast                | 1.6    | 1.6    | 1.6    | 1.6    | 1.6    | 1.6    |
| Other Aquifer             | 4      | 4      | 4      | 4      | 4      | 4      |
| Sparta                    | 179    | 179    | 179    | 179    | 179    | 179    |
| Hickory                   | 630    | 630    | 630    | 630    | 630    | 630    |
| Ellenburger-San Saba      | 4289.6 | 4289.6 | 4289.6 | 4289.6 | 4289.6 | 4289.6 |
| Edwards-Trinity (Plateau) | 1058   | 1058   | 1058   | 1058   | 1058   | 1058   |
| Ellenburger-San Saba      | 16.6   | 16.6   | 16.6   | 16.6   | 16.6   | 16.6   |
| Hickory                   | 100    | 100    | 100    | 100    | 100    | 100    |
| Other Aquifer             | 100    | 100    | 100    | 100    | 100    | 100    |
| Trinity                   | 24.0   | 24.0   | 24.0   | 24.0   | 24.0   | 24.0   |
| Local Supply Source       | 158    | 158    | 158    | 158    | 158    | 158    |
| Edwards-Trinity (Plateau) | 70.5   | 70.5   | 70.5   | 70.5   | 70.5   | 70.5   |
| Ellenburger-San Saba      | 570.1  | 570.1  | 570.1  | 570.1  | 570.1  | 570.1  |
| Hickory                   | 15     | 15     | 15     | 15     | 15     | 15     |
| Edwards-Trinity (Plateau) | 70.5   | 70.5   | 70.5   | 70.5   | 70.5   | 70.5   |
| Highland Lakes            | 180    | 0      | 0      | 0      | 0      | 0      |
| Edwards-Trinity (Plateau) | 70.5   | 70.5   | 70.5   | 70.5   | 70.5   | 70.5   |
| Ellenburger-San Saba      | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   | 22.1   |
| Hickory                   | 193    | 193    | 193    | 193    | 193    | 193    |
| Trinity                   | 335    | 335    | 335    | 335    | 335    | 335    |
| Trinity                   | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    |
| Local Supply Source       | 880    | 880    | 880    | 880    | 880    | 880    |
| Edwards-Trinity (Plateau) | 70.5   | 70.5   | 70.5   | 70.5   | 70.5   | 70.5   |
| Ellenburger-San Saba      | 597.8  | 597.8  | 597.8  | 597.8  | 597.8  | 597.8  |
| Hickory                   | 193    | 193    | 193    | 193    | 193    | 193    |
| Trinity                   | 2086   | 2086   | 2086   | 2086   | 2086   | 2086   |
| Trinity                   | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    |
| Local Supply Source       | 515    | 515    | 515    | 515    | 515    | 515    |
| Edwards-Trinity (Plateau) | 70.5   | 70.5   | 70.5   | 70.5   | 70.5   | 70.5   |
| Ellenburger-San Saba      | 38.7   | 38.7   | 38.7   | 38.7   | 38.7   | 38.7   |
| Hickory                   | 613    | 613    | 613    | 613    | 613    | 613    |
| Trinity                   | 932    | 932    | 932    | 932    | 932    | 932    |
| Local Supply Source       | 13     | 13     | 13     | 13     | 13     | 13     |
| Trinity                   | 20.0   | 20.0   | 20.0   | 20.0   | 20.0   | 20.0   |
| Edwards-BFZ (Austin)      | 1855   | 1855   | 1855   | 1855   | 1855   | 1855   |
| Trinity                   | 553    | 553    | 553    | 553    | 553    | 454    |
| Edwards-BFZ (Austin)      | 614    | 614    | 614    | 614    | 614    | 614    |

|                      |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|
| Other Aquifer        | 1000  | 1000  | 1000  | 1000  | 1000  | 1000  |
| Edwards-BFZ (Austin) | 922   | 922   | 922   | 922   | 922   | 922   |
| Edwards-BFZ (Austin) | 9     | 9     | 9     | 9     | 9     | 9     |
| Trinity              | 12    | 12    | 12    | 12    | 12    | 10    |
| Local Supply Source  | 41    | 41    | 41    | 41    | 41    | 41    |
| Edwards-BFZ (Austin) | 931   | 931   | 931   | 931   | 931   | 931   |
| Trinity              | 2     | 2     | 2     | 2     | 2     | 1     |
| Local Supply Source  | 192   | 192   | 192   | 192   | 192   | 192   |
| Edwards-BFZ (Austin) | 624   | 624   | 624   | 624   | 624   | 624   |
| Trinity              | 30    | 30    | 30    | 30    | 30    | 25    |
| Highland Lakes       | 497   | 497   | 0     | 0     | 0     | 0     |
| Llano Reservoir      | 400   | 400   | 400   | 400   | 400   | 400   |
| Highland Lakes       | 1741  | 1741  | 1606  | 89    | 0     | 0     |
| Ellenburger-San Saba | 120   | 120   | 120   | 120   | 120   | 120   |
| Hickory              | 45    | 45    | 45    | 45    | 45    | 45    |
| Other Aquifer        | 80    | 80    | 80    | 80    | 80    | 80    |
| Highland Lakes       | 15000 | 15000 | 15000 | 15000 | 15000 | 15000 |
| Ellenburger-San Saba | 76    | 76    | 76    | 76    | 76    | 76    |
| Hickory              | 1252  | 1252  | 1252  | 1252  | 1252  | 1252  |
| Other Aquifer        | 8420  | 8420  | 8420  | 8420  | 8420  | 8420  |
| Local Supply Source  | 440   | 440   | 440   | 440   | 440   | 440   |
| Highland Lakes       | 986   | 982   | 0     | 0     | 0     | 0     |
| Ellenburger-San Saba | 76    | 76    | 76    | 76    | 76    | 76    |
| Hickory              | 10051 | 10051 | 10051 | 10051 | 10051 | 10051 |
| Other Aquifer        | 1000  | 1000  | 1000  | 1000  | 1000  | 1000  |
| Local Supply Source  | 393   | 393   | 393   | 393   | 393   | 393   |
| Ellenburger-San Saba | 8     | 8     | 8     | 8     | 8     | 8     |
| Hickory              | 288   | 288   | 288   | 288   | 288   | 288   |
| Other Aquifer        | 500   | 500   | 500   | 500   | 500   | 500   |
| Gulf Coast           | 6255  | 6255  | 6255  | 6255  | 6255  | 6255  |
| Gulf Coast           | 789   | 789   | 789   | 789   | 789   | 789   |
| Gulf Coast           | 2152  | 2152  | 2152  | 2152  | 2152  | 2152  |
| Gulf Coast           | 959   | 959   | 959   | 959   | 959   | 959   |
| Gulf Coast           | 1058  | 1058  | 1058  | 1058  | 1058  | 1058  |
| Gulf Coast           | 250   | 250   | 250   | 250   | 250   | 250   |
| Gulf Coast           | 3904  | 3904  | 3904  | 3904  | 3904  | 3904  |
| Gulf Coast           | 1823  | 1823  | 1823  | 1823  | 1823  | 1823  |
| Highland Lakes       | 19043 | 0     | 0     | 0     | 0     | 0     |
| Gulf Coast           | 929   | 929   | 929   | 929   | 929   | 929   |
| Gulf Coast           | 2537  | 2537  | 2537  | 2537  | 2537  | 2537  |
| HL&P ROR             | 41320 | 41320 | 41320 | 41320 | 41320 | 41320 |
| Highland Lakes       | 5680  | 5680  | 5680  | 5680  | 0     | 0     |
| Gulf Coast           | 443   | 443   | 443   | 443   | 443   | 443   |
| Gulf Coast           | 182   | 182   | 182   | 182   | 182   | 182   |
| Gulf Coast           | 0     | 0     | 0     | 0     | 0     | 0     |
| Gulf Coast           | 664   | 664   | 664   | 664   | 664   | 664   |
| Local Supply Source  | 4000  | 4000  | 4000  | 4000  | 4000  | 4000  |
| Highland Lakes       | 0     | 0     | 0     | 0     | 0     | 0     |
| Gulf Coast           | 4082  | 4082  | 4082  | 4082  | 4082  | 4082  |
| Local Supply Source  | 900   | 900   | 900   | 900   | 900   | 900   |
| Highland Lakes       | 0     | 0     | 0     | 0     | 0     | 0     |
| Gulf Coast           | 1389  | 1389  | 1389  | 1389  | 1389  | 1389  |

