

## NOTICE OF OPEN MEETING

Notice is given that a **Regular Meeting** of the Board of Directors of the Barton Springs/Edwards Aquifer Conservation District will be held in the **District office**, 1124 Regal Row, Austin, TX, on **Thursday, December 17, 2009, commencing at 6:00 p.m.** for the following purposes, which may be taken in any order at the discretion of the Board:

Note: The Board of Directors of the Barton Springs/Edwards Aquifer Conservation District reserves the right to adjourn into Executive Session at any time during the course of this meeting to discuss any of the matters listed on this agenda, as authorized by the Texas Government Code Sections §551.071 (Consultation with Attorney), 551.072 (Deliberations about Real Property), 551.073 (Deliberations about Gifts and Donations), 551.074 (Personnel Matters), 551.076 (Deliberations about Security Devices), 551.087 (Economic Development) 418.183 (Homeland Security). No final action or decision will be made in Executive Session.

**1. Call to Order.**

**2. Citizen Communications (Public Comments).**

**3. Routine Business.**

a. **Consent Agenda** Note: These items may be considered and approved as one motion. Directors or citizens may request any consent item be removed from the consent agenda, for consideration and possible approval as an item of Regular Business.

1. Approval of Financial Reports under the Public Funds Investment Act, Directors' Compensation Claims, and Specified Expenditures greater than \$5,000.
2. Approval of minutes from the November 19, 2009, Regular Meeting & Public Hearings.
3. Approval of a Conservation Credit for the City of Sunset Valley that was earned in FY 2009.

b. **General Manager's Report.** Note: Topics discussed in the General Manager's Report are intended for general administrative and operational information-transfer purposes. The Directors will not take any action on them in this meeting, unless the topic is specifically listed elsewhere in this as-posted agenda.

1. Personnel matters and utilization;
2. Upcoming public events of possible interest;
3. Aquifer conditions and status of drought indicators.

4. Discussion related to current staff work areas and specific activities of staff teams and directors. Note: Individual topics listed below may be discussed by the Board in this meeting, but no action will be taken unless a topic is specifically posted elsewhere in this agenda as an item for possible action. A Director may request an individual topic that is presented only under this agenda item be placed on the posted agenda of some future meeting for Board discussion and possible action.
  - i. Update on 319(h) and HCP grant projects.
  - ii. Update on GMA-9 activities and status.
  - iii. Update on Technical Team activities
  - iv. Update on intergovernmental water conservation coordinating group activities.
  - v. Update on progress and schedule in developing the District's 2009 Annual Report.

**4. Regular Meeting: New Business.**

- a. Discussion and possible action related to approving a change in drought status of the District, from Alarm Stage Drought to No Drought.
- b. Discussion and possible action on legislator/county commissioner comments on TCEQ decisions and interfaces.
- c. Discussion and possible action related to the development of the District Board's recommendations to the GMA 10 Coordinating Committee concerning Desired Future Conditions for one or more relevant aquifers in the Northern Subdivision of the GMA, including establishing a schedule for public meeting(s) and for future Board action on establishing such recommendations, as part of the joint regional groundwater planning process.
- d. Discussion and possible action on approving an extension of the well drilling authorization for St. Andrews High School.
- e. Discussion and possible action related to interpreting "domestic use" more broadly, to include certain non-residential uses that have similar use characteristics, and to approve the resulting inclusion of a prospective public-safety facility as an "exempt" user.

**5. Regular Meeting: Continued Business.**

- a. Discussion and possible action related to the use of treated municipal wastewater as an alternate water supply for Centex and Texas Lehigh.

- b. Discussion and possible action related to the Alarm Stage Drought management program of the District, including 1) compliance by District permittees with their User Drought Contingency Plans in November 2009, and 2) possible initiation of additional enforcement actions as warranted.
- c. Discussion and possible action related to status and progress on the contested-case SOAH proceedings associated with the TCEQ preliminary decision on the TLAP for Jeremiah Venture, L.P.
- d. Discussion and possible action related to the Travis County Water Control and Improvement District 10 decision on annexing Ridgewood Village Water System as it relates to the District's Agreed Order with RVWS.
- e. Discussion and possible action related to pumping of non-flood flows of Onion Creek by a private individual in the contributing zone to fill a large reservoir for uses that appear to be other than domestic and livestock or wildlife conservation.

**6. Adjournment.**

Came to hand and posted on a Bulletin Board in the Courthouse, Travis County, Texas, on this, the \_\_\_\_<sup>th</sup> day of December, 2009, at \_\_\_\_\_ .m.

\_\_\_\_\_, Deputy Clerk

Travis County, TEXAS

**Please note:**

This agenda and available related documentation have been posted on our website, [www.bseacd.org](http://www.bseacd.org). If you have a special interest in a particular item on this agenda and would like any additional documentation that may be developed for Board consideration, please let staff know at least 24 hours in advance of the Board Meeting so that we can have those copies made for you.

The Barton Springs/Edwards Aquifer Conservation District is committed to compliance with the Americans with Disabilities Act (ADA). Reasonable accommodations and equal opportunity for effective communications will be provided upon request. Please contact the District office at 512-282-8441 at least 24 hours in advance if accommodation is needed.

## **Item 3**

### **Routine Business**

**b. General Manager's Report. Note: Topics discussed in the General Manager's Report are intended for administrative and operational information-transfer purposes. The Directors will not deliberate any issues arising from such discussions and no decisions on them will be taken in this meeting, unless the topic is specifically listed elsewhere in this as-posted agenda.**

- 1. Personnel matters and staff utilization**
- 2. Upcoming events of possible interest**
- 3. Aquifer conditions.**
- 4. Discussion related to current staff work areas and specific activities of staff teams and directors Note: Individual topics listed below may be discussed by the Board in this meeting, but no action will be taken unless a topic is specifically posted elsewhere in this agenda as an item for possible action. A Director may request an individual topic that is presented only under this agenda item be placed on the posted agenda of some future meeting for Board discussion and possible action.**

- i. Update on 319(h) and HCP grant projects.**
- ii. Update on GMA-9 activities and status.**
- iii. Update on Technical Team activities**
- iv. Update on intergovernmental water conservation coordinating group activities**
- v. Update on progress and schedule in developing the District's 2009 Annual Report.**

