



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

November 6, 2017

Honorable Mike Perry
County Judge
Nacogdoches County
101 W Main, Ste 170
Nacogdoches, TX 75961

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

Dear Judge Perry:

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 Nacogdoches County, Texas, which is located within the ETWPWA. 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 Nacogdoches County, and they are part of the 5th cycle of regional water planning for the ETWPWA. 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 Nacogdoches 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:

Rex Hunt, P.E.
rhunt@apaienv.com
Phone: (512) 452-5905
Fax: (512) 452-2325

Alan Plummer Associates, Inc.
6300 La Calma Drive, Suite 400
Austin, TX 78752-3825

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", written over a light blue horizontal line.

Kelley Holcomb, Chair
East Texas Regional Water Planning Group

Enclosure: Nacogdoches 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 Nacogdoches County

	WUG Name	DECADE OF PLAN					
		2020	2030	2040	2050	2060	2070
POPULATION PROJECTION	POPULATION SERVED BY WUGS	65,386	73,458	81,411	89,874	98,831	108,191
	COUNTY-OTHER, NACOGDOCHES	6,750	7,582	8,404	9,281	10,204	11,173
	TOTAL COUNTY POPULATION	72,136	81,040	89,815	99,155	109,035	119,364
MUNICIPAL WATER DEMAND (ACRE-FEET PER YEAR)	APPLEBY WSC	658	722	787	862	946	1,035
	CARO WSC	254	272	292	317	347	380
	CUSHING	166	181	197	216	237	259
	D & M WSC	904	993	1,086	1,189	1,305	1,428
	ETOILE WSC	255	275	297	323	354	387
	GARRISON	252	277	302	331	363	397
	LILLY GROVE SUD	369	404	440	481	528	577
	MELROSE WSC	410	447	485	529	581	635
	NACOGDOCHES	6,868	7,514	8,177	8,945	9,818	10,742
	SWIFT WSC	424	461	499	545	598	654
	WODEN WSC	340	368	396	432	473	518
	COUNTY-OTHER, NACOGDOCHES	686	749	827	909	996	1,090
	TOTAL MUNICIPAL WATER DEMAND	11,586	12,663	13,785	15,079	16,546	18,102
NON MUNICIPAL WATER DEMAND (ACRE-FEET PER YEAR)	MANUFACTURING	2,508	2,529	2,529	2,529	2,529	2,529
	MINING	7,000	4,500	1,643	1,299	958	707
	STEAM-ELECTRIC	0	0	0	0	0	0
	LIVESTOCK	9,693	10,122	10,619	11,195	11,854	12,836
	IRRIGATION	266	266	266	266	266	266
TOTAL COUNTY WATER DEMAND (ACRE-FEET PER YEAR)		31,053	30,080	28,842	30,368	32,153	34,440