

Lower Colorado Regional Water Planning Group Meeting  
April 8, 2009

**Agenda for Meeting Item #5d and 6  
Discuss Comments Received on Initially Prepared  
Population and Water Demand Projections**

- Memo to Planning Group discussing public comments received to date.
- Response from TWDB to Region K's informal submittal of the 2011 Initially Prepared Population and Water Demand Projections
  - Meeting held with TWDB on Tuesday, April 7th
- Discussion on how to proceed based on response from TWDB

## Memo From Population and Water Demand Committee

AECOM

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### Memorandum

Date April 2, 2009  
To Region K Planning Group Members  
From Population and Water Demand Committee  
Subject Public Comments received on the Initially Prepared Region K Population and Water Demand Projections

The population and water demand committee has held two meetings to hear public comments on the initially prepared Region K population and water demand projections for the 2011 Region K Plan, one on March 19, 2009, and the second on April 2, 2009. A period of time has also been given to receive written comments on the projections.

Letters were sent to each individual water user group (WUG) with their initially prepared population and water demand projections and a request for feedback if the WUG had data that suggested alternative projections.

The attached documents are a summary of the oral comments received at the two meetings as well as the written comments received from the WUGs. The public has until April 16, 2009, to submit comments, so we may receive additional feedback, but this is what we have received to date.

The summary of the March 19, 2009, meeting is broken down by category into Questions, Comments regarding the population and water demand projections, and Comments regarding the water supply analysis and water management strategies. Although the last category is not necessarily applicable to the task at hand, the comments are acknowledged and will be considered when reviewing the initially prepared Plan.

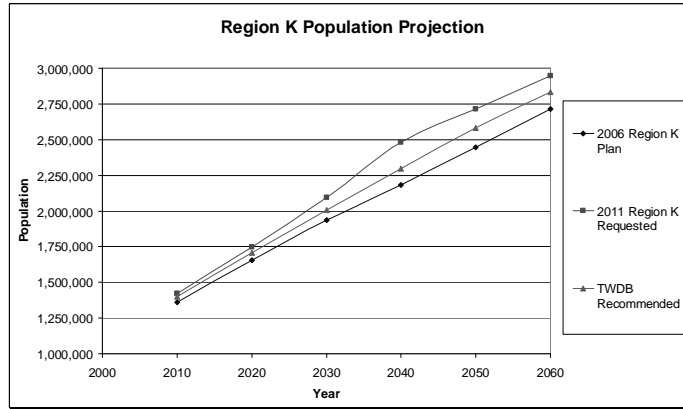
- See handout (Agenda Item 5d)
- Oral comments received from public at two separate public comment meetings held 3/19 and 4/2.
- Written responses from three (3) water user groups (WUGs)
  - City of Goldthwaite
  - Travis County WCID #17
  - Cottonwood Shores

## Response from TWDB to Informal Submittal of Initially Prepared Population and Water Demand Projections

- 1. No increases for counties which are already over-projected. (Blanco, Matagorda, San Saba, Wharton)
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- 2. No increases for non-city WUGs - we don't have data to support them.
- 3. Some adjustments to the City of Austin to smooth out the line were made.
- No comments received on the Steam-Electric Water Demands.

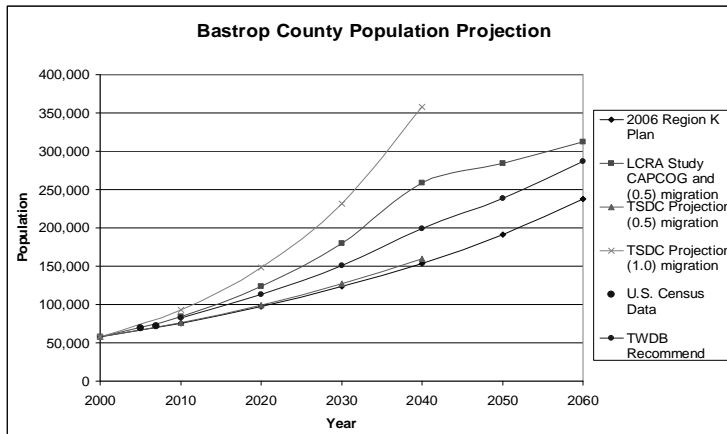
### Region K Total Population Comparison