|                       |        |        |        |        |        |        |
|-----------------------|--------|--------|--------|--------|--------|--------|
| Local Supply Source   | 4000   | 4000   | 4000   | 4000   | 4000   | 4000   |
| Highland Lakes        | 0      | 0      | 0      | 0      | 0      | 0      |
| Gulf Coast            | 7108   | 7108   | 7108   | 7108   | 7108   | 7108   |
| Local Supply Source   | 206    | 206    | 206    | 206    | 206    | 206    |
| Gulf Coast            | 875    | 875    | 875    | 875    | 875    | 875    |
| Local Supply Source   | 25     | 25     | 25     | 25     | 25     | 25     |
| Gulf Coast            | 171    | 171    | 171    | 171    | 171    | 171    |
| Local Supply Source   | 215    | 215    | 215    | 215    | 215    | 215    |
| Gulf Coast            | 215    | 215    | 215    | 215    | 215    | 215    |
| Goldthwaite Reservoir | 400    | 400    | 400    | 400    | 400    | 400    |
| Trinity               | 41     | 41     | 41     | 41     | 41     | 41     |
| Trinity               | 259    | 259    | 259    | 227    | 227    | 186    |
| Trinity               | 336    | 336    | 336    | 295    | 295    | 242    |
| Other Aquifer         | 388    | 388    | 388    | 388    | 388    | 388    |
| Trinity               | 143    | 143    | 143    | 125    | 125    | 103    |
| Other Aquifer         | 612    | 612    | 612    | 612    | 612    | 612    |
| Trinity               | 133    | 133    | 133    | 117    | 117    | 96     |
| Other Aquifer         | 388    | 388    | 388    | 388    | 388    | 388    |
| Trinity               | 143    | 143    | 143    | 125    | 125    | 103    |
| Local Supply Source   | 2378   | 2378   | 2378   | 2378   | 2378   | 2378   |
| Other Aquifer         | 612    | 612    | 612    | 612    | 612    | 612    |
| Trinity               | 76     | 76     | 76     | 66     | 66     | 54     |
| Local Supply Source   | 0      | 0      | 0      | 0      | 0      | 0      |
| Other Aquifer         | 31     | 31     | 31     | 31     | 31     | 31     |
| Trinity               | 438    | 438    | 438    | 438    | 438    | 438    |
| Local Supply Source   | 314    | 314    | 314    | 314    | 314    | 314    |
| Other Aquifer         | 49     | 49     | 49     | 49     | 49     | 49     |
| Trinity               | 407    | 407    | 407    | 357    | 357    | 293    |
| Ellenburger-San Saba  | 2240   | 2240   | 2240   | 2240   | 2240   | 2240   |
| Ellenburger-San Saba  | 7950   | 7950   | 7950   | 7950   | 7950   | 7950   |
| Hickory               | 50     | 50     | 50     | 50     | 50     | 50     |
| Marble Falls          | 250    | 250    | 250    | 250    | 250    | 250    |
| Other Aquifer         | 60     | 60     | 60     | 60     | 60     | 60     |
| Hickory               | 144    | 144    | 144    | 144    | 144    | 144    |
| Marble Falls          | 2612   | 2612   | 2612   | 2612   | 2612   | 2612   |
| Hickory               | 301    | 301    | 301    | 301    | 301    | 301    |
| Marble Falls          | 1238   | 1238   | 1238   | 1238   | 1238   | 1238   |
| Other Aquifer         | 1000   | 1000   | 1000   | 1000   | 1000   | 1000   |
| Local Supply Source   | 8800   | 8800   | 8800   | 8800   | 8800   | 8800   |
| Hickory               | 4715   | 4715   | 4715   | 4715   | 4715   | 4715   |
| Marble Falls          | 4643   | 4643   | 4643   | 4643   | 4643   | 4643   |
| Other Aquifer         | 1000   | 1000   | 1000   | 1000   | 1000   | 1000   |
| Local Supply Source   | 224    | 224    | 224    | 224    | 224    | 224    |
| Hickory               | 994    | 994    | 994    | 994    | 994    | 994    |
| Marble Falls          | 2612   | 2612   | 2612   | 2612   | 2612   | 2612   |
| Other Aquifer         | 300    | 300    | 300    | 300    | 300    | 300    |
| Highland Lakes        | 36     | 0      | 0      | 0      | 0      | 0      |
| City of Austin - ROR  | 137044 | 137044 | 137044 | 137044 | 137044 | 137044 |
| City of Austin - ROR  | 6101   | 6101   | 6101   | 6101   | 6101   | 6101   |
| Highland Lakes        | 123784 | 123784 | 123784 | 123784 | 123784 | 123784 |
| Other Aquifer         | 505    | 505    | 505    | 505    | 505    | 505    |
| Highland Lakes        | 360    | 360    | 360    | 360    | 0      | 0      |

|                      |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|
| Other Aquifer        | 0     | 0     | 0     | 0     | 0     | 0     |
| Highland Lakes       | 6500  | 6500  | 6500  | 0     | 0     | 0     |
| Highland Lakes       | 1688  | 1688  | 0     | 0     | 0     | 0     |
| Other Aquifer        | 2620  | 2620  | 2620  | 2620  | 2620  | 2620  |
| City of Austin       | 0     | 0     | 0     | 0     | 0     | 0     |
| Edwards-BFZ (Austin) | 2585  | 2585  | 2585  | 2585  | 2585  | 2585  |
| City of Austin       | 1120  | 1120  | 1120  | 0     | 0     | 0     |
| City of Austin       | 5498  | 5439  | 5389  | 5346  | 5305  | 5269  |
| City of Austin       | 1113  | 1074  | 1013  | 0     | 0     | 0     |
| City of Austin       | 2420  | 2420  | 2420  | 0     | 0     | 0     |
| Edwards-BFZ (Austin) | 34    | 34    | 34    | 34    | 34    | 34    |
| Highland Lakes       | 42169 | 41441 | 27658 | 0     | 0     | 0     |
| City of Austin       | 3885  | 4009  | 4373  | 4742  | 4935  | 5211  |
| Edwards-BFZ (Austin) | 2585  | 2585  | 2585  | 2585  | 2585  | 2585  |
| Other Aquifer        | 1929  | 1929  | 1929  | 1929  | 1929  | 1929  |
| Trinity              | 592   | 592   | 592   | 592   | 592   | 485   |
| Other Aquifer        | 67    | 67    | 67    | 67    | 67    | 67    |
| City of Austin       | 663   | 722   | 772   | 815   | 856   | 892   |
| City of Austin       | 16523 | 18598 | 20071 | 21818 | 23901 | 26762 |
| Edwards-BFZ (Austin) | 167   | 167   | 167   | 167   | 167   | 167   |
| Other Aquifer        | 217   | 217   | 217   | 217   | 217   | 217   |
| Other Aquifer        | 0     | 0     | 0     | 0     | 0     | 0     |
| City of Austin - ROR | 4547  | 4547  | 4547  | 4547  | 4547  | 4547  |
| City of Austin - ROR | 112   | 112   | 112   | 112   | 112   | 112   |
| Walter E. Long       | 1000  | 1000  | 1000  | 1000  | 1000  | 1000  |
| Highland Lakes       | 35197 | 35197 | 35197 | 35197 | 35197 | 35197 |
| Trinity              | 3     | 3     | 3     | 3     | 3     | 3     |
| Edwards-BFZ (Austin) | 0     | 0     | 0     | 0     | 0     | 0     |
| Local Supply Source  | 4880  | 4746  | 5246  | 5791  | 6407  | 7116  |
| Edwards-BFZ (Austin) | 1591  | 1591  | 1591  | 1591  | 1591  | 1591  |
| Other Aquifer        | 1969  | 1969  | 1969  | 1969  | 1969  | 1969  |
| Trinity              | 171   | 171   | 171   | 171   | 171   | 140   |
| Other Aquifer        | 8     | 8     | 8     | 8     | 8     | 8     |
| Edwards-BFZ (Austin) | 5     | 5     | 5     | 5     | 5     | 5     |
| Local Supply Source  | 880   | 880   | 880   | 880   | 880   | 880   |
| Edwards-BFZ (Austin) | 795   | 795   | 795   | 795   | 795   | 795   |
| Other Aquifer        | 197   | 197   | 197   | 197   | 197   | 197   |
| Trinity              | 85    | 85    | 85    | 85    | 85    | 70    |
| Other Aquifer        | 8     | 8     | 8     | 8     | 8     | 8     |
| Edwards-BFZ (Austin) | 1     | 1     | 1     | 1     | 1     | 1     |
| Local Supply Source  | 870   | 870   | 870   | 870   | 870   | 870   |
| Edwards-BFZ (Austin) | 231   | 231   | 231   | 231   | 231   | 231   |
| Other Aquifer        | 226   | 226   | 226   | 226   | 226   | 226   |
| Trinity              | 2     | 2     | 2     | 2     | 2     | 1     |
| Local Supply Source  | 36    | 36    | 36    | 36    | 36    | 36    |
| Other Aquifer        | 0     | 0     | 0     | 0     | 0     | 0     |
| Gulf Coast           | 1235  | 1235  | 1235  | 1235  | 1235  | 1235  |
| Gulf Coast           | 1563  | 1563  | 1563  | 1563  | 1563  | 1563  |
| Gulf Coast           | 5636  | 5636  | 5636  | 5636  | 5636  | 5636  |
| Gulf Coast           | 540   | 540   | 540   | 540   | 540   | 540   |
| Gulf Coast           | 3071  | 3071  | 3071  | 3071  | 3071  | 3071  |
| Gulf Coast           | 1106  | 1106  | 1106  | 1106  | 1106  | 1106  |