**STATUS REPORT UPDATE FOR DECEMBER 17, 2009, BOARD MEETING**

Prepared by District Team Leaders

GENERAL MANAGEMENT TEAM	Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
	W.F. Holland			C
Summary of Significant Ongoing Activities	WFH	11-Dec-09	General Manager activities and notes	GM activities of note since last report include: Attended Envision Central Texas Natural Infrastructure Committee meeting and reviewed Greenprinting progress; Attended Water/Texas legislative conference in Ft Worth. Participation in settlement discussions with SOS and Kyle concerning contested-case; prepared testimony and witnesses and took part in contested-case evidentiary hearing; Met with legislators/offices (Watson, Wentworth) and County Commissioners (Ford, Huber) concerning recent TCEQ reports and actions, with others scheduled; Attended TAGD Members meeting, and recorded minutes; Continued work on revising table for HCP Committed Measures and other HCP documentation; Participated in BAT meeting; Attended RWQPP work group meeting; Prepared letter in support of UT Jackson School grant proposal for geoscience and related policy-making curriculum development to National Science Foundation; Attended SBCA annual awards and holiday party and helped represent District as award recipient; prepared Annual Report sections; continued interfacing with Centex and Texas Lehigh on both effluent reuse option and on rulemaking issues; Attended Hays Trinity GCD Board meeting to participate in discussions with Patrick Rose about stakeholder process for next legislative session; Provided continued coordination and oversight of various internal team activities (below).
Potential Future Board Considerations	WFH	11-Dec-09	Possible future Board agenda items (not necessarily next Board meeting)	Declare new (no)drought condition. Briefing by consultant on HCP biological risk assessment. Briefing by consultant on HCP alternatives effects. Possibly convene public meetings on DFCs for GMA-9 and -10. Establish recommendations on DFCs for GMA 10. Agreements with EAA and Plum Creek GCD regarding regulatory approaches in areas of overlap. Approve ILA(s) with amendment and transport permit applications; Authorize settlement provisions for Jeremiah Venture TLAP. Consider action to promote desal facility at TDS. Approve production permit applications with tandem Trinity-Edwards permitting approach. Consider a cap-and-trade or cap-and-retain program. Assess progress toward Management Plan objectives for inclusion in Annual Report.
<b>ADMINISTRATIVE PROCESSES TEAM</b>				
319(h) Grant	DCW	08-Dec-09	TCEQ Invoice #10 of the 319(h) grant for the period of Sept 1, 2009 through Nov 30, 2009 - in process .	
Accounting - Regulatory Compliance	DCW	08-Dec-09	Drought Management Fee monthly tracking process	None for the month of December.
Administration - Policy	Planning Team	08-Dec-09	Annual Report creation (new format this year to go along with new Management Plan requirements).	In process. Appendix B to be addressed at Board Meeting on the 17th.

	Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
Accounts Receivable	DCW	08-Dec-09	FY 2010 January monthly billings mailed 12.8.2009 and due on 1.5.2010.	Amount billed \$15,842.46.
Audit - Administration	DWC	08-Dec-09	Annual Audit in progress.	Initial date November 16th and finish date expected in mid-January when Board will approve annual report with audit. report included.
Records Management	DWC	11-Dec-09	In process of task tagging boxed files for disposition / destruction according to the TSLAC-approved District Records Retention Schedule.	
<b>REGULATORY COMPLIANCE TEAM</b>				
John Dupnik				
Enforcement	JD, GR	11-Dec-09	Enforcement and Compliance Evaluations	There are no pending enforcement actions.
Drought Management	JD, GR	11-Dec-09	Drought Compliance Monitoring and Enforcement	November pumpage will be available at the upcoming Board meeting
TCEQ Rule Making	JD, KH	11-Dec-09	New draft TCEQ rules related to direct discharges in the Barton and Onion Creek Watersheds	On 11/09/08 the TCEQ denied the petition but directed TCEQ staff to start the stakeholder process to fully vet the issues. The first meeting was held 1/16/09 at which the City of Austin, BSEACD, and other regional scientists and technical people gave technical presentations that generally supported the rule petition. A follow-up meeting as held on 3/26/09. District staff attended the Stakeholder's meeting on 9/30/09 for the purpose of discussion of a proposed rule drafted by the ED. TCEQ was accepting comments on the draft rule up until 10/14/09. Staff has prepared and sent comments in for TCEQ's consideration. TCEQ has indicated that they would consider all comments and that formal rulemaking is anticipated to be initiated in January of 2010.
Rule Development	JD, KH	11-Dec-09	Review and draft proposed rules for: management zones, extreme drought, and other areas as necessary	Rules adopted 9-10-09. Centex and Lehigh have requested reconsideration of certain rule provisions. They have questions about how the rule triggering 100% curtailment in ERP for irrigation and industrial permits was deliberated. The District has met with Centex and Lehigh to discuss the rule issues. Staff will provide an update on the meeting discussions at the upcoming Board meeting.
External Permit Reviews	JD, KH	11-Dec-09	TLAP/TPDES permits - Jeremiah Venture	Jeremiah Venture - The BSEACD has been designated as a party to the contested case hearing. All parties have agreed to abate the proceedings to discuss settlement options and to allow a third party geologist the review the findings of the protestants site investigation.
Region K/L Water Planning Group	JD, KH	11-Dec-09	Participate in Regional Water Planning Groups	JD attended the last Region K meeting on 12-8-09. In this meeting, the group discussed proposed water supply strategies for the identified shortages. Strategies discussed for District WUGs included Desal of Brackish Edwards and Drought management. JD commented that future Edwards availability numbers needed to be qualified to be limited to saline zone Edwards.
City of Buda Effluent Reuse	JD, BH, NB	11-Dec-09	Discussions with City of Buda, Texas Lehigh, and Centex Materials on the possibilities of supplementing Edwards groundwater pumpage with treated effluent.	Staff has since been in talks with Carbon Shrink to identify all possible options. Carbon Shrink has provide recommendations the Lehigh, however, the District has not review the findings. This item was also among the issues discussed in recent meetings with Centex and Lehigh. All parties have agreed that alternative sources are needed and that we all needed to continue to pursue those options.

	Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
Well Construction Standards	JD	11-Dec-09	Update to Standards as possible rule amendment	Draft Standards have been completed and initially presented to the Board. The Board has instructed staff to convene a technical advisory committee to review and comment on the draft. The Board has approved staff's recommendations of Advisory committee participants. Staff held this meeting on 12/2/09 but with limited participation. JD agreed to make revisions that were discussed in the meeting and provide changes to the committee. A draft for Board consideration is anticipated within a couple of months.
Current Active Applications	JD, GR, JB	11-Dec-09	City of Kyle Pumpage A Amendment and Transport Permit;	City of Kyle - The public hearing for the Kyle Permit application commenced on 8/27/09. The Board has granted party status to SOS as protestants in a contested case. The hearing on the merits began on 12-5-09 and was completed on 12-8-09. The Board has schedule to item to be considered for possible action in the 2-11-10 Board meeting.
<b>EDUCATION &amp; OUTREACH</b>				
	Robin Gary			
Citizens' Water Conservation Task Force	RG	07-Dec-09	Develop strategies for CoA Water Utilities to reduce water use	The Chair of the Task Force updated City Council on progress at the Nov. 5th Council Meeting. The deadline for the report has been extended to the beginning of March. A final draft will be available at the end of February. The weekly meetings focus suggestions on themes for conservation strategies, incentives and ordinance revisions--Indoor, Outdoor, Institutional, Public Information, Education.
KDBJ Field Trip	RG, SD	24-Nov-09	4th Grade Field Trip to Quarry	Robin and Shannon hosted an activity designed to teach students about the recharge zone of the Barton Springs segment of the Edwards Aquifer. Approximately 150 4th grade students from Eanes ISD visited KDBJ to learn about the quarry, karst aquifers, native plants, and the recharge zone. Partners were TCEQ, Hill Country Conservancy, and the KDBJ Quarry.
Save Barton Creek Annual Awards Ceremony	RG, KH	23-Nov-09	District receives award for Drought Education efforts	Save Barton Creek Association recognized the District's Drought Education efforts at their annual awards ceremony.
Drought Coordination Meeting	RG	07-Dec-09	Coordination meeting with Austin Water Utility, the District and LCRA	Robin met with Daryl Slusher, Nancy McClintock, Karen Bonde, and Nora Mularkey to coordinate drought response in central Texas. The group identified the beginning of the Water Conservation period (May 1) as an opportunity to convey a coordinated message to the public because all organizations share a similar message. Additionally, AWU and LCRA argued that a weekly watering schedule helps to reduce water use and facilitate enforcement of watering restrictions. The District is investigating this point.
<b>PROJECT TEAMS</b>				
HCP Completion Project	WFH	11-Dec-09	Summary of HCP follow-on project-related activities	Held BAT meeting to review Potet and Brooks's results and accept it as biological basis for the HCP. BAT reviewed recent update on water balance analyses by Raymond Slade and Kent Butler concerning effect of various management scenarios on springflow. Kent and Kirk still working on editing/revising gHCP document. Now have our second new FWS project manager on board, Ms. Charlotte Kucera. We will need to request a time extension to grant project, but will wait until first round of revisions is complete.

	Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
319(h) Grant Onion Creek Recharge Enhancements	BS, BH, JB	11-Dec-09	Workplan for 319(h) grant	All work at Antioch Cave has been completed and there have been two minor flow events. TCEQ and EPA have approved the installation of a multipoint monitor well at Antioch, paid for in part with grant funds.
<b>CONTINUING AQUIFER RESEARCH</b>				
Brian Smith				
Dye Tracing	BS, BH, JB	11-Dec-09	Dye tracing	A feature on the Blanco River was injected on 2/26/09. San Marcos and Barton Springs are being monitored along with a number of wells. With drought conditions, but with ongoing recharge from the Blanco River, this is an optimal time to look for flow from the Blanco to either spring, or both. A report is being prepared by the partners in the study.
Saline Zone Studies	BS, BH, JB	11-Dec-09	Edwards Saline Zone Workshop II	A workshop was held on June 3 at the TDS Pavilion as a follow-up to a workshop held in August 2008. District staff summarized technical issues associated with using the saline zone for desalination and ASR. Other parties discussed their experience with desalination and the saline zone. TDS drilled an exploratory well on their property in June. Plum Creek CD is expected to provide some funds towards studies of the saline zone.
Water-Quality Studies	BS, BH, JB	11-Dec-09	Sampling and analysis of groundwater and surface water	We sampled the District's multipoint well June 9-12 analyzing 13 zones for major ions and key isotopes. Additional sites (wells and springs) were sampled in June. Results of major ions and isotopes have been received, and we are reviewing the data.
Water-Level Monitoring	BH, BS, JB	11-Dec-09	Drought status, monitor wells, and synoptic water level events	Drought status was changed from Critical Stage to ALARM STAGE DROUGHT by the Board on October 22, 2009. A major rain event occurred on September 12 with up to 8 inches of rain over some parts of the recharge zone. Additional rains in October and November have caused the major creeks to flow for an extended period. On December 11, Barton Springs was at about 62 cfs. The water level in the Lovelady well has risen about 20 ft (to 177.6) since September 12. The aquifer is likely to be above both alarm stage drought triggers by Dec. 19.
Edwards/Trinity Studies	BS, BH	11-Dec-09	Installation of Westbay multipoint well	The District's Westbay multipoint well was completed in Feb. 2008. Since completion, all zones in the wells have been sampled and analyzed for water quality and all zones have been tested for hydraulic conductivity. Pressure measurements (water level) have been made on a near monthly basis. Edwards water levels have been declining less than Trinity water levels. The well was sampled again this summer (June 2009). Samples were analyzed for several isotopes to help determine age and origin of the water in each zone.
Information Transfer	BS, BH, JB	11-Dec-09	Presentations, conferences, reports, and publications	A technical paper on the District's multipoint well was submitted to the USGS for inclusion in a Professional Paper on the Edwards Aquifer. A paper on the same subject was published in the October issue of the South Texas Geological Society Bulletin. Brian Smith served on a planning team for a conference hosted by the River Systems Institute in November. He and Robin Gary gave presentations at the conference. Brian Smith was invited to present a paper about the Antioch BMP at an Underground Injection Control conference in Austin in January.



	Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
<b>AD-HOC TEAMS</b>				
Planning Team	WPH	11-Dec-09	Strategic and Tactical Planning; Technical Team	Technical Team discussing ongoing groundwater and aquifer activities and issues, including effluent on recharge zone and new TWDB modeling for establishing DFCs. Planning Team revamping format for Annual Report and preparing input for Board to assess progress against Management Plan elements. Still working on document retention procedures and new policy statement.
Facility Remodeling and Expansion Team	WPH	Inactivated	Evaluation of alternative approaches to new office facilities at current location	No change. Internal team not yet selected. Have not yet solicited SOOs for architectural or project design services. Are waiting on possible annexation decision before starting this effort.
<b>UPCOMING ITEMS OF INTEREST</b>				
UT-CLE Texas Water Law Institute		10-Dec-09	Through 12/11/09, at Hyatt Regency Austin (\$\$\$)	
District Holiday Party for Stakeholders		11-Dec-09	6:30- 9:00 pm, Bob Larsen's residence	
December Board Meeting		17-Dec-09		
Office Closed for Christmas Week		21-Dec-09	Monday - Tuesday, Additional days of Christmas Week	
Christmas Holidays - District Office Closed		23-Dec-09	Wed-Fri, 12/23/09 through 12/25/09	
First January Board Meeting		14-Jan-10		
Angelou Economics Forecast for 2010-2011,		21-Jan-10	7:00-9:45 AM, Convention Center Ballroom ABC	
Board Work Session on Annual Reporting and Strategic/Tactical Planning		23-Jan-10	Saturday, 9 AM - 12 Noon, at District office	
Second January Board Meeting		28-Jan-10		
First February Board Meeting		11-Feb-10	Decision on Kyle Permits Amendments; Presentation by Dr. Bryan Brooks on HCP biology;	
Presentation to Plum Creek CD Board on specific desal project activities to be funded by PCCD		17-Feb-10	2pm meeting CTO; at offices in Lockhart (BL, BAS, KH?)	
Second February Board Meeting		25-Feb-10	Presentation by Dr. Kent Butler on springflow conditions under various management scenarios; Establish DFC recommendations for relevant aquifers	

# Draft Outline for 2009 Annual Report

## **Background / Introduction**

District General Information  
District Mission and Vision Statements

## **District Programs (overview, scope to reference Appendix B)**

General Management  
**Team Highlights**  
Administrative  
**Team Highlights**  
Education and Community Outreach  
**Team Highlights**  
Regulatory Compliance  
**Team Highlights**  
Aquifer Science  
**Team Highlights**

## **Board's Evaluation and Assessment of Objectives and Metrics**

### **Required Data and Information**

Aquifer Status  
Grant Programs  
Professional Services  
Capital Projects  
Evaluation of District's Long Range Plan Pursuant to 36.1071  
Self Evaluation Pursuant to the Valdez Principles  
Financial Report

### **Appendix A**

District Independent Financial Audit Report

### **Appendix B (data and info used to assess progress towards goals and objectives)**

Evaluation of Progress Towards Goals and Objectives

### **Legend**

Black = standard Annual Report sections

Blue = new sections

Red = dana notes

## **Item 4**

### **Regular Meeting: New Business**

**d. Discussion and possible action related on approving an extension of the well drilling authorization for St. Andrews High School.**



December 2, 2009

Mr. John Dupnik, P.G.  
Environmental Permit Specialist  
Barton Springs/Edwards Aquifer Conservation District  
1124 Regal Row  
Austin, Texas 78748

Re: Extension Request  
Drilling Permit for New Water Well  
St. Andrew's Episcopal School, Upper School Campus  
Production Permit No. P042-99-00

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Dear Mr. Dupnik:

On December 11, 2008 the Barton Springs/Edwards Aquifer Conservation District approved an application for St. Andrew's School to drill a new water production well for irrigation of their school site on Southwest Parkway. St. Andrew's School requests that the District authorize a one (1) year extension of this permit to drill this well. Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink that reads 'Thomas E. Caponi'.

Thomas E. Caponi, P.E.  
Vice President

Cc: Mr. Paul Bury, P.E., Bury+Partners, Inc.

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BURY+PARTNERS, INC.  
221 West Sixth Street, Suite 600  
Austin, Texas 78701

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## **Item 4**

### **Regular Meeting: New Business**

**e. Discussion and possible action related to interpreting “domestic use” more broadly, to include certain non-residential uses that have similar use characteristics, and to approve the resulting inclusion of a prospective public-safety facility as an “exempt” user.**

*Travis County Emergency Services District #5*  
*PO Box 1239*  
*Manchaca, Texas 78652*

December 9, 2009

W. F. Holland, Chief Operating Officer  
Barton Springs / Edwards Aquifer Conservation District  
1124 Regal Row  
Austin, Texas 78748

Mr. Holland:

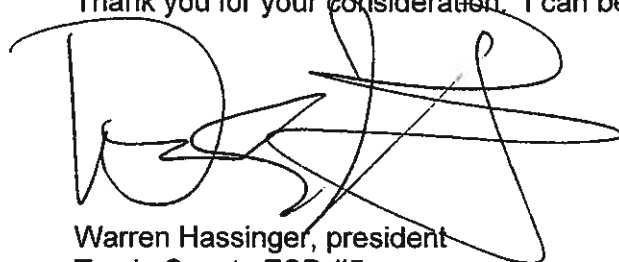
My name is Warren Hassinger, and I am the president of Travis County Emergency Services District #5. We are the providers of fire protection and EMS first response (through Manchaca Fire / Rescue) for the unincorporated area of southwest Travis County roughly bounded by I-35, Hays County boundary line, the Shady Hollow subdivision and Slaughter Lane. We also serve the City of San Leanna.

Travis County ESD #5 has entered into a contract to purchase approximately fourteen acres of undeveloped land located on the south side of FM 1626 / Bethel Church Road, for the sole purpose of constructing a manned fire station facility to serve the community. Travis County ESD #5 does not currently have a fire station of sufficient size or location that is suitable for housing emergency responders. Our plans are to complete the purchase before December 31, 2009.

Preliminary plans for the fire station facility include an approximately 9,500 square foot structure suitable for house fire apparatus and personnel. The facility will be occupied 24 hours, 365 days by as few as two and as many as six personnel.

Per our recent discussions, I am requesting authorization for Travis County Emergency Services District #5 to drill a water well into the Edwards Aquifer and to pump sufficient quantities of water to meet the fire station needs including: drinking, bathing, cooking, washing, etc. The ESD is not seeking authorization to pump water for firefighting purposes or for the refilling of fire apparatus.

Thank you for your consideration. I can be reached at 512 247-8352.