<b>2006 Plan Total</b>	1,359,677	1,657,025	1,936,324	2,181,851	2,447,058	2,713,905
<b>2011 Region K Requested Total</b>	<b>1,420,914</b>	<b>1,745,153</b>	<b>2,095,319</b>	<b>2,482,293</b>	<b>2,714,289</b>	<b>2,945,148</b>
% change with 2011 Region K	4.50%	5.32%	8.21%	13.77%	10.92%	8.52%
<b>TWDB Recommended Total</b>	<b>1,399,256</b>	<b>1,709,437</b>	<b>2,007,980</b>	<b>2,295,236</b>	<b>2,580,534</b>	<b>2,831,937</b>
% change with TWDB	2.91%	3.16%	3.70%	5.20%	5.45%	4.35%
<b>Region K Total minus TWDB Total</b>	<b>21,658</b>	<b>35,716</b>	<b>87,339</b>	<b>187,057</b>	<b>133,755</b>	<b>113,211</b>



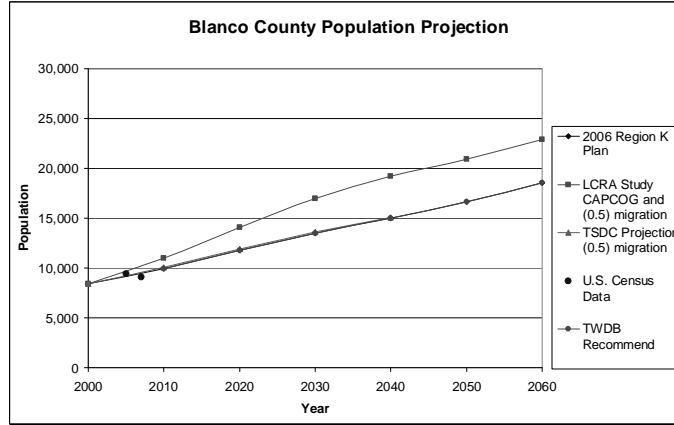
### Bastrop County Population Comparison

<b>2006 Plan Total</b>	75,386	97,601	123,734	153,392	190,949	237,958
<b>2011 Region K Requested Total</b>	<b>84,600</b>	<b>123,700</b>	<b>179,500</b>	<b>258,700</b>	<b>284,000</b>	<b>312,000</b>
% change with 2011 Region K	12.22%	26.74%	45.07%	68.65%	48.73%	31.12%
<b>TWDB Recommended Total</b>	<b>82,413</b>	<b>112,728</b>	<b>151,228</b>	<b>199,517</b>	<b>238,954</b>	<b>287,257</b>
% change with TWDB	9.32%	15.50%	22.22%	30.07%	25.14%	20.72%
<b>Region K Total minus TWDB Total</b>	<b>2,187</b>	<b>10,972</b>	<b>28,272</b>	<b>59,183</b>	<b>45,046</b>	<b>24,743</b>