|                       |       |       |       |       |       |       |
|-----------------------|-------|-------|-------|-------|-------|-------|
| Gulf Coast            | 299   | 299   | 299   | 299   | 299   | 299   |
| Gulf Coast            | 90    | 90    | 90    | 90    | 90    | 90    |
| Gulf Coast            | 335   | 335   | 335   | 335   | 335   | 335   |
| Gulf Coast            | 165   | 165   | 165   | 165   | 165   | 165   |
| Local Supply Source   | 1655  | 1696  | 1746  | 1793  | 1844  | 1900  |
| Gulf Coast            | 850   | 850   | 850   | 850   | 850   | 850   |
| Gulf Coast            | 1005  | 1005  | 1005  | 1005  | 1005  | 1005  |
| Gulf Coast            | 23    | 23    | 23    | 23    | 23    | 23    |
| LCRA-Pierce Ranch ROR | 0     | 0     | 0     | 0     | 0     | 0     |
| Local Supply Source   | 2000  | 2000  | 2000  | 2000  | 2000  | 2000  |
| Highland Lakes        | 9656  | 9656  | 9656  | 9656  | 9656  | 9656  |
| Gulf Coast            | 25816 | 25816 | 25816 | 25816 | 25816 | 25816 |
| Local Supply Source   | 7650  | 7650  | 7650  | 7650  | 7650  | 7650  |
| Highland Lakes        | 5344  | 5344  | 5344  | 5344  | 5344  | 5344  |
| Gulf Coast            | 29567 | 29567 | 29567 | 29567 | 29567 | 29567 |
| Gulf Coast            | 7060  | 7060  | 7060  | 7060  | 7060  | 7060  |
| Local Supply Source   | 149   | 149   | 149   | 149   | 149   | 149   |
| Gulf Coast            | 222   | 222   | 222   | 222   | 222   | 222   |
| Local Supply Source   | 115   | 115   | 115   | 115   | 115   | 115   |
| Gulf Coast            | 171   | 171   | 171   | 171   | 171   | 171   |
| Local Supply Source   | 74    | 74    | 74    | 74    | 74    | 74    |
| Gulf Coast            | 113   | 113   | 113   | 113   | 113   | 113   |
| City of Austin        | 1975  | 0     | 0     | 0     | 0     | 0     |
| City of Austin - ROR  | 1147  | 1147  | 1147  | 1147  | 1147  | 1147  |
| City of Austin - ROR  | 160   | 160   | 160   | 160   | 160   | 160   |
| Highland Lakes        | 6168  | 6168  | 6168  | 6168  | 6168  | 6168  |
| Edwards-BFZ (Austin)  | 523   | 523   | 523   | 523   | 523   | 523   |
| Other Aquifer         | 2414  | 2414  | 2414  | 2414  | 2414  | 2414  |
| Trinity               | 219   | 219   | 219   | 176   | 176   | 144   |
| Edwards-BFZ (Austin)  | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   |
| Edwards-BFZ (Austin)  | 78    | 78    | 78    | 78    | 78    | 78    |
| Other Aquifer         | 150   | 150   | 150   | 150   | 150   | 150   |
| Other Aquifer         | 150   | 150   | 150   | 150   | 150   | 150   |
| Edwards-BFZ (Austin)  | 419   | 419   | 419   | 419   | 419   | 419   |
| Other Aquifer         | 150   | 150   | 150   | 150   | 150   | 150   |
| Trinity               | 29    | 29    | 29    | 23    | 23    | 19    |
| Edwards-BFZ (Austin)  | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |
| Other Aquifer         | 311   | 311   | 311   | 311   | 311   | 311   |
| Trinity               | 15    | 15    | 15    | 12    | 12    | 10    |
| Edwards-BFZ (Austin)  | 355   | 355   | 355   | 355   | 355   | 355   |
| Other Aquifer         | 150   | 150   | 150   | 150   | 150   | 150   |
| Trinity               | 29    | 29    | 29    | 23    | 23    | 19    |
| Edwards-BFZ (Austin)  | 13.4  | 13.4  | 13.4  | 13.4  | 13.4  | 13.4  |
| Other Aquifer         | 35    | 35    | 35    | 35    | 35    | 35    |
| Trinity               | 15    | 15    | 15    | 12    | 12    | 10    |
| Edwards-BFZ (Austin)  | 4     | 4     | 4     | 4     | 4     | 4     |
| Other Aquifer         | 150   | 150   | 150   | 150   | 150   | 150   |
| Trinity               | 10    | 10    | 10    | 8     | 8     | 7     |
| Local Supply Source   | 1     | 1     | 1     | 1     | 1     | 1     |
| Edwards-BFZ (Austin)  | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |



**TWDB ERRATA INPUT  
COMMENTS (ADM 8/2/01)**

| Source of Data*         | RED |
|-------------------------|-----|
| Demand                  | X   |
| Demand                  | X   |
| A-ALL, LIMIT            |     |
| Demand                  | X   |
| Demand                  | X   |
| A-ALL, % & Tbl 4        |     |
| A-ALL, % & Tbl 4        |     |
| Demand - other supplies | X   |
| A-ALL, LIMIT            |     |
| A-ALL, % & Tbl 4        |     |
| Demand - other supplies | X   |
| LCRA                    |     |
| Demand - other supplies | X   |
| Demand                  | X   |
| A-ALL, % & Tbl 4        |     |
| A-ALL, LCRA             |     |
| Demand - other supplies | X   |
| AllocFile10 9/24/99     |     |
| AllocFile10 9/24/99     |     |
| AllocFile10 9/24/99     |     |
| LCRA                    |     |
| Demand - other supplies | X   |
| AllocFile10 9/24/99     |     |
| AllocFile10 9/24/99     |     |
| AllocFile10 9/24/99     |     |
| Demand - other supplies | X   |
| A-ALL, % & Tbl 4        |     |
| AllocFile10 9/24/99     |     |
| AllocFile10 9/24/99     |     |
| Demand - other supplies | X   |
| AllocFile10 9/24/99     |     |
| AllocFile10 9/24/99     |     |
| TWDB                    |     |
| Demand, LCRA*           |     |
| Demand - other supplies | X   |
| AllocFile10 9/24/99     |     |
| AllocFile10 9/24/99     |     |
| Demand - other supplies | X   |
| AllocFile10 9/24/99     |     |
| AllocFile10 9/24/99     |     |
| LCRA                    |     |
| Demand - other supplies | X   |
| AllocFile10 9/24/99     |     |

|                          |
|--------------------------|
| AllocFile10 9/24/99      |
| AllocFile10 90% reduced  |
| LCRA                     |
| Demand - other supplies  |
| AllocFile10 9/24/99      |
| AllocFile10 9/24/99      |
| AllocFile10 90% reduced  |
| LCRA                     |
| Demand - other supplies  |
| A-ALL, % & Tbl 4         |
| AllocFile10 9/24/99      |
| AllocFile10 90% reduced  |
| Anecdotal                |
| A-ALL, LIMIT             |
| A-ALL, LIMIT             |
| LCRA                     |
| A-ALL, LIMIT             |
| A-ALL, LIMIT             |
| A-ALL, LIMIT             |
| A-ALL, % & Tbl 4         |
| A-ALL, LIMIT 157 reduced |
| A-ALL, % & Tbl 4         |
| AllocFile10 100% reduced |
| A-ALL, % & Tbl 4         |
| AllocFile10 100% reduced |
| AllocFile10 9/24/99      |
| A-ALL, % & Tbl 4         |
| AllocFile10 9/24/99      |
| LCRA                     |
| A-ALL, 100% reduced      |
| Demand, LCRA             |
| A-ALL, % & Tbl 4         |
| Demand, LCRA             |
| A-ALL, 42.6% reduced     |
| DEMAND                   |
| A-ALL, LCRA*             |
| A-ALL, LIMIT             |
| TCB, LCRA*               |
| AllFile10 9/24 Limit     |
| A-ALL, LCRA*             |
| A-ALL, LCRA*             |
| TCB, LCRA                |
| A-ALL, LIMIT             |
| A-ALL, LIMIT             |
| LCRA*                    |
| A-ALL, % & Tbl 4         |
| A-ALL, % & Tbl 4         |
| A-ALL, % & Tbl 4         |
| A-ALL, % & Tbl 4         |
| A-ALL, % & Tbl 4         |
| LCRA                     |
| A-ALL, LCRA*             |