Warren Hassinger, president  
Travis County ESD #5

## **Item 5**

### **Regular Meeting: Continued Business.**

- b. Discussion and possible action related to the Alarm Stage Drought management program of the District, including 1) compliance by District permittees with their User Drought Contingency Plans in November 2009, and 2) possible initiation of additional enforcement actions as warranted.**



Drought Analysis Report

Owner - System	Permitted Pumpage	# Conn.	Alt. SrCs.	Jun 2009 Pumpage	Jun 2009 Target	Jun 2009 %	Jul 2009 Pumpage	Jul 2009 Target	Jul 2009 %	Aug 2009 Pumpage	Aug 2009 Target	Aug 2009 %	Sep 2009 Pumpage	Sep 2009 Target	Sep 2009 %	Oct 2009 Pumpage	Oct 2009 Target	Oct 2009 %	Nov 2009 Pumpage	Nov 2009 Target	Nov 2009 %
<b>Tier 1 (&lt;12M gallons/year)</b>																					
Manchaca Baptist Church	600,000	1	0	14,900	35,700	-58%	31,500	42,000	-25%	32,900	46,620	-29%	26,100	39,480	-34%	23,900	41,280	-42%	39,900	38,880	3%
Glen Schuknecht	480,000	1	0	28,010	31,920	-12%	25,960	40,656	-36%	23,930	40,320	-41%	14,740	33,600	-56%	15,130	31,872	-53%	27,440	26,880	2%
Michael Thames Custom Homes	100,000	1	0	9,500	5,950	60%	450	7,000	-94%	10,710	7,770	38%	5,760	6,580	-12%	6,590	6,880	-4%	6,580	6,480	2%
Comal Tackle Company	843,750	1	0	59,880	62,016	-3%	61,600	62,606	-2%	58,040	59,062	-2%	45,850	46,069	0%	48,700	49,275	-1%	47,400	47,250	0%
Guinn Robert	0	1	0	0	0	0%	0	0	0%	1	0	0%	0	0	0%	0	0	0%	0	0	0%
Jackie's Dance & Gymnastics	0	1	0	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%	0	0	0%
Lockaway Storage	100,000	1	0	13,700		0%	9,920		0%	5,540		0%	7,760		0%	5,560		0%	4,730		0%
Lougheed Scott - Crestview R.v.	2,000,000	1	0	72,100	133,000	-46%	70,800	169,400	-58%	89,600	168,000	-47%	87,500	140,000	-38%	96,500	132,800	-27%	93,400	112,000	-17%
Randolph Austin Company	585,000	1	0	39,000	34,808	12%	21,200	40,950	-48%	35,400	45,454	-22%	27,000	38,493	-30%	34,000	40,248	-16%	31,200	37,908	-18%
Aqua Texas, Inc. - Mooreland	6,000,000	1	0	365,000	399,000	-9%	382,000	508,200	-25%	398,000	504,000	-21%	262,000	420,000	-38%	324,000	398,400	-19%	273,000	336,000	-19%
Texanna Properties, Inc.	1,649,250	1	0	119,700	109,675	9%	98,800	139,691	-29%	63,400	138,537	-54%	90,599	115,448	-22%	80,201	109,510	-27%	72,800	92,358	-21%
Benjamin Rosas	1,000,000	1	0	45,550	66,500	-32%	64,850	84,700	-23%	55,400	84,000	-34%	54,900	70,000	-22%	53,210	66,400	-20%	43,560	56,000	-22%
J. D. Malone	2,000,000	1	0	265,300	133,000	99%	284,800	169,400	68%	212,500	168,000	26%	154,300	140,000	10%	89,200	132,800	-33%	82,700	112,000	-26%
The Inn Above Onion Creek	1,300,000	1	0	143,020	86,450	65%	187,660	110,110	70%	126,960	109,200	16%	59,970	91,000	-34%	51,670	86,320	-40%	50,270	72,800	-31%
Southern Hills Church Of Christ	400,000	1	0	6,360	26,600	-76%	16,550	33,880	-51%	12,810	33,600	-62%	13,080	28,000	-53%	2,560	26,560	-90%	14,730	22,400	-34%
Bear Creek Office Park	750,000	1	0	20,070	44,625	-55%	27,560	52,500	-48%	18,680	58,275	-68%	16,710	49,350	-66%	26,430	51,600	-49%	31,420	48,600	-35%
Gilbert C Johnson	9,500,000	1	0	754,340	731,500	3%	677,100	798,000	-15%	570,560	798,000	-29%	427,550	665,000	-36%	286,740	706,800	-59%	340,110	532,000	-36%
Aqua Texas, Inc. - Copper Hills	7,000,000	1	0	1,086,000	465,500	133%	538,000	592,900	-9%	529,000	588,000	-10%	331,000	490,000	-32%	227,000	464,800	-51%	250,000	392,000	-36%
St. John's Presbyterian Church	100,000	1	0	1,890	6,650	-72%	4,760	8,470	-44%	2,380	8,400	-72%	2,560	7,000	-63%	1,700	6,640	-74%	3,400	5,600	-39%
Park Hills Baptist Church	420,000	1	0	15,000	24,990	-40%	14,200	29,400	-52%	17,900	32,634	-45%	17,100	27,636	-38%	23,000	28,896	-20%	16,100	27,216	-41%
Mystic Oak Water Co-op	7,700,000	1	0	536,600	512,050	5%	373,900	652,190	-43%	441,800	646,800	-32%	292,000	539,000	-46%	234,700	511,280	-54%	253,900	431,200	-41%
St. Albans Episcopal Church	562,500	1	0	30,250	33,469	-10%	13,120	39,375	-67%	25,030	43,707	-43%	23,360	37,012	-37%	20,410	38,700	-47%	21,120	36,450	-42%
Rudy's Country Store	1,875,000	1	0	68,800	111,562	-38%	63,100	131,250	-52%	119,800	145,688	-18%	63,600	123,375	-48%	36,800	129,000	-71%	70,100	121,500	-42%
Railroad Bar-b-que	330,000	1	0	17,410	19,635	-11%	20,320	23,100	-12%	11,540	25,641	-55%	10,570	21,714	-51%	13,710	22,704	-40%	11,930	21,384	-44%