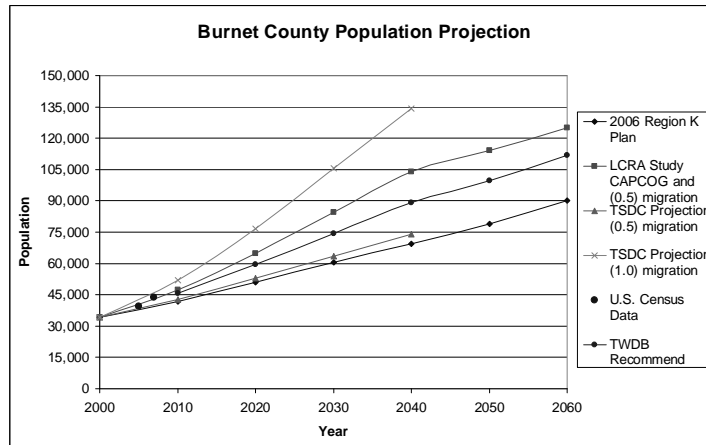
### Blanco County Population Comparison

<b>2006 Plan Total</b>	9,946	11,756	13,487	15,002	16,641	18,544
<b>2011 Region K Requested Total</b>	<b>11,000</b>	<b>14,100</b>	<b>17,000</b>	<b>19,200</b>	<b>20,900</b>	<b>22,900</b>
% change with 2011 Region K	10.60%	19.94%	26.05%	27.98%	25.59%	23.49%
<b>TWDB Recommended Total</b>	<b>9,946</b>	<b>11,756</b>	<b>13,487</b>	<b>15,002</b>	<b>16,641</b>	<b>18,544</b>
% change with TWDB	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Region K Total minus TWDB Total</b>	<b>1,054</b>	<b>2,344</b>	<b>3,513</b>	<b>4,198</b>	<b>4,259</b>	<b>4,356</b>



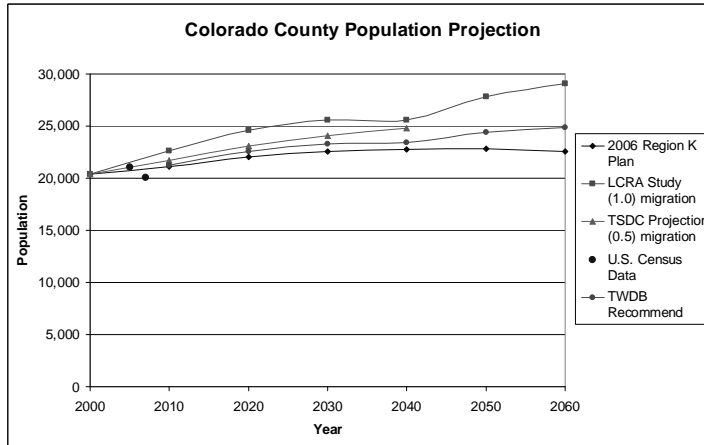
### Burnet County Population Comparison

<b>2006 Plan Total</b>	41,924	51,044	60,382	69,271	78,981	90,263
<b>2011 Region K Requested Total</b>	<b>47,300</b>	<b>64,700</b>	<b>84,500</b>	<b>104,000</b>	<b>114,000</b>	<b>125,000</b>
% change with 2011 Region K	12.82%	26.75%	39.94%	50.13%	44.34%	38.48%
<b>TWDB Recommended Total</b>	<b>45,800</b>	<b>59,525</b>	<b>74,490</b>	<b>89,038</b>	<b>99,716</b>	<b>111,836</b>
% change with TWDB	9.25%	16.62%	23.36%	28.54%	26.25%	23.90%
<b>Region K Total minus TWDB Total</b>	<b>1,500</b>	<b>5,175</b>	<b>10,010</b>	<b>14,962</b>	<b>14,284</b>	<b>13,164</b>



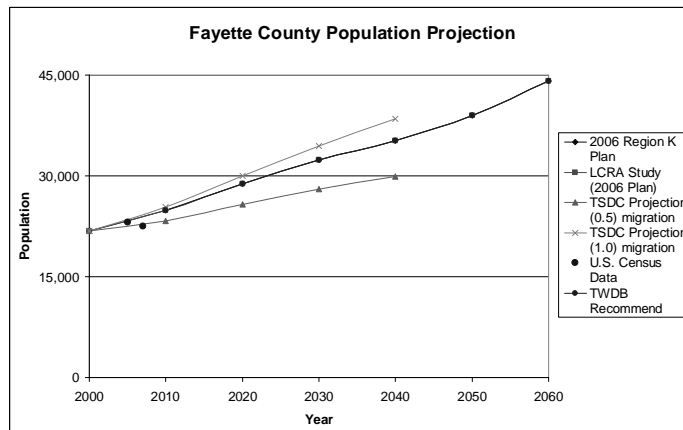
### Colorado County Population Comparison

