



Kelley Holcomb, Chair  
P.O. Box 635030  
Nacogdoches, TX 75963  
936-559-2504

November 6, 2017

Honorable Jeff M. Branick  
County Judge  
Jefferson County  
1149 Pearl Street  
Beaumont, TX 77701

Subject: East Texas Regional Water Planning Area  
Draft County Population and Water Demand Projections

Dear Judge Branick:

Water supply planning has been a part of the East Texas Regional Water Planning Area (ETRWPA; also known as Region I) for over 20 years now; and it is making a real difference in how we ensure that this vital resource is available to our communities now and into the future. You should have received a letter recently regarding draft projections of population and municipal water demand for Jefferson County, Texas, which is located within the ETRWPA. With this letter, we wanted to provide some additional detail regarding water demand projections for your county.

The Texas Water Development Board (TWDB) developed the draft population and municipal water demand projections for Jefferson County, and they are part of the 5<sup>th</sup> cycle of regional water planning for the ETRWPA. In addition, the TWDB has developed water demand projections for this cycle for the following non-municipal categories: Irrigation, Livestock, Manufacturing, Mining, and Steam-Electric Power for your county. These can be found online at [www.twdb.texas.gov](http://www.twdb.texas.gov).

For your consideration, please review the enclosed summary projection table for Jefferson County. This table is derived from the TWDB draft projections for all water-use categories referenced above.

If you do not agree with the draft projections, or would like additional information about them, we want to hear from you as soon as possible. The TWDB has developed specific criteria for revisions to demand projections; enclosed is an excerpt from the TWDB guidance documents governing such revisions. Please forward any projection comments and supporting data you have to your East Texas Regional Water Planning Group (ETRWPG) consulting team representative.



Your ETRWPG consultant team representative is:

Spandana Tummuri, PhD, PE, ENV SP  
spandana.tummuri@freese.com  
Phone: (817) 735-7520  
Fax: (817) 735-7491

Freese and Nichols, Inc.  
10497 Town and Country Way, Ste 600  
Houston, TX 77024

The ETRWPG will be considering these projections at its November 15, 2017 meeting in Nacogdoches. If we do not hear otherwise from you, the draft projections provided herein will likely be accepted for purposes of the regional water plan update to be adopted in 2021.

The ETRWPG will provide ongoing updates of the regional water planning process in this cycle. In the meantime, please send any comments or questions to your ETRWPG consultant team representative. Thank you for taking time to review this information.

Yours very truly,

A handwritten signature in black ink, appearing to read 'KH' followed by a stylized flourish.

Kelley Holcomb, Chair  
East Texas Regional Water Planning Group

Enclosure: Jefferson County Projection Summary Table  
Projection Criteria for Adjustment and Data Requirements

cc: Ms. Stacy Corley, City Secretary, City of Nacogdoches  
Rex Hunt, Alan Plummer Associates, Inc.  
Spandana Tummuri, Freese and Nichols, Inc.

**East Texas Regional Water Planning Area (Region I)**  
**Draft Population and Water Demand Projections for Jefferson County**

	WUG Name	DECADE OF PLAN					
		2020	2030	2040	2050	2060	2070
POPULATION PROJECTION	POPULATION SERVED BY WUGS	254,253	266,740	279,133	293,533	309,418	327,208
	COUNTY-OTHER, JEFFERSON	13,126	17,880	23,611	30,269	37,612	45,833
	TOTAL COUNTY POPULATION	267,379	284,620	302,744	323,802	347,030	373,041
MUNICIPAL WATER DEMAND (ACRE-FEET PER YEAR)	BEAUMONT	30,788	32,110	33,623	35,671	38,168	41,012
	BEVIL OAKS	134	135	138	146	156	167
	CHINA	142	145	150	157	168	180
	GROVES	2,218	2,141	2,076	2,051	2,045	2,045
	JEFFERSON COUNTY WCID 10	493	499	510	534	570	612
	MEEKER MWD	431	444	462	488	521	560
	NEDERLAND	2,436	2,498	2,580	2,718	2,904	3,119
	PORT ARTHUR	19,234	19,205	18,984	18,939	18,920	18,919
	PORT NECHES	1,431	1,450	1,484	1,557	1,662	1,785
	WEST JEFFERSON COUNTY MWD	741	752	771	809	863	926
	COUNTY-OTHER, JEFFERSON	2,076	2,733	3,541	4,503	5,586	6,802
TOTAL MUNICIPAL WATER DEMAND	60,124	62,112	64,319	67,573	71,563	76,127	
NON MUNICIPAL WATER DEMAND (ACRE-FEET PER YEAR )	MANUFACTURING	105,999	113,536	113,536	113,536	113,536	113,536
	MINING	194	216	244	294	329	368
	STEAM-ELECTRIC	3,291	3,291	3,291	3,291	3,291	3,291
	LIVESTOCK	837	837	837	837	837	837
	IRRIGATION	88,536	88,536	88,536	88,536	88,536	88,536
TOTAL COUNTY WATER DEMAND (ACRE-FEET PER YEAR)		258,981	268,528	270,763	274,067	278,092	282,695