Oak Forest Water Supply Corporation	9,000,000	1	0	495,400	598,500	-17%	394,200	762,300	-48%	465,500	756,000	-38%	441,000	630,000	-30%	187,400	597,600	-69%	275,400	504,000	-45%
Whittington, Keith And Kelly	500,000	1	0	11,180	29,750	-62%	7,840	35,000	-78%	7,010	38,850	-82%	7,110	32,900	-78%	5,520	34,400	-84%	17,320	32,400	-47%
Mision Cristiana Maranatha	500,000	1	0	19,000	33,250	-43%	15,700	42,350	-63%	17,610	42,000	-58%	37,580	35,000	7%	23,830	33,200	-28%	14,790	28,000	-47%
St. Andrews School	8,000,000	1	0	414,200	604,800	-32%	465,500	672,000	-31%	826,900	739,200	12%	697,700	616,000	13%	188,700	672,000	-72%	283,900	627,200	-55%
Jackie's Dance & Gymnastics - Diamondscape	100,000	1	0	950	5,950	-84%	2,700	7,000	-61%	2,810	7,770	-64%	2,200	6,580	-67%	1,240	6,880	-82%	2,880	6,480	-56%
Texas-lehigh Cement Company - Spectrum	825,000	1	0	76,200	47,932	59%	131,836	49,088	169%	48,149	49,088	-2%	22,753	47,932	-53%	20,642	54,780	-62%	22,000	54,780	-60%
Hays Hills Baptist Church	600,000	1	0	30,330	35,700	-15%	24,810	42,000	-41%	18,220	46,620	-61%	19,680	39,480	-50%	22,620	41,280	-45%	15,080	38,880	-61%
Associated Drilling	2,000,000	1	0	110,200	133,000	-17%	34,000	169,400	-80%	23,100	168,000	-86%	47,700	140,000	-66%	48,500	132,800	-63%	43,200	112,000	-61%
Mccooy Corporation	120,000	1	0	1,890	7,140	-74%	1,440	8,400	-83%	1,960	9,324	-79%	2,290	7,896	-71%	3,300	8,256	-60%	2,960	7,776	-62%
V.f.w. Post No. 3377	500,000	1	0	18,720	31,010	-40%	16,930	37,646	-55%	17,650	39,984	-56%	12,530	33,656	-63%	14,410	33,968	-58%	10,600	30,816	-66%
Onion Creek Kennels	850,000	1	0	58,310	50,575	15%	74,590	59,500	25%	41,660	66,045	-37%	27,780	55,930	-50%	17,110	58,480	-71%	17,980	55,080	-67%
Travis County - Travis County Pct #3	1,500,000	1	0	0	89,250	-100%	22,590	105,000	-78%	50,800	116,550	-56%	55,680	98,700	-44%	20,950	103,200	-80%	30,910	97,200	-68%
The Porter Co. Mechanical Contractors	500,000	1	0	9,340	29,750	-69%	11,910	35,000	-66%	13,870	38,850	-64%	10,080	32,900	-69%	10,350	34,400	-70%	10,110	32,400	-69%
Onion Creek Memorial Park, Inc.	590,625	1	0	23,100	44,652	-48%	36,400	49,612	-27%	24,200	54,573	-56%	15,300	45,478	-66%	19,200	49,613	-61%	13,900	46,305	-70%
Sosebee E.y.	517,500	1	0	28,200	34,413	-18%	22,390	43,832	-49%	21,810	43,470	-50%	15,260	36,225	-58%	15,320	34,362	-55%	8,100	28,980	-72%
Twin Oaks Ranch Church Camp	1,000,000	1	0	80,368	59,500	35%	82,110	70,000	17%	75,550	77,700	-3%	63,900	65,800	-3%	31,790	68,800	-54%	17,720	64,800	-73%
Manchaca Bible Fellowship Baptist Church	100,000	1	0	820	5,950	-86%	610	7,000	-91%	680	7,770	-91%	5,600	6,580	-15%	1,340	6,880	-81%	1,130	6,480	-83%
Pcsi - Pcsi Water System	1,331,000	1	0	29,500	88,512	-67%	7,900	112,736	-93%	13,300	111,804	-88%	7,300	93,170	-92%	9,000	88,378	-90%	9,700	74,536	-87%
Church Of Christ At Buda/kyle	200,119	1	0	1,650	11,907	-86%	3,740	14,008	-73%	1,200	15,549	-92%	2,310	13,168	-82%	1,390	13,768	-90%	1,110	12,968	-91%
Texas-lehigh Cement Company - Howe	1,500,000	1	0	14,698	115,500	-87%	47,005	136,500	-66%	48,267	147,000	-67%	9,940	126,000	-92%	5,870	108,000	-95%	5,078	72,000	-93%
Hunt Enterprises	600,000	1	0	17,920	45,360	-60%	23,860	50,400	-53%	15,120	55,440	-73%	9,320	46,200	-80%	5,550	50,400	-89%	2,630	47,040	-94%
Hays County Youth Athletic Association	4,820,550	1	0	257,700	286,823	-10%	331,600	337,438	-2%	318,300	374,557	-15%	248,400	317,192	-22%	53,100	331,654	-84%	16,000	312,372	-95%
Barton Properties	800,000	1	0	40,220	50,400	-20%	76,030	61,880	23%	48,820	64,680	-25%	21,840	54,320	-60%	1,490	54,080	-97%	1,050	48,320	-98%
Lowden Bob - Painted Horse Pavilion	1,000,000	1	0	2,900	59,500	-95%	2,020	70,000	-97%	1,430	77,700	-98%	2,670	65,800	-96%	3,470	68,800	-95%	1,220	64,800	-98%
Uplifting Properties, Lp	3,602,101	1	0	82,070	119,000	-31%	90,270	140,000	-36%	76,480	155,400	-51%	560	131,600	-100%	360	137,600	-100%	340	129,600	-100%
Cook-walden/forest Oaks	5,000,000	1	0	0	378,000	-100%	0	420,000	-100%	0	462,000	-100%	0	385,000	-100%	0	420,000	-100%	0	392,000	-100%
Independence Park Condominium Community, Inc. - Inde	3,700,000	1	0	0	99,900	-100%	0	111,000	-100%	64,900	122,100	-47%	0	101,750	-100%	0	194,250	-100%	0	181,300	-100%
Kretchmar Alta Mae	100,000	1</																			