<b>2006 Plan Total</b>	21,101	22,032	22,550	22,760	22,801	22,561
<b>2011 Region K Requested Total</b>	<b>22,655</b>	<b>24,589</b>	<b>25,592</b>	<b>25,599</b>	<b>27,800</b>	<b>29,100</b>
% change with 2011 Region K	7.36%	11.61%	13.49%	12.47%	21.92%	28.98%
<b>TWDB Recommended Total</b>	<b>21,239</b>	<b>22,592</b>	<b>23,311</b>	<b>23,424</b>	<b>24,421</b>	<b>24,869</b>
% change with TWDB	0.65%	2.54%	3.37%	2.92%	7.10%	10.23%
<b>Region K Total minus TWDB Total</b>	<b>1,416</b>	<b>1,997</b>	<b>2,281</b>	<b>2,175</b>	<b>3,379</b>	<b>4,231</b>



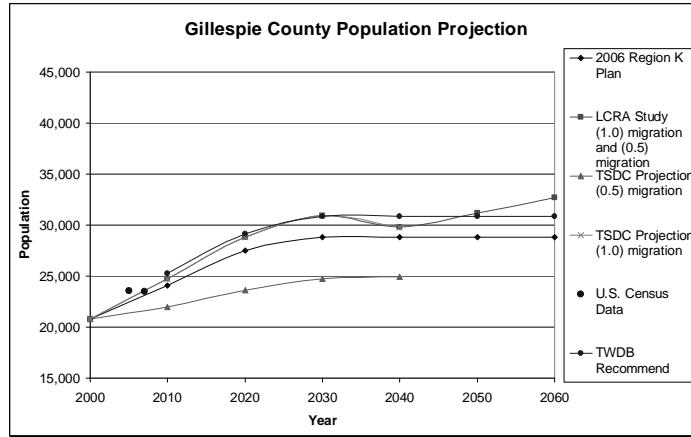
### Fayette County Population Comparison

<b>2006 Plan Total</b>	24,826	28,808	32,363	35,259	38,933	44,120
<b>2011 Region K Requested Total</b>	<b>24,826</b>	<b>28,808</b>	<b>32,363</b>	<b>35,259</b>	<b>38,933</b>	<b>44,120</b>
% change with 2011 Region K	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>TWDB Recommended Total</b>	<b>24,826</b>	<b>28,808</b>	<b>32,363</b>	<b>35,259</b>	<b>38,933</b>	<b>44,120</b>
% change with TWDB	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Region K Total minus TWDB Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



### Gillespie County Population Comparison

<b>2006 Plan Total</b>	24,089	27,510	28,845	28,845	28,845	28,845
<b>2011 Region K Requested Total</b>	<b>24,727</b>	<b>28,826</b>	<b>30,936</b>	<b>29,818</b>	<b>31,200</b>	<b>32,700</b>
% change with 2011 Region K	2.65%	4.78%	7.25%	3.37%	8.16%	13.36%
<b>TWDB Recommended Total</b>	<b>25,258</b>	<b>29,117</b>	<b>30,861</b>	<b>30,861</b>	<b>30,861</b>	<b>30,861</b>
% change with TWDB	4.85%	5.84%	6.99%	6.99%	6.99%	6.99%
<b>Region K Total minus TWDB Total</b>	<b>-531</b>	<b>-291</b>	<b>75</b>	<b>-1,043</b>	<b>339</b>	<b>1,839</b>