X

X

|                           |
|---------------------------|
| ALLOC-F10 9/24/99         |
| AllFile10 9/24 Limit      |
| A-ALL, 5% reduced         |
| LCRA                      |
| A-ALL, LIMIT              |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
| AllocFile10 9/24/99       |
| AllocFile10 18.4% reduced |
| TWDB                      |
| Demand, LCRA*             |
| ALLOC-F10 9/24/99         |
| AllocFile10 9/24/99       |
| AllocFile10 9/24/99       |
| AllocFile10 9/24/99       |
| AllocFile10 9/24/99       |
| Demand                    |
| A-ALL, 12.6% reduced      |
| Demand                    |
| A-ALL, LIMIT              |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
| AllocFile10 9/24/99       |
| AllocFile10 9/24/99       |
| A-ALL, LIMIT              |
| A-ALL, LIMIT              |
| A-ALL, LIMIT              |
| A-ALL, LIMIT              |
| A-ALL, LIMIT 2218 reduced |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
| A-ALL, TCB                |
| A-ALL, LIMIT              |
| AllFile10 9/24 Limit      |
| A-ALL, % & Tbl 4          |
| A-ALL, LCRA               |
| A-ALL, LIMIT              |
| A-ALL, % & Tbl 4          |
| A-ALL, 100% reduced       |
| LCRA                      |
| A-ALL, LCRA               |
| DEMAND                    |
| LCRA                      |
| A-ALL, LCRA               |
| DEMAND                    |
| AllocFile10 9/24/99       |
| LCRA                      |
| A-ALL, LCRA               |
| DEMAND                    |

|                                 |
|---------------------------------|
| LCRA                            |
| A-ALL, % & Tbl 4                |
| LCRA                            |
| A-ALL, LIMIT                    |
| LCRA                            |
| A-ALL, % & Tbl 4                |
| Verbal Confirm. (540-2 sources) |
| Verbal Confirm. (540-2 sources) |
| A-ALL, LIMIT 3096 reduced       |
| A-ALL, 100% reduced             |
| A-ALL, LIMIT 2580 reduced       |
| A-ALL, % & Tbl 4                |
| AllocFile10 9/24/99             |
| A-ALL, LIMIT                    |
| A-ALL, % & Tbl 4                |
| AllFile10 limit                 |
| A-ALL, LIMIT                    |
| A-ALL, % & Tbl 4                |
| A-ALL, % & Tbl 4                |
| A-ALL, % & Tbl 4                |
| A-ALL, % & Tbl 4                |
| A-ALL, % & Tbl 4                |
| AllocFile10 9/24/99             |
| AllocFile10 9/24/99             |
| A-ALL, % & Tbl 4                |
| AllocFile10 9/24/99             |
| AllocFile10 9/24/99             |
| AllocFile10 9/24/99             |
| AllocFile10 9/24/99             |
| AllocFile10 9/24/99             |
| AllocFile10 9/24/99             |
| A-ALL, %Tbl4, LCRA              |
| LCRA                            |
| A-ALL, LCRA                     |
| LCRA/COA contract               |
| A-ALL, 100% reduced             |
| AllocFile10 9/24/99             |
| A-ALL, % & Tbl 4                |
| AllocFile10 9/24/99             |
| AllocFile10 9/24/99             |
| A-ALL, % & Tbl 4                |
| AllocFile10 9/24/99             |
| AllocFile10 9/24/99             |
| A-ALL, % & Tbl 4                |
| AllocFile10 9/24/99             |
| AllocFile10 9/24/99             |
| AllocFile10 9/24/99             |
| LCRA, Demand                    |
| Demand, LCRA*                   |
| AllocFile10 9/24/99             |
| AllocFile10 9/24/99             |
| AllocFile10 9/24/99             |
| AllocFile10 9/24/99             |
| AllocFile10 9/24/99             |

|                              |
|------------------------------|
| AllocFile10 9/24/99          |
| AllocFile10 9/24/99          |
| AllocFile10 10% reduced      |
| AllocFile10 9/24/99          |
| AllocFile10 9/24/99          |
| Demand                       |
| LCRA                         |
| A-ALL, % & Tbl 4             |
| A-ALL, % & Tbl 4             |
| A-ALL, 30% reduced           |
| LCRA                         |
| A-ALL, % & Tbl 4             |
| AllocFile10 9/24/99          |
| AllocFile10 9/24/99          |
| LCRA                         |
| A-ALL, % & Tbl 4             |
| AllocFile10 9/24/99          |
| AllocFile10 9/24/99          |
| AllFile10 9/24 Limit         |
| A-ALL, LIMIT 5667 reduced    |
| AllFile10 9/24               |
| A-ALL, % & Tbl 4             |
| A-ALL, LIMIT                 |
| A-ALL, % & Tbl 4             |
| A-ALL, 100% reduced          |
| Demand                       |
| A-ALL, LIMIT reduced         |
| A-ALL, 16% reduced           |
| A-ALL, % & Tbl 4             |
| AllFile10 9/24 Limit reduced |
| Demand, LCRA*                |
| AllFile10 9/24 Limit reduced |
| AllocFile10 9/24/99          |
| ALLOC-F10 9/24/99            |
| AllocFile10 9/24/99          |
| AllocFile10 10% reduced      |
| LCRA                         |
| A-ALL, LIMIT reduced         |
| A-ALL, 41.9% reduced         |
| A-ALL, % & Tbl 4             |
| A-ALL, 100% reduced          |
| AllocFile10 10% reduced      |
| Demand                       |
| AllFile10 9/24 Limit reduced |
| AllocFile10 9/24/99          |
| A-ALL, % & Tbl 4             |
| A-ALL, % & Tbl 4             |
| Demand                       |
| A-ALL, 17.6% reduced         |
| A-ALL, LIMIT                 |
| A-ALL, 1174 LIMIT reduced    |
| ALLOC-F10 9/24/99            |

|                           |
|---------------------------|
| A-ALL, LIMIT              |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
| A-ALL, 3.5% reduced       |
| LCRA                      |
| AllocFile10 9/24/99       |
| AllocFile10 9/24/99       |
| LCRA                      |
| ALLOC-F10 9/24/99         |
| A-ALL, 17.6% reduced      |
| TCB, LCRA*                |
| F&N 1988 Study            |
| A-ALL, LCRA*              |
| A-ALL, LIMIT              |
| A-ALL, LIMIT              |
| A-ALL, % & Tbl 4          |
| A-ALL, LCRA*              |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
| AllocFile10 100% reduced  |
| LCRA                      |
| Demand, LCRA*             |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
| AllocFile10 9/24/99       |
| LCRA                      |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
| A-ALL, LIMIT 9725 reduced |
| TCB                       |
| A-ALL, LIMIT              |
| A-ALL, LIMIT 959          |
| ALLOC-F10 9/24/99         |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
| ALLOC-F10 8% reduced      |
| A-ALL, LCRA*              |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
|                           |
| A-ALL, LCRA*              |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
| AllocFile10 9/24/99       |
| A-ALL, % & Tbl 4          |
| TWDB                      |
| A-ALL, LCRA               |
| DEMAND                    |
| TWDB                      |
| A-ALL, LCRA               |
| DEMAND                    |