Drought Analysis Report

Owner - System	Permitted Pumpage	# Conn.	Alt. SrCs.	Jun 2009 Pumpage	Jun 2009 Target	Jun 2009 %	Jul 2009 Pumpage	Jul 2009 Target	Jul 2009 %	Aug 2009 Pumpage	Aug 2009 Target	Aug 2009 %	Sep 2009 Pumpage	Sep 2009 Target	Sep 2009 %	Oct 2009 Pumpage	Oct 2009 Target	Oct 2009 %	Nov 2009 Pumpage	Nov 2009 Target	Nov 2009 %
Neuro Institute Of Austin, L.p.	5,625,000	1	0	268,200	425,250	-37%	436,900	472,500	-8%	368,200	519,750	-29%	268,100	433,125	-38%	0	472,500	-100%	0	441,000	-100%
Onesimo San Jaun - San Jaun	280,161	1	0	15,585	18,630	-16%	3,400	23,729	-86%	3,800	23,533	-84%	4,330	19,611	-78%	2,430	18,602	-87%	0	15,689	-100%
R.c. Associates, Llc - Danfoss-chatleff, Llc	1,500,000	1	0	0	110,250	-100%	0	111,300	-100%	0	105,000	-100%	0	81,900	-100%	0	87,600	-100%	0	84,000	-100%
Shoal Creek Properties	500,000	1	0	0	29,750	-100%	0	35,000	-100%	0	38,850	-100%	0	32,900	-100%	0	34,400	-100%	0	32,400	-100%
Thomas Weatherford	5,000,000	1	0	78,300	367,500	-79%	81,900	371,000	-78%	63,100	350,000	-82%	14,400	273,000	-95%	0	292,000	-100%	0	280,000	-100%
Villita West Condo Assoc. - Well #1	1,000,000	1	0	0	59,500	-100%	0	70,000	-100%	0	77,700	-100%	0	65,800	-100%	0	68,800	-100%	0	64,800	-100%
Villita West Condo Assoc. - Well #2	1,000,000	1	0	0	59,500	-100%	0	70,000	-100%	0	77,700	-100%	0	65,800	-100%	0	68,800	-100%	0	64,800	-100%
Aaw Oak Hill, Ltd.	100,000	1	0	0	5,950	-100%	0	7,000	-100%	0	7,770	-100%	0	6,580	-100%	0	6,880	-100%	0	6,480	-100%
Bill & Shirley Burrell - Bill Burrell	128,009	1	0	2,000	8,513	-77%	5,770	10,842	-47%	5,580	10,753	-48%	4,160	8,961	-54%	3,320	8,500	-61%	0	7,169	-100%
Gene Patteson	500,000	1	0	30,920	33,250	-7%	34,080	42,350	-20%	8,540	42,000	-80%	0	0	0	0	0	0	0	0	0
Hays Consolidated I.s.d. - Beacon Hill	421,875	1	0	0	25,101	-100%	0	29,532	-100%	0	32,780	-100%	0	27,759	-100%	0	29,025	-100%	0	27,338	-100%
John G. Harkins	260,119	1	0	34,836	17,298	101%	0	22,032	0	0	21,850	0	0	0	0	0	0	0	0	0	0
Melvin Thames - Thames	500,000	1	0	48,060	33,250	45%	41,970	42,350	-1%	76,350	42,000	82%	22,070	35,000	-37%	23,000	33,200	-31%	0	28,000	-100%
Sac-n-pac Company	150,000	1	0	12,130	8,925	36%	9,700	10,500	-8%	9,360	11,655	-20%	12,010	9,870	22%	10,210	10,320	-1%	0	9,720	-100%
Scott Hill	450,000	1	0	80,920	29,925	170%	119,940	38,115	215%	36,810	37,800	-3%	8,680	31,500	-72%	0	29,880	-100%	0	25,200	-100%
<b>Tier 2 (&gt;=12M and &lt;120M gallons/year)</b>																					
Onion Creek Country Club	95,166,500	1	0	8,964,000	9,459,550	-5%	10,293,000	10,392,182	-1%	9,718,000	10,258,949	-5%	6,668,000	7,461,054	-11%	6,195,000	6,395,189	-3%	4,965,000	5,177,058	-4%
Twin Creek Park Water Supply Co.	12,000,000	1	0	778,200	798,000	-2%	791,100	1,016,400	-22%	936,100	1,008,000	-7%	795,100	840,000	-5%	645,200	796,800	-19%	609,900	672,000	-9%
Aqua Texas, Inc. - Onion Creek Meadows	36,300,000	1	0	2,575,000	2,413,950	7%	2,513,000	3,074,610	-18%	2,362,000	3,049,200	-23%	1,633,000	2,541,000	-36%	1,566,000	2,410,320	-35%	1,578,000	2,032,800	-22%
Cimarron Park Water Company, Inc.	118,000,000	1	0	7,204,800	10,407,600	-31%	7,619,000	10,077,200	-24%	6,287,000	10,490,200	-40%	4,594,800	8,755,600	-48%	3,920,500	8,212,800	-52%	4,164,300	5,380,800	-23%
Aqua Texas, Inc. - Chaparral	28,000,000	1	0	2,515,000	1,862,000	35%	1,924,000	2,371,600	-19%	1,852,000	2,352,000	-21%	1,199,000	1,960,000	-39%	996,000	1,859,200	-46%	1,118,000	1,568,000	-29%
Ruby Ranch Water Supply Corporation	32,000,000	1	0	2,302,000	2,128,000	8%	2,266,000	2,710,400	-16%	1,849,000	2,688,000	-31%	1,392,000	2,240,000	-38%	1,102,000	2,124,800	-48%	1,232,000	1,792,000	-31%
Huntington Utility Company, L.I.c.	18,000,000	1	0	1,268,000	1,197,000	6%	1,511,000	1,524,600	-1%	1,381,000	1,512,000	-9%	778,000	1,260,000	-38%	693,000	1,195,200	-42%	666,000	1,008,000	-34%
Aqua Texas, Inc. - Southwest Territory	16,500,000	1	0	965,000	1,097,250	-12%	1,165,000	1,397,550	-17%	929,000	1,386,000	-33%	672,000	1,155,000	-42%	605,000	1,095,600	-45%	599,000	924,000	-35%
Slaughter Creek Acres Water Supply	14,000,000	1	0	730,800	931,000	-22%	787,700	1,185,800	-34%	675,200	1,176,000	-43%	487,800	980,001	-50%	472,400	929,600	-49%	460,200	784,000	-41%