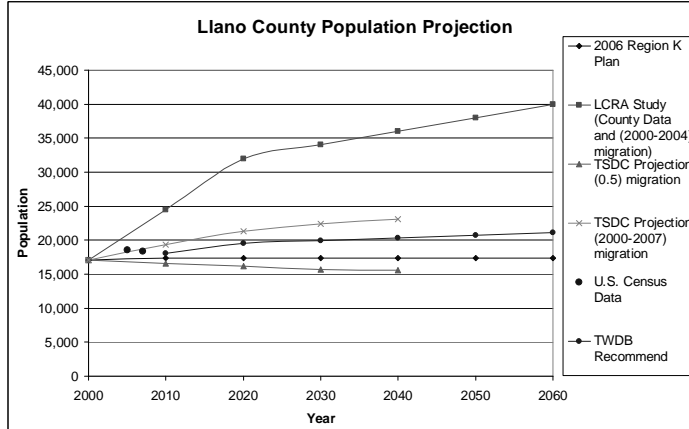
### Hays County Population Comparison

<b>2006 Plan Total</b>	46,143	69,377	88,887	108,495	132,051	150,574
<b>2011 Region K Requested Total</b>	<b>46,143</b>	<b>69,377</b>	<b>88,887</b>	<b>108,495</b>	<b>132,051</b>	<b>150,574</b>
% change with 2011 Region K	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>TWDB Recommended Total</b>	<b>46,143</b>	<b>69,377</b>	<b>88,887</b>	<b>108,495</b>	<b>132,051</b>	<b>150,574</b>
% change with TWDB	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Region K Total minus TWDB Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

- No graph needed since 2006 Region K Plan, 2011 Region K Requested, and TWDB Recommended numbers are all the same.

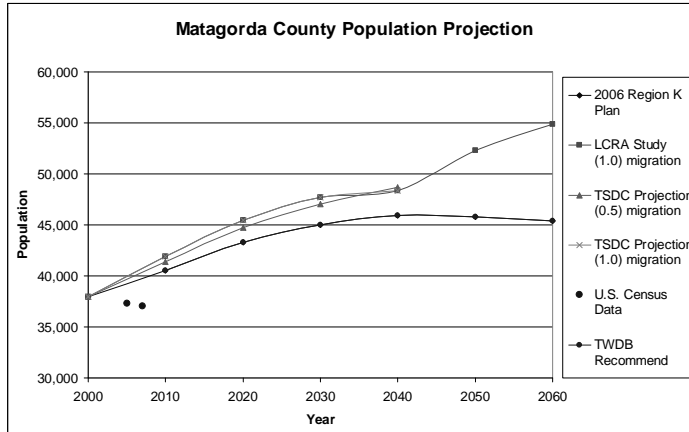
### Llano County Population Comparison

<b>2006 Plan Total</b>	17,360	17,360	17,360	17,360	17,360	17,360
<b>2011 Region K Requested Total</b>	<b>24,514</b>	<b>31,984</b>	<b>34,000</b>	<b>36,000</b>	<b>38,000</b>	<b>40,000</b>
% change with 2011 Region K	41.21%	84.24%	95.85%	107.37%	118.89%	130.41%
<b>TWDB Recommended Total</b>	<b>18,052</b>	<b>19,514</b>	<b>19,908</b>	<b>20,299</b>	<b>20,690</b>	<b>21,082</b>
% change with TWDB	3.99%	12.41%	14.68%	16.93%	19.18%	21.44%
<b>Region K Total minus TWDB Total</b>	<b>6,462</b>	<b>12,470</b>	<b>14,092</b>	<b>15,701</b>	<b>17,310</b>	<b>18,918</b>



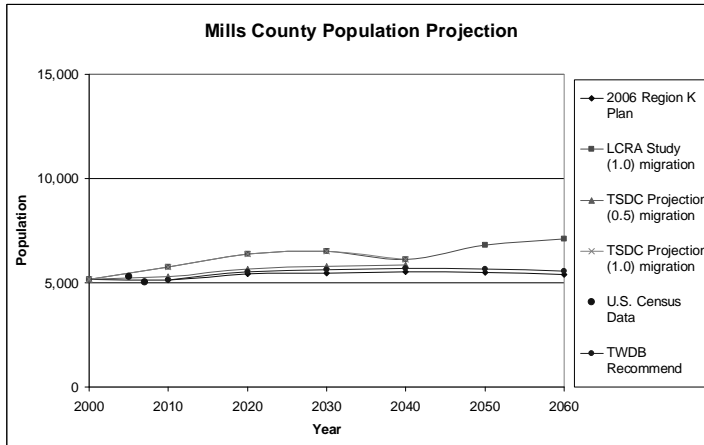
### Matagorda County Population Comparison

