



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

November 6, 2017

Honorable Sydney Murphy
County Judge
Polk County
101 W Church, #300
Livingston, TX 77351

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

Dear Judge Murphy:

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 Polk County, Texas, which is located, in part, 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 Polk 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 Polk County. This table is derived from the TWDB draft projections for all water-use categories referenced above. We are aware your county also falls within Region H, however this table only applies to the portion located within Region I.

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: Polk 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 Polk County

	WUG Name	DECADE OF PLAN					
		2020	2030	2040	2050	2060	2070
POPULATION PROJECTION	POPULATION SERVED BY WUGS	5,139	5,728	6,216	6,660	7,052	7,401
	COUNTY-OTHER, POLK	3,820	4,280	4,618	4,877	5,060	5,173
	TOTAL COUNTY POPULATION	8,959	10,008	10,834	11,537	12,112	12,574
MUNICIPAL WATER DEMAND (ACRE-FEET PER YEAR)	CHESTER WSC	39	39	39	39	39	40
	CORRIGAN	231	248	260	276	288	299
	DAMASCUS-STRYKER WSC	194	210	222	234	245	254
	LAKE LIVINGSTON WATER SUPPLY AND SEWER SERVICE	68	76	84	93	102	112
	MOSCOW WSC	52	57	60	64	67	69
	SODA WSC	11	12	12	13	13	14
	COUNTY-OTHER, POLK	397	428	449	468	483	494
	TOTAL MUNICIPAL WATER DEMAND	992	1,070	1,126	1,187	1,237	1,282
NON MUNICIPAL WATER DEMAND (ACRE-FEET PER YEAR)	MANUFACTURING	433	466	466	466	466	466
	MINING	123	97	72	46	20	9
	STEAM-ELECTRIC	0	0	0	0	0	0
	LIVESTOCK	174	174	174	174	174	174
	IRRIGATION	230	230	230	230	230	230
TOTAL COUNTY WATER DEMAND (ACRE-FEET PER YEAR)		1,952	2,037	2,068	2,103	2,127	2,161

NOTE: The population and water demands provided are only for the portion of Polk County within the East Texas Regional Water Planning Area.