|                           |
|---------------------------|
| TWDB                      |
| A-ALL, LCRA               |
| DEMAND                    |
| Demand                    |
| AllocFile10 9/24/99       |
| LCRA                      |
| A-ALL, % & Tbl 4          |
| LCRA                      |
| A-ALL, LIMIT              |
| Anecdotal                 |
| AllFile10 9/24 Limit      |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
| AllocFile10 9/24/99       |
| AllocFile10 9/24/99       |
| AllocFile10 9/24/99       |
| AllocFile10 9/24/99       |
| AllocFile10 9/24/99       |
| AllocFile10 9/24/99       |
| AllocFile10 9/24/99       |
| TWDB                      |
| A-ALL, % & Tbl 4          |
| AllocFile10 9/24/99       |
| LCRA                      |
| AllocFile10 9/24/99       |
| A-ALL, % & Tbl 4          |
| LCRA                      |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
| Plant verbal confirmation |
| A-ALL, 100% reduced       |
| A-ALL, LIMIT              |
| A-ALL, LIMIT              |
| A-ALL, % & Tbl 4          |
| AllocFile10 9/24/99       |
| AllocFile10 9/24/99       |
| A-ALL, % & Tbl 4          |
| AllocFile10 9/24/99       |
| AllocFile10 9/24/99       |
| TWDB                      |
| AllocFile10 9/24/99       |
| AllocFile10 9/24/99       |
| AllocFile10 9/24/99       |
| Demand                    |
| A-ALL, % & Tbl 4          |
| A-ALL, % & Tbl 4          |
| AllocFile10 9/24/99       |
| TCB, Demand, COA          |
| LCRA                      |
| LCRA                      |
| A-ALL, LCRA*, COA         |
| AllFile10 9/24 Limit      |
| A-ALL, LCRA*              |

|                           |                        |   |
|---------------------------|------------------------|---|
| AllocFile10 9/24/99       |                        |   |
| A-ALL, LCRA*              |                        |   |
| A-ALL, LCRA*              |                        |   |
| A-ALL, LIMIT              |                        |   |
| A-ALL, LCRA, COA          |                        |   |
| A-ALL LIMIT 11338 reduced |                        |   |
| A-ALL, LCRA, COA          |                        |   |
| 6161 contract less Mnftc  | ADDED RECORD           | x |
| TCB, LCRA, COA            |                        |   |
| A-ALL, LIMIT, COA         |                        |   |
| A-ALL, 100% reduced       |                        |   |
| A-ALL, LCRA*              |                        |   |
| COA                       |                        |   |
| A-ALL, 93.7% reduced      |                        |   |
| A-ALL, % & Tbl 4          |                        |   |
| A-ALL, 100% reduced       |                        |   |
| A-ALL, 100% reduced       |                        |   |
| Demand                    | ADDED RECORD. NOTE INC | x |
| A-ALL, LCRA, COA          |                        | x |
| AllocFile10 9/24/99       |                        |   |
| A-ALL, % & Tbl 4          |                        |   |
| AllocFile10 9/24/99       |                        |   |
| LCRA                      |                        |   |
| LCRA                      |                        |   |
| A-ALL, LCRA               |                        |   |
| LCRA                      |                        |   |
| AllocFile10 9/24/99       |                        |   |
| AllocFile10 9/24/99       |                        |   |
| LCRA                      |                        |   |
| AllocFile10 9/24/99       |                        |   |
| A-ALL, % & Tbl 4          |                        |   |
| AllocFile10 9/24/99       |                        |   |
| AllocFile10 9/24/99       |                        |   |
| AllocFile10 9/24/99       |                        |   |
| AllocFile10 9/24/99       |                        |   |
| TWDB                      |                        |   |
| AllocFile10 9/24/99       |                        |   |
| AllocFile10 9/24/99       |                        |   |
| AllocFile10 9/24/99       |                        |   |
| AllocFile10 9/24/99       |                        |   |
| AllocFile10 9/24/99       |                        |   |
| LCRA, Demand              |                        |   |
| AllocFile10 9/24/99       |                        |   |
| A-ALL, % & Tbl 4          |                        |   |
| AllocFile10 9/24/99       |                        |   |
| A-ALL, Demand             |                        |   |
| A-ALL, % & Tbl 4          |                        |   |
| DEMAND                    |                        |   |
| DEMAND                    |                        |   |
| 2/3 OF DEMAND             |                        |   |
| 1/3 OF DEMAND             |                        |   |
| A-ALL, 100% reduced       |                        |   |
| A-ALL, % & Tbl 4          |                        |   |

|                         |
|-------------------------|
| A-ALL, % & Tbl 4        |
| A-ALL, % & Tbl 4        |
| A-ALL, % & Tbl 4        |
| A-ALL, % & Tbl 4        |
| LCRA                    |
| A-ALL, % & Tbl 4        |
| A-ALL, % & Tbl 4        |
| A-ALL, % & Tbl 4        |
| LCRA                    |
| TWDB                    |
| LCRA                    |
| DEMAND                  |
| TWDB                    |
| A-ALL, LCRA             |
| DEMAND                  |
| DEMAND                  |
| LCRA                    |
| A-ALL, % & Tbl 4        |
| LCRA                    |
| A-ALL, % & Tbl 4        |
| LCRA                    |
| A-ALL, % & Tbl 4        |
| Demand, COA             |
| LCRA                    |
| A-ALL, LIMIT            |
| A-ALL, LCRA*, COA       |
| AllocFile10 30% reduced |
| AllocFile10 9/24/99     |
| AllocFile10 9/24/99     |
| A-ALL, % & Tbl 4        |
| AllocFile10 9/24/99     |
| AllFile10 9/24 Limit    |
| AllFile10 9/24 Limit    |
| AllocFile10 9/24/99     |
| AllFile10 9/24 Limit    |
| AllocFile10 9/24/99     |
| A-ALL, % & Tbl 4        |
| A-ALL, 100% reduced     |
| AllocFile10 9/24/99     |
| AllocFile10 9/24/99     |
| AllFile10 9/24 Limit    |
| AllocFile10 9/24/99     |
| AllocFile10 9/24/99     |
| AllocFile10 9/24/99     |
| AllocFile10 9/24/99     |
| AllocFile10 9/24/99     |
| AllocFile10 9/24/99     |
| AllFile10 9/24 Limit    |
| AllocFile10 9/24/99     |
| Demand                  |
| Not in Demand           |



**COMPARISON OF WATER DEMANDS WITH CURRENT WATER SUPPLIES BY CITY AND CATEGORY**  
**TWDB TABLE 7**  
**LOWER COLORADO REGIONAL WATER PLANNING AREA (REGION K)**

