



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

November 6, 2017

Honorable Joel Hale
County Judge
Rusk County
115 N Main, #104
Henderson, TX 75632

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

Dear Judge Hale:

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 Rusk 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 Rusk County, and they are part of the 5th 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.

For your consideration, please review the enclosed summary projection table for Rusk 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
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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: Rusk 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 Rusk County

	WUG Name	DECADE OF PLAN					
		2020	2030	2040	2050	2060	2070
POPULATION PROJECTION	POPULATION SERVED BY WUGS	49,666	55,320	60,835	66,771	72,963	79,399
	COUNTY-OTHER, RUSK	9,606	10,747	11,834	12,992	14,175	15,381
	TOTAL COUNTY POPULATION	59,272	66,067	72,669	79,763	87,138	94,780
MUNICIPAL WATER DEMAND (ACRE-FEET PER YEAR)	CHALK HILL SUD	332	352	375	404	440	478
	CROSS ROADS SUD	259	273	288	310	337	366
	CRYSTAL FARMS WSC	104	111	118	127	139	151
	EBENEZER WSC	130	141	152	165	180	196
	ELDERVILLE WSC	128	141	155	170	188	207
	GASTON WSC	192	205	220	238	259	282
	GOODSPRINGS WSC	260	275	292	315	343	372
	HENDERSON	3,741	4,098	4,454	4,859	5,301	5,764
	JACOBS WSC	283	303	325	352	383	417
	KILGORE	717	783	848	924	1,008	1,095
	MINDEN BRACHFIELD WSC	100	111	123	135	147	160
	MT ENTERPRISE WSC	305	330	356	387	422	459
	NEW LONDON	870	955	1,040	1,136	1,240	1,348
	NEW PROSPECT WSC	91	96	101	109	118	129
	OVERTON	554	604	654	713	777	845
	SOUTH RUSK COUNTY WSC	188	200	213	230	250	272
	SOUTHERN UTILITIES	72	75	80	85	92	100
	TATUM	234	254	275	300	327	355
	WEST GREGG SUD	16	17	18	20	22	23
	WRIGHT CITY WSC	57	61	66	71	78	84
COUNTY-OTHER, RUSK	1,042	1,111	1,182	1,278	1,390	1,507	
TOTAL MUNICIPAL WATER DEMAND	9,675	10,496	11,335	12,328	13,441	14,610	
NON MUNICIPAL WATER DEMAND (ACRE-FEET PER YEAR)	MANUFACTURING	32	34	34	34	34	34
	MINING	2,990	4,007	3,870	3,724	3,601	3,592
	STEAM-ELECTRIC	45,304	45,304	45,304	45,304	45,304	45,304
	LIVESTOCK	1,660	1,683	1,714	1,745	1,777	1,777
	IRRIGATION	276	276	276	276	276	276
TOTAL COUNTY WATER DEMAND (ACRE-FEET PER YEAR)	59,937	61,800	62,533	63,411	64,433	65,593	