Arroyo Doble Water System	52,800,000	1	0	3,170,600	3,511,200	-10%	2,839,300	4,102,560	-31%	2,477,100	4,065,600	-39%	1,906,400	3,326,400	-43%	1,620,700	3,505,920	-54%	1,717,400	2,956,800	-42%
City Of Hays Water Department - Elliott Ranch	54,450,000	1	0	3,235,000	3,620,925	-11%	3,275,000	4,611,915	-29%	2,600,000	4,573,800	-43%	1,621,000	3,811,500	-57%	1,341,999	3,615,480	-63%	1,753,000	3,049,200	-43%
Texas-lehigh Cement Company - Plant	54,750,000	1	0	3,123,960	3,180,975	-2%	2,501,594	3,257,625	-23%	3,404,326	3,257,625	5%	2,385,990	3,180,975	-25%	2,241,310	3,635,400	-38%	2,068,410	3,635,400	-43%
Aqua Texas, Inc. - Bear Creek Park	12,098,000	1	0	994,000	804,517	24%	970,000	1,024,701	-5%	786,000	1,016,232	-23%	545,000	846,860	-36%	458,000	803,307	-43%	381,000	677,488	-44%
Stenger Ridgewood Village Water System	16,500,000	1	0	1,376,400	1,097,250	25%	1,199,400	1,397,550	-14%	1,075,600	1,386,000	-22%	578,600	1,155,000	-50%	543,600	1,095,600	-50%	501,800	924,000	-46%
Mountain City Oaks Water System	43,164,000	1	0	2,674,000	2,870,406	-7%	2,405,800	3,655,991	-34%	2,036,700	3,625,776	-44%	1,549,600	3,021,480	-49%	1,300,100	2,866,090	-55%	1,245,400	2,417,184	-48%
City Of Hays Water Department	15,400,000	1	0	914,000	1,024,100	-11%	872,000	1,304,380	-33%	756,000	1,293,600	-42%	512,000	1,078,000	-53%	435,000	1,022,560	-57%	426,000	862,400	-51%
Aqua Texas, Inc. - Leisuredwoods Water Company	88,764,000	1	0	6,596,000	5,902,806	12%	8,158,000	7,518,311	9%	5,314,000	7,456,176	-29%	3,200,000	6,213,480	-48%	2,799,000	5,893,930	-53%	2,398,000	4,970,784	-52%
Hays Consolidated I.s.d. - Hays High School	30,000,000	1	0	926,200	1,995,000	-54%	0	2,541,000	-100%	872,900	2,520,000	-65%	529,900	2,100,000	-75%	623,300	1,992,000	-69%	794,400	1,680,000	-53%
Aqua Texas, Inc. - Shady Hollow Estates Water Company	80,000,000	1	0	6,573,000	5,320,000	24%	8,083,000	6,776,000	19%	5,375,000	6,720,000	-20%	2,917,000	5,600,000	-48%	2,174,000	5,312,000	-59%	2,103,000	4,480,000	-53%
Marbridge Foundation	26,730,000	1	0	1,260,110	1,777,545	-29%	1,052,630	2,264,031	-54%	1,588,960	2,245,320	-29%	986,390	1,871,100	-47%	901,390	1,774,872	-49%	698,790	1,496,880	-53%
Village Of San Leanna	31,651,200	1	0	1,979,200	2,104,805	-6%	1,968,100	2,680,856	-27%	1,609,300	2,658,701	-39%	1,111,300	2,215,584	-50%	783,300	2,101,640	-63%	790,200	1,772,467	-55%
Manchaca Optimist Youth Sports Complex	18,000,000	1	0	92,204	1,360,800	-93%	416,550	1,512,000	-72%	216,739	1,663,200	-87%	132,700	1,386,000	-90%	23,264	1,512,000	-98%	10,900	1,411,200	-99%
Austin United Capital Soccer Club	12,000,000	1	0	0	907,200	-100%	0	1,008,000	-100%	0	1,108,800	-100%	0	924,000	-100%	0	1,008,000	-100%	0	940,800	-100%
City Of Austin - Nature Center	16,000,000	1	0	227,430	1,209,600	-81%	283,120	1,344,000	-79%	283,140	1,478,400	-81%	94,000	1,232,000	-92%	117,360	1,344,000	-91%	0	1,254,400	-100%
City Of Sunset Valley	18,590,000	1	0	0	1,236,235	-100%	0	1,574,573	-100%	0	1,561,560	-100%	0	1,301,300	-100%	0	1,234,376	-100%	0	1,041,040	-100%
<b>Tier 3 (&gt;=120M gallons/year)</b>																					
Creedmoor-maha Water Supply Corporation	235,065,600	1	0	20,394,800	15,631,862	30%	21,868,000	19,910,056	10%	19,709,500	19,745,509	0%	13,571,300	16,454,592	-18%	12,333,400	15,608,356	-21%	13,027,300	13,163,674	-1%
City Of Kyle	165,000,000	1	0	10,200,920	10,972,500	-7%	13,239,960	13,975,500	-5%	12,815,670	13,860,000	-8%	10,680,420	11,550,000	-8%	9,157,330	10,955,999	-16%	8,792,200	9,240,000	-5%
Centex Materials, L.p. - Centex Materials, Lp	214,291,000	1	0	13,794,800	15,750,388	-12%	17,568,900	15,900,392	10%	14,183,200	15,000,370	-5%	10,845,800	11,700,289	-7%	10,724,900	12,514,594	-14%	11,319,700	12,000,296	-6%
Monarch Utilities, Inc.	324,400,000	1	0	20,602,000	22,935,080	-10%	19,760,000	21,799,680	-9%	21,931,000	24,297,560	-10%	15,595,000	20,891,360	-25%	17,462,000	23,356,800	-25%	17,416,000	20,502,080	-15%
City Of Buda	275,000,000	1	0	17,607,800	18,287,500	-4%	20,883,100	23,292,500	-10%	22,476,400	23,099,999	-3%	16,847,800	19,250,000	-12%	14,147,700	18,259,999	-23%	12,486,200	15,400,000	-19%
Goforth Special Utility District	350,900,000	1	0	21,677,000	23,334,850	-7%	24,958,000	29,721,230	-16%	18,768											