| A<br>Water User Group Name | B<br>Water User Group Identifier | C<br>Regional Water Planning Group | D<br>Sequence Number | E<br>City Number | F             |             | G            |            | H<br>2000 Surplus / (Shortfall) (ac-ft/yr) | I<br>2010 Surplus / (Shortfall) (ac-ft/yr) | J<br>2020 Surplus / (Shortfall) (ac-ft/yr) | K<br>2030 Surplus / (Shortfall) (ac-ft/yr) | L<br>2040 Surplus / (Shortfall) (ac-ft/yr) | M<br>2050 Surplus / (Shortfall) (ac-ft/yr) |
|----------------------------|----------------------------------|------------------------------------|----------------------|------------------|---------------|-------------|--------------|------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|
|                            |                                  |                                    |                      |                  | County Number | County Name | Basin Number | Basin Name |                                            |                                            |                                            |                                            |                                            |                                            |
| Bastrop                    | 110059000                        | K                                  | 59                   | 40               | 11            | Bastrop     | 14           | Colorado   | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          |
| Elgin                      | 110278000                        | K                                  | 278                  | 188              | 11            | Bastrop     | 14           | Colorado   | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          |
| Smithville                 | 110836000                        | K                                  | 836                  | 564              | 11            | Bastrop     | 14           | Colorado   | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          |
| County-Other               | 110996011                        | K                                  | 996                  | 757              | 11            | Bastrop     | 12           | Brazos     | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          |
| County-Other               | 110996011                        | K                                  | 996                  | 757              | 11            | Bastrop     | 14           | Colorado   | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          |
| Manufacturing              | 111001011                        | K                                  | 1001                 | 1001             | 11            | Bastrop     | 12           | Brazos     | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          |
| Manufacturing              | 111001011                        | K                                  | 1001                 | 1001             | 11            | Bastrop     | 14           | Colorado   | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          |
| Manufacturing              | 111001011                        | K                                  | 1001                 | 1001             | 11            | Bastrop     | 18           | Guadalupe  | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          |
| Mining                     | 111003011                        | K                                  | 1003                 | 1003             | 11            | Bastrop     | 12           | Brazos     | 74                                         | 79                                         | 84                                         | 88                                         | 90                                         | 90                                         |
| Mining                     | 111003011                        | K                                  | 1003                 | 1003             | 11            | Bastrop     | 14           | Colorado   | 1,587                                      | 1,586                                      | 1,584                                      | 1,581                                      | 1,576                                      | 1,569                                      |
| Mining                     | 111003011                        | K                                  | 1003                 | 1003             | 11            | Bastrop     | 18           | Guadalupe  | 110                                        | 114                                        | 117                                        | 120                                        | 122                                        | 122                                        |
| Irrigation                 | 111004011                        | K                                  | 1004                 | 1004             | 11            | Bastrop     | 12           | Brazos     | (0)                                        | 1                                          | 4                                          | 7                                          | 10                                         | 12                                         |
| Irrigation                 | 111004011                        | K                                  | 1004                 | 1004             | 11            | Bastrop     | 14           | Colorado   | 1,823                                      | 1,849                                      | 1,058                                      | 1,110                                      | 1,154                                      | 1,194                                      |
| Irrigation                 | 111004011                        | K                                  | 1004                 | 1004             | 11            | Bastrop     | 18           | Guadalupe  | 74                                         | 74                                         | 74                                         | 74                                         | 74                                         | 74                                         |
| Livestock                  | 111005011                        | K                                  | 1005                 | 1005             | 11            | Bastrop     | 12           | Brazos     | 88                                         | 88                                         | 88                                         | 88                                         | 88                                         | 88                                         |
| Livestock                  | 111005011                        | K                                  | 1005                 | 1005             | 11            | Bastrop     | 14           | Colorado   | 4,909                                      | 4,909                                      | 4,909                                      | 4,909                                      | 4,909                                      | 4,909                                      |
| Livestock                  | 111005011                        | K                                  | 1005                 | 1005             | 11            | Bastrop     | 18           | Guadalupe  | 342                                        | 342                                        | 342                                        | 342                                        | 342                                        | 342                                        |
| Austin                     | 110045000                        | K                                  | 45                   | 30               | 227           | Travis      | 14           | Colorado   | 114,175                                    | 90,564                                     | 56,793                                     | 22,975                                     | 1,656                                      | (23,012)                                   |
| Round Rock                 | 110776000                        | K                                  | 776                  | 520              | 226           | Travis      | 12           | Brazos     | 5,473                                      | 5,403                                      | 5,338                                      | 5,283                                      | 5,232                                      | 5,184                                      |
| Manufacturing              | 111001227                        | K                                  | 1001                 | 1001             | 227           | Travis      | 12           | Brazos     | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          | 0                                          |

TWDB ERRATA  
INPUT  
COMMENTS  
(ADM 8/2/01)

ADDED RECORD  
ADDED RECORD

Note: Water supply shortages are calculated assuming that interruptible water supply is not available from LCRA, the City of Austin does not contribute return flows, and contracts have not been renewed.

Blue text denotes changes made by errata 7/30/01.

**Table 10.50 - Social and Economic Impacts of Not Meeting Needs by Basin, 2050**

| Water User Group Name | Water User Group Identifier | Regional Water Planning Group | Sequence | City | County | Basin | Value of Need (Acre-Feet) | Impact of Need on Employment | Impact of Need on Gross Business Output in 1999 US Dollars (Millions) | Impact of Need on Population | Impact of Need on School Enrollment | Impact of Need on Income in 1999 US Dollars (Millions) |
|-----------------------|-----------------------------|-------------------------------|----------|------|--------|-------|---------------------------|------------------------------|-----------------------------------------------------------------------|------------------------------|-------------------------------------|--------------------------------------------------------|
| GARFIELD CDP          | 110333000                   | K                             | 333      | 774  | 11     | 14    | -11                       | 19                           | 1.4                                                                   | 37                           | 8                                   | 0.5                                                    |
| BLANCO                | 110089000                   | K                             | 89       | 60   | 16     | 18    | -5                        | 9                            | 0.6                                                                   | 18                           | 4                                   | 0.2                                                    |
| COTTONWOOD SHORES     | 110208000                   | K                             | 208      | 850  | 27     | 14    | -171                      | 291                          | 21.2                                                                  | 559                          | 128                                 | 8.1                                                    |
| GRANITE SHOALS        | 110358000                   | K                             | 358      | 775  | 27     | 14    | -493                      | 665                          | 50.9                                                                  | 1,277                        | 293                                 | 18.5                                                   |
| MARBLE FALLS          | 110561000                   | K                             | 561      | 385  | 27     | 14    | -2,264                    | 1,959                        | 170.0                                                                 | 3,820                        | 882                                 | 53.6                                                   |
| COUNTY-OTHER          | 110996027                   | K                             | 996      | 757  | 27     | 14    | -1,641                    | 1,708                        | 140.0                                                                 | 3,331                        | 769                                 | 47.1                                                   |
| IRRIGATION            | 111004045                   | K                             | 1004     | 1004 | 45     | 13    | -19,246                   | 161                          | 4.9                                                                   | 309                          | 71                                  | 1.6                                                    |
| IRRIGATION            | 111004045                   | K                             | 1004     | 1004 | 45     | 16    | -39,449                   | 330                          | 10.1                                                                  | 634                          | 145                                 | 3.2                                                    |
| COUNTY-OTHER          | 110996086                   | K                             | 996      | 757  | 86     | 14    | -1,013                    | 1,054                        | 86.4                                                                  | 2,055                        | 474                                 | 29.1                                                   |
| COUNTY-OTHER          | 110996105                   | K                             | 996      | 757  | 105    | 14    | -3,594                    | 3,741                        | 306.6                                                                 | 7,295                        | 1,683                               | 103.2                                                  |
| KINGSLAND (CDP)       | 110471000                   | K                             | 471      | 889  | 150    | 14    | -493                      | 839                          | 61.0                                                                  | 1,611                        | 369                                 | 23.5                                                   |
| LLANO                 | 110532000                   | K                             | 532      | 363  | 150    | 14    | -602                      | 1,024                        | 74.5                                                                  | 1,997                        | 461                                 | 28.7                                                   |
| COUNTY-OTHER          | 110996150                   | K                             | 996      | 757  | 150    | 14    | -1,733                    | 1,804                        | 147.9                                                                 | 3,518                        | 812                                 | 49.7                                                   |
| MANUFACTURING         | 111001161                   | K                             | 1001     | 1001 | 161    | 13    | -6,368                    | 4,632                        | 591.6                                                                 | 9,032                        | 2,084                               | 179.5                                                  |
| MANUFACTURING         | 111001161                   | K                             | 1001     | 1001 | 161    | 14    | -22,853                   | 16,621                       | 2,123.0                                                               | 32,577                       | 7,479                               | 644.1                                                  |
| STEAM ELECTRIC POWER  | 111002161                   | K                             | 1002     | 1002 | 161    | 14    | -5,064                    | 64                           | 11.2                                                                  | 125                          | 28                                  | 3.3                                                    |
| MINING                | 111003161                   | K                             | 1003     | 1003 | 161    | 15    | -6,473                    | 638                          | 91.1                                                                  | 1,225                        | 281                                 | 25.8                                                   |
| IRRIGATION            | 111004161                   | K                             | 1004     | 1004 | 161    | 13    | -52,095                   | 435                          | 13.4                                                                  | 835                          | 191                                 | 4.3                                                    |
| IRRIGATION            | 111004161                   | K                             | 1004     | 1004 | 161    | 14    | -6,884                    | 57                           | 1.8                                                                   | 112                          | 25                                  | 0.6                                                    |
| IRRIGATION            | 111004161                   | K                             | 1004     | 1004 | 161    | 15    | -51,906                   | 434                          | 13.3                                                                  | 833                          | 191                                 | 4.3                                                    |
| GOLDTHWAITE           | 110346000                   | K                             | 346      | 239  | 167    | 14    | -88                       | 150                          | 10.9                                                                  | 288                          | 66                                  | 4.2                                                    |
| ANDERSON MILL (CDP)   | 110025000                   | K                             | 25       | 812  | 227    | 14    | -34                       | 29                           | 2.6                                                                   | 57                           | 12                                  | 0.8                                                    |
| AUSTIN                | 110045000                   | K                             | 45       | 30   | 227    | 14    | -20,517                   | 49,420                       | 3,383.4                                                               | 96,863                       | 22,239                              | 1,392.5                                                |
| GARFIELD CDP          | 110333000                   | K                             | 333      | 774  | 227    | 14    | -117                      | 199                          | 14.5                                                                  | 382                          | 88                                  | 5.6                                                    |
| JONESTOWN             | 110452000                   | K                             | 452      | 783  | 227    | 14    | -485                      | 825                          | 60.0                                                                  | 1,584                        | 363                                 | 23.1                                                   |
| LAGO VISTA            | 110496000                   | K                             | 496      | 787  | 227    | 14    | -3,630                    | 3,141                        | 272.6                                                                 | 6,125                        | 1,413                               | 85.9                                                   |
| LAKEWAY               | 110506000                   | K                             | 506      | 789  | 227    | 14    | -3,287                    | 2,844                        | 246.9                                                                 | 5,546                        | 1,280                               | 77.8                                                   |
| PFLUGERVILLE          | 110692000                   | K                             | 692      | 796  | 227    | 14    | -3,563                    | 7,509                        | 525.1                                                                 | 14,643                       | 3,379                               | 211.1                                                  |
| ROLLINGWOOD           | 110768000                   | K                             | 768      | 741  | 227    | 14    | -793                      | 1,349                        | 98.1                                                                  | 2,631                        | 607                                 | 37.8                                                   |
| WELLS BRANCH (CDP)    | 110949000                   | K                             | 949      | 987  | 227    | 14    | -1,064                    | 1,436                        | 109.9                                                                 | 2,800                        | 646                                 | 39.9                                                   |
| WEST LAKE HILLS       | 110953000                   | K                             | 953      | 641  | 227    | 14    | -3,682                    | 3,186                        | 276.5                                                                 | 6,213                        | 1,434                               | 87.2                                                   |
| COUNTY-OTHER          | 110996227                   | K                             | 996      | 757  | 227    | 14    | -10,551                   | 10,982                       | 900.2                                                                 | 21,525                       | 4,942                               | 302.8                                                  |
| COUNTY-OTHER          | 110996227                   | K                             | 996      | 757  | 227    | 18    | -106                      | 110                          | 9.0                                                                   | 211                          | 48                                  | 3.0                                                    |
| COUNTY-OTHER          | 110996241                   | K                             | 996      | 757  | 241    | 14    | -225                      | 234                          | 19.2                                                                  | 449                          | 103                                 | 6.5                                                    |
| IRRIGATION            | 111004241                   | K                             | 1004     | 1004 | 241    | 13    | -50,502                   | 422                          | 13.0                                                                  | 810                          | 186                                 | 4.1                                                    |
| IRRIGATION            | 111004241                   | K                             | 1004     | 1004 | 241    | 14    | -11,300                   | 94                           | 2.9                                                                   | 184                          | 40                                  | 0.9                                                    |
| IRRIGATION            | 111004241                   | K                             | 1004     | 1004 | 241    | 15    | -24,207                   | 202                          | 6.2                                                                   | 388                          | 89                                  | 2.0                                                    |
| ANDERSON MILL (CDP)   | 110025000                   | K                             | 25       | 812  | 246    | 12    | -2,106                    | 1,822                        | 158.2                                                                 | 3,553                        | 820                                 | 49.9                                                   |
| AUSTIN                | 110045000                   | K                             | 45       | 30   | 246    | 14    | -391                      | 942                          | 64.5                                                                  | 1,809                        | 414                                 | 26.5                                                   |
| COUNTY-OTHER          | 110996246                   | K                             | 996      | 757  | 246    | 14    | -215                      | 224                          | 18.3                                                                  | 430                          | 99                                  | 6.2                                                    |