<b>2006 Plan Total</b>	40,506	43,295	44,991	45,925	45,793	45,377
<b>2011 Region K Requested Total</b>	<b>41,924</b>	<b>45,431</b>	<b>47,701</b>	<b>48,365</b>	<b>52,300</b>	<b>54,900</b>
% change with 2011 Region K	3.50%	4.93%	6.02%	5.31%	14.21%	20.99%
<b>TWDB Recommended Total</b>	<b>40,506</b>	<b>43,295</b>	<b>44,991</b>	<b>45,925</b>	<b>45,793</b>	<b>45,377</b>
% change with TWDB	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Region K Total minus TWDB Total</b>	<b>1,418</b>	<b>2,136</b>	<b>2,710</b>	<b>2,440</b>	<b>6,507</b>	<b>9,523</b>



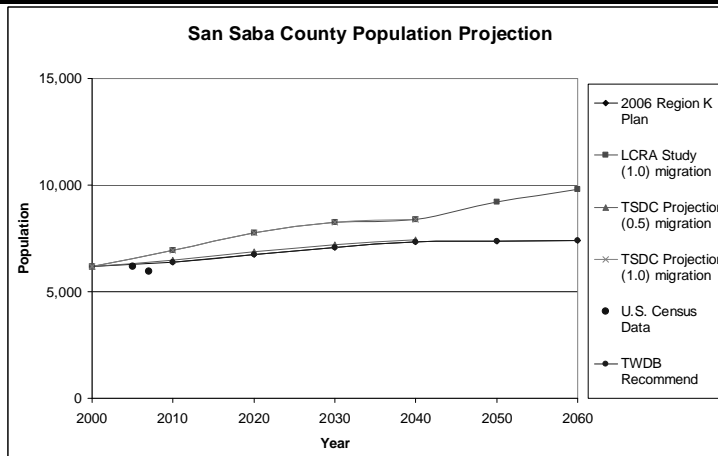
### Mills County Population Comparison

<b>2006 Plan Total</b>	5,137	5,414	5,476	5,537	5,497	5,397
<b>2011 Region K Requested Total</b>	<b>5,773</b>	<b>6,380</b>	<b>6,521</b>	<b>6,132</b>	<b>6,800</b>	<b>7,100</b>
% change with 2011 Region K	12.38%	17.84%	19.08%	10.75%	23.70%	31.55%
<b>TWDB Recommended Total</b>	<b>5,137</b>	<b>5,539</b>	<b>5,631</b>	<b>5,678</b>	<b>5,647</b>	<b>5,570</b>
% change with TWDB	0.00%	2.31%	2.83%	2.55%	2.73%	3.21%
<b>Region K Total minus TWDB Total</b>	<b>636</b>	<b>841</b>	<b>890</b>	<b>454</b>	<b>1,153</b>	<b>1,530</b>



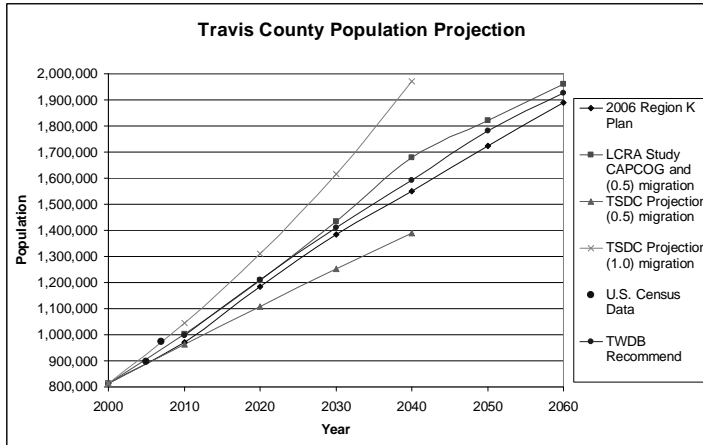
### San Saba County Population Comparison

<b>2006 Plan Total</b>	6,387	6,746	7,059	7,332	7,365	7,409
<b>2011 Region K Requested Total</b>	<b>6,935</b>	<b>7,775</b>	<b>8,265</b>	<b>8,390</b>	<b>9,200</b>	<b>9,800</b>
% change with 2011 Region K	8.58%	15.25%	17.08%	14.43%	24.92%	32.27%
<b>TWDB Recommended Total</b>	<b>6,387</b>	<b>6,746</b>	<b>7,059</b>	<b>7,332</b>	<b>7,365</b>	<b>7,409</b>
% change with TWDB	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Region K Total minus TWDB Total</b>	<b>548</b>	<b>1,029</b>	<b>1,206</b>	<b>1,058</b>	<b>1,835</b>	<b>2,391</b>



### Travis County Population Comparison

<b>2006 Plan Total</b>	969,955	1,185,499	1,385,236	1,550,538	1,722,737	1,888,543
<b>2011 Region K Requested Total</b>	<b>1,003,600</b>	<b>1,208,900</b>	<b>1,434,100</b>	<b>1,680,200</b>	<b>1,820,000</b>	<b>1,960,000</b>
% change with 2011 Region K	3.47%	1.97%	3.53%	8.36%	5.65%	3.78%
<b>TWDB Recommended Total</b>	<b>996,632</b>	<b>1,209,857</b>	<b>1,409,810</b>	<b>1,592,271</b>	<b>1,780,357</b>	<b>1,927,484</b>
% change with TWDB	2.75%	2.05%	1.77%	2.69%	3.34%	2.06%
<b>Region K Total minus TWDB Total</b>	<b>6,968</b>	<b>-957</b>	<b>24,290</b>	<b>87,929</b>	<b>39,643</b>	<b>32,516</b>



### Wharton County Population Comparison

<b>2006 Plan Total</b>	28,260	29,872	30,911	31,508	31,523	31,188
<b>2011 Region K Requested Total</b>	<b>28,260</b>	<b>29,872</b>	<b>30,911</b>	<b>31,508</b>	<b>31,523</b>	<b>31,188</b>
% change with 2011 Region K	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>TWDB Recommended Total</b>	<b>28,260</b>	<b>29,872</b>	<b>30,911</b>	<b>31,508</b>	<b>31,523</b>	<b>31,188</b>
% change with TWDB	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Region K Total minus TWDB Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

- No graph needed since 2006 Region K Plan, 2011 Region K Requested, and TWDB Recommended numbers are all the same.

### Williamson County Population Comparison

<b>2006 Plan Total</b>	48,657	60,711	75,043	90,627	107,582	125,766
<b>2011 Region K Requested Total</b>	<b>48,657</b>	<b>60,711</b>	<b>75,043</b>	<b>90,627</b>	<b>107,582</b>	<b>125,766</b>
% change with 2011 Region K	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>TWDB Recommended Total</b>	<b>48,657</b>	<b>60,711</b>	<b>75,043</b>	<b>90,627</b>	<b>107,582</b>	<b>125,766</b>
% change with TWDB	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Region K Total minus TWDB Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

- No graph needed since 2006 Region K Plan, 2011 Region K Requested, and TWDB Recommended numbers are all the same.

### Guidance Requested on How to Proceed

#### Staying with the Region K Initially Prepared Population Numbers

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>- Pros                     <ul style="list-style-type: none"> <li>- Close agreement to the LCRA's Water Supply Resource Plan</li> <li>- Takes into consideration growth in unincorporated areas</li> <li>- More conservative (larger) estimates prepare region for anticipated growth expected in the 2010 Census</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>- Cons                     <ul style="list-style-type: none"> <li>- TWDB staff cannot support such aggressive population growth</li> <li>- Could cause a scheduling risk to the planning process</li> <li>- Uncertainty as to how this conflict would be resolved</li> </ul> </li> </ul> |
|---|---|

### **Guidance Requested on How to Proceed**

#### **Revising Population Numbers Based on TWDB Recommendations**

- Pros
  - Numbers are likely to be accepted by TWDB staff
  - Smaller numbers would produce less shortages
  - By staying within the state projections, would not create the potential appearance of “over-planning”
- Cons
  - The projections for Region K will be different than the projections for LCRA's long range plan
  - The region may not be as prepared for anticipated growth possible in the 2010 Census

### **Guidance Requested**

- RWPG's input needed on whether
  - to adopt the initially prepared population projections determined by the Population and Water Demand Committee, or
  - to revise the population projections using the response from TWDB as guidance.