Impacts based on water needs identified in TWDB Exhibit B Table 7

Refer to the Chapter 3 Introduction of the Region K Plan for information on identification of the county where a need occurs



## INTEROFFICE MEMORANDUM

April 24, 2001

TO: Gary Powell, Texas Water Development Board

FROM: Quentin Martin, LCRA Chief Water Resources Planner

SUBJECT: Evaluation Process For Freshwater Inflows During Non-Drought Years Under the SB1 Region K Plan

### Summary

The purpose of this report is to show compliance water supply from the four off-channel reservoirs in the Lower Colorado SB1 Regional Water Plan with the freshwater inflow needs required in the TWDB rules. This report identifies the Colorado River inflows to Matagorda Bay that would be expected for the SB1 regional water plan under conditions comparable to the requirements applied to the LCRA to meet the Target Freshwater Inflow Needs (FIN) under the LCRA Water Management Plan (WMP). Using a spreadsheet to evaluate water supply, it was found that the Target FIN are fully met to the extent possible and the firm yield water supply from the reservoirs was found to be 130,900 acre-feet annually under the operational restraints for freshwater inflow needs and Consensus Environmental Flows Criteria (CEFC) for instream flows.

### Lower Colorado River Water Management Plan Criteria

In prior analyses, the TWDB has determined that the LCRA assessment of the water supply from the off-channel reservoirs in the SB1 regional water plan met the instream flow needs specified in the CEFC. The question remained if the freshwater inflow needs were sufficiently met as specified in the TWDB rules.

After discussions between TWDB and LCRA, it was determined that a version of the LCRA Water Management Plan (WMP) Criteria should be used to assess the sufficiency of estuarine freshwater inflow needs (FIN). Therefore, the following criteria was applied to determine the months when the LCRA Target FIN under the WMP would be expected to be met using the year 2050 SB1 conditions with the Region K regional water plan including four proposed off-channel reservoirs on the Texas coastal plain.

The LCRA WMP has the following specific operational criteria for meeting the Target (preferred) FIN:

1. If the Lakes Buchanan and Travis have storage of 1.7 million acre-feet (approximately 80% full) or greater on January 1, then the LCRA will meet the Target FIN in any given month if there are inflows to the Highland Lakes that month that are available to the LCRA. If there is not sufficient inflow then the LCRA is not obligated to meet the full Target FIN.
2. If the two lakes have a combined storage less than 1.7 million acre-feet (80% full) at the beginning of the year, then LCRA will meet only the Critical FIN in any month if there are inflows to the Highland Lakes that month that are available for LCRA to store. LCRA is not obligated to meet the Critical FIN if there is no inflow to the Lakes.

These operational criteria apply only to the water rights for the Highland Lakes. No other water right in the Colorado River basin is subject to any requirements for maintaining the Target or Critical estuarine freshwater inflows.

### **Review of Environmental SB 1 Pass-Through for Estuarine Inflows with Operation of Off-Channel Storage**

In the review of the Region K water plan, the environmental implications were assessed for operation of the off-channel reservoirs at Bay City. This analysis investigates the simulated inflows to Matagorda Bay in selected years for months when Bay City flows are in excess of the historical naturalized flows at Bay City.

The following procedure was implemented to identify the inflows for months when it could be expected that LCRA provide Target FIN under the operation of the proposed off-channel reservoirs in the SB1 regional water plan. These periods would essentially be equivalent to the months when the Zone 3 requirements of the Consensus Water Planning Environmental Criteria would apply for estuarine inflows.

1. Using the LCRA Response Simulation Model results for 1941-1965, it was determined which years began with a combined storage content of Lakes Travis and Buchanan exceeded 1.7 million acre-feet. The years were 1941-1943, 1945-1947, 1958-1962.
2. For each month in the years noted in Step 1, the simulated monthly flow past Bay City (before diversions to the off-channel reservoirs) determined by a daily spreadsheet model of the reservoirs was compared to the median naturalized flow at Bay City for that month. If the simulated flow exceeded the median naturalized flow then the simulated inflow in that month is recorded. The inflow was the flow at Bay City after diversion of water into the off-channel reservoirs.
3. For all months that meet conditions 1 and 2 above, the average monthly inflow was



computed and compared with the LCRA Target FIN. The comparison is shown in Table 1 for the Region K water plan. The average monthly flows exceed the Target FIN in all months except August.

As a sensitivity analysis, the process was reevaluated under the condition that daily pass-through restrictions were increased for each month (where any monthly value was less than the Target FIN) so that no single month was less than the Target FIN. Reviewing Table 1, the months of March, April, June, July, August and December had one or more months that did not equal the Target FIN. For each of those months, the pass-through requirement was raised until there was no month with inflow less than the Target FIN. It was found that even if no diversions to the off-channel reservoirs were allowed in March, April, June, July and August there was always at least one month with inflow less than the Target FIN (Table 2). For December, if a minimum daily pass-through of 1,200 cfs was applied then all months exceeded the Target FIN (Table 2).

Comparing Tables 1 and 2, there is very little difference in total estuarine inflows on an annual average basis. Basically, the only difference is a decrease in diversions to the off-channel reservoir during the spring and summer and an increase in the fall.

Based on these findings, the operation of the off-channel reservoirs provide for the Target FIN in the very large majority of the months during periods when LCRA would likely be obligated to release inflows to the Highland Lakes to maintain the Target FIN. Further, in the months where the Target FIN could not be provided, the off-channel reservoirs did not have an impact since they were not allowed to divert any river flow at that time.

### **Estimate Firm Water Supply from the Off-Channel Reservoirs**

The firm yield of the off-channel reservoirs was determined using both of the pass-through operational policies used to generate Tables 1 and 2 for the selected years and months. The firm yield for both operational cases was found to be 130,900 acre-feet annually.

TABLE 1

BAY CITY FLOW FOR YEARS WHEN HL STORAGE GREATER THAN 1.7 MILLION AC-FT AND MONTHLY FLOW IS GREATER THAN MEDIAN.

1 - HL >1.7  
0 - HL < 1.7

|   |                  | MONTHLY ESTUARINE INFLOWS IN ACRE-FT |         |         |         |         |         |         |        |         |         |         |         |
|---|------------------|--------------------------------------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|
|   |                  | 1                                    | 2       | 3       | 4       | 5       | 6       | 7       | 8      | 9       | 10      | 11      | 12      |
| 1 | 1941             | 158,906                              | 282,347 | 470,929 | 725,016 | 963,867 | 853,839 | 274,597 | 45,966 |         | 80,084  | 93,473  | 77,906  |
| 1 | 1942             |                                      |         |         | 426,338 | 279,550 | 78,387  | 140,850 | 37,877 | 73,108  | 253,916 | 91,887  |         |
| 1 | 1943             | 48,320                               |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1944             |                                      |         |         |         |         |         |         |        |         |         |         |         |
| 1 | 1945             | 370,494                              | 276,559 | 401,250 | 324,123 |         |         | 51,209  | 34,298 |         |         |         |         |
| 1 | 1946             | 105,391                              | 129,880 | 180,223 | 139,492 | 291,315 | 88,335  |         | 16,952 | 58,042  |         | 278,873 | 104,765 |
| 1 | 1947             | 364,112                              | 84,745  | 118,821 | 78,479  |         |         |         | 57,775 |         |         |         |         |
| 0 | 1948             |                                      |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1949             |                                      |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1950             |                                      |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1951             |                                      |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1952             |                                      |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1953             |                                      |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1954             |                                      |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1955             |                                      |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1956             |                                      |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1957             |                                      |         |         |         |         |         |         |        |         |         |         |         |
| 1 | 1958             | 265,797                              | 763,200 | 282,866 | 134,560 | 345,070 | 218,177 |         |        | 123,422 | 77,144  | 112,247 |         |
| 1 | 1959             |                                      | 157,429 |         | 272,050 |         | 190,776 | 74,538  |        |         | 604,812 | 71,667  | 179,144 |
| 1 | 1960             | 255,713                              | 247,022 | 106,123 | 234,423 |         | 225,955 | 26,224  | 44,771 |         | 387,960 | 189,045 | 300,714 |
| 1 | 1961             | 348,306                              | 564,259 | 116,891 |         |         | 639,674 | 296,763 | 22,913 | 373,137 |         | 124,600 |         |
| 1 | 1962             | 57,472                               |         |         |         |         |         |         |        |         |         |         | 42,392  |
| 0 | 1963             |                                      |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1964             |                                      |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1965             |                                      |         |         |         |         |         |         |        |         |         |         |         |
|   | SUM (1000 AF)    | 1,975                                | 2,505   | 1,677   | 2,334   | 1,880   | 2,295   | 864     | 261    | 628     | 1,404   | 962     | 705     |
|   | AVRG.(1000 AF)   | 219.4                                | 313.2   | 239.6   | 291.8   | 470.0   | 327.9   | 288.1   | 37.2   | 156.9   | 280.8   | 137.4   | 141.0   |
|   | MEDIAN (1000 AF) | 255.7                                | 261.8   | 180.2   | 253.2   | 318.2   | 218.2   | 107.7   | 37.9   | 98.3    | 253.9   | 112.2   | 104.8   |
|   | TARGET(1000 AF)  | 44.1                                 | 45.3    | 129.1   | 150.7   | 162.2   | 159.3   | 107     | 59.4   | 38.8    | 47.4    | 44.4    | 45.2    |

TABLE 2  
 BAY CITY FLOW FOR YEARS WHEN HL STORAGE GREATER THAN 1.7 MILLION AC-FT AND MONTHLY FLOW IS GREATER THAN MEDIAN.  
 (NO DIVERSIONS ALLOWED INTO OFF-CHANNEL RESERVOIR IN MARCH, APRIL, JUNE, JULY & AUGUST, WITH 1200 CFS MIN. PASS-THRU IN DEC.)  
 MONTHLY ESTUARINE INFLOW IN ACRE-FEET

1 - HL >1.7  
 0 - HL < 1.7

|   |                  | 1       | 2       | 3       | 4       | 5       | 6       | 7       | 8      | 9       | 10      | 11      | 12      |
|---|------------------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|
| 1 | 1941             | 158,905 | 282,346 | 482,908 | 735,956 | 940,944 | 866,206 | 288,183 | 57,862 |         | 57,692  | 78,010  | 79,640  |
| 1 | 1942             |         |         |         | 437,334 | 256,339 | 90,755  | 146,686 | 59,295 | 62,393  | 225,004 | 91,886  |         |
| 1 | 1943             | 47,577  |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1944             |         |         |         |         |         |         |         |        |         |         |         |         |
| 1 | 1945             | 370,493 | 276,559 | 413,230 | 335,064 |         |         | 65,283  | 47,526 |         |         |         |         |
| 1 | 1946             | 83,829  | 112,793 | 192,203 | 150,432 | 268,392 | 100,703 |         | 35,638 | 43,738  |         | 260,446 | 104,837 |
| 1 | 1947             | 364,038 | 84,744  | 130,801 | 89,175  |         |         |         | 81,380 |         |         |         |         |
| 0 | 1948             |         |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1949             |         |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1950             |         |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1951             |         |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1952             |         |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1953             |         |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1954             |         |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1955             |         |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1956             |         |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1957             |         |         |         |         |         |         |         |        |         |         |         |         |
| 1 | 1958             | 265,796 | 763,199 | 294,846 | 145,500 | 322,147 | 230,545 |         |        | 104,560 | 65,300  | 112,246 |         |
| 1 | 1959             |         | 150,104 |         | 283,231 |         | 203,144 | 88,124  |        |         | 564,524 | 71,666  | 179,143 |
| 1 | 1960             | 255,712 | 247,021 | 118,103 | 245,364 |         | 238,323 | 38,957  | 59,293 |         | 351,425 | 183,712 | 300,713 |
| 1 | 1961             | 348,305 | 564,258 | 128,870 |         |         | 652,042 | 310,349 | 27,789 | 342,938 |         | 115,139 |         |
| 1 | 1962             | 49,828  |         |         |         |         |         |         |        |         |         |         | 48,185  |
| 0 | 1963             |         |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1964             |         |         |         |         |         |         |         |        |         |         |         |         |
| 0 | 1965             |         |         |         |         |         |         |         |        |         |         |         |         |
|   | SUM(1000 AF)     | 1,944   | 2,481   | 1,761   | 2,422   | 1,788   | 2,382   | 938     | 369    | 554     | 1,264   | 913     | 713     |
|   | AVRG.(1000 AF)   | 216.1   | 310.1   | 251.6   | 302.8   | 447.0   | 340.2   | 312.5   | 52.7   | 138.4   | 252.8   | 130.4   | 142.5   |
|   | MEDIAN (1000 AF) | 255.7   | 261.8   | 192.2   | 264.3   | 295.3   | 230.5   | 117.4   | 57.9   | 83.5    | 225.0   | 112.2   | 104.8   |
|   | TARGET (1000 AF) | 44.1    | 45.3    | 129.1   | 150.7   | 162.2   | 159.3   | 107     | 59.4   | 38.8    | 47.4    | 44.4    | 45.2    |