

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 at the **District office**, located at 1124 Regal Row, Austin, Texas, on **Thursday, January 12, 2017**, 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 meet in 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 of a General Nature).**
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 a separate item of Regular Business on this agenda.)*
 1. Approval of Financial Reports under the Public Funds Investment Act, Directors' Compensation Claims, and Specified Expenditures greater than \$5,000. **Not for public review**
 2. Approval of minutes of the Board's December 15, 2016 regular Meeting. **Not for public review at this time**
 - 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 unless the topic is specifically listed elsewhere in this agenda.)*
 1. **Standing Topics.**
 - i. Personnel matters and utilization
 - ii. Upcoming public events of possible interest
 - iii. Aquifer conditions and status of drought indicators
 2. **Special Topics.** *(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. Review of Status Update Report – at directors' discretion **Pg. 14**

- ii. Update on GMA and regional water planning
- iii. Update on District grant projects and other Aquifer Science Team projects
- iv. Update on activities related to area roadway projects
- v. Update on the HCP/ITP application and the associated draft EIS
- vi. Update on Board committee activity

4. Presentation.

Presentation by the Aquifer Science Team on opportunities for recharge enhancement in conjunction with possible flood mitigation measures on Onion Creek. **Pg. 20**

5. Discussion and Possible Action.

a. Discussion and possible action related to amending the FY17 Budget. **Pg. 27**

b. Discussion and possible action relating to procedural matters on the permit application for conversion of a Temporary Production Permit to a Regular Historical Production Permit (Application) of Needmore Water LLC to authorize withdrawal of an annual permitted volume of approximately 289,080,000 gallons per year of groundwater from the Trinity Aquifer for agricultural use. The Board will consider the following:

- i. Timeline associated with processing of application;
- ii. Written comments and requests for contested case hearing;
- iii. Determination to conduct a contested case hearing;
- iv. Requests that contested case hearing be conducted by and referral to the State Office of Administrative Hearings (SOAH);
- v. Deposit for and approval of contract with SOAH to conduct hearings;
- vi. Date, time, location and who will conduct the preliminary hearing;
- vii. Designation of presiding officer;
- viii. Matters to be included in any referral to SOAH, including hearing location and cost allocations;
- ix. Selection of special counsel; and,
- x. Other matters necessary to conduct future hearings(s) in connection with the Application.

Note: At this meeting, the Board of Directors will not conduct a hearing, determine party status, nor decide whether to grant or deny, in whole or part, the Application. The Board will consider the procedural steps identified above that relate to how, when and where the future hearings will be conducted. Adequate notice of the future hearings will be provided. **Backup under separate cover**

c. Discussion and possible action related to an offer of compensation by the Hays Caldwell Public Utility Agency for easements on District property. **Pg. 39**

- d. Discussion and possible action related to current efforts to address Onion Creek flooding including the role of the District in participating in such efforts. NBU
- e. Discussion and possible action related to activities in the 84th legislative session of interest to the District including consideration of prospective bills proposed to be filed. NBU
- f. Discussion and possible action related to the scheduling of future regular Board meetings. NBU
- g. Discussion and possible action related to the City of Dripping Springs TPDES permit application to authorize direct discharge of treated wastewater to Onion Creek in the contributing zone of the Barton Springs segment of the Edwards Aquifer. NBU

6. Directors' Reports. *(Note: Directors' comments under this item cannot address an agenda item posted elsewhere on this agenda and no substantive discussion among the Board Members or action will be allowed in this meeting. Communications reported under this item may be used to support Performance Standard 4-1 of the District's Management Plan related to demonstration of effective communication with District constituents.)*

Directors may report on their involvement in activities and dialogue that are of likely interest to the Board, in one or more of the following topical areas:

- Meetings and conferences attended or that will be attended;
- Committee formation and updates;
- Conversations with public officials, permittees, stakeholders, and other constituents;
- Commendations; and
- Issues or problems of concern.

7. Adjournment.

Came to hand and posted on a Bulletin Board in the Courthouse, Travis County, Texas, on this, the _____ day of January, 2017, at _____ m.

_____, Deputy Clerk

Travis County, TEXAS

Please note: This agenda and available related documentation have been posted on our website, 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 1
Call to Order

Item 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 a separate item of Regular Business on this agenda.)

- 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 of the Board's December 15, 2016 Regular Meeting.**

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. Standing Topics.

- i. Personnel matters and utilization**
- ii. Upcoming public events of possible interest**
- iii. Aquifer conditions and status of drought indicators**

2. Special Topics.

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. Review of Status Update Report – at directors' discretion**
- ii. Update on GMA and regional water planning**
- iii. Update on District grant projects and other Aquifer Science Team projects**
- iv. Update on activities related to area roadway projects**
- v. Update on the HCP/ITP application and the associated draft EIS**
- vi. Update on Board committee activity**

STATUS REPORT UPDATE FOR JANUARY 12, 2017 BOARD MEETING

Prepared by District Team Leaders

Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
GENERAL MANAGEMENT TEAM			
John Dupnik			
JD	1/6/17	Meetings, Training, Presentations, and Conferences	External Meetings Attended: Onion Creek Regional Discussion; with TxDOT on Mopac intersection; Dripping Springs Water Balance meeting; TWCA Oil and Gas subcommittee meeting; Needmore meeting. Other Meetings: Board All. Committee ; Board Budget and Finance Committee Presentations: None Conferences/Seminars: GMDA Winter Conference (Fort Worth).
JD	1/6/17	Ongoing Special Projects, Committees, and Workgroups	Ongoing Special Projects: TWDB RFP grant; Dripping Springs TPDES draft permit review; Travis County PGMA; TWCA committee bills; Management Plan revision; Database overhaul; Salary structure review; ASR pilot project; HCP finalization; Committees and Workgroups: Region K (voting member); GMA 10 (voting member); Regional WQ Plan workgroup; Region K Legislation and Policy committee; Region K water supply strategy committee; Region K executive committee nomination committee; TAGD legislative committee (regional planning; ASR, brackish sw); TAGD Correlative Rights working group; TWCA groundwater committee; Travis County PGMA workgroup; Hill Country Conservancy Trust organizing group.
JD	1/6/17	Routine Activities and Day-to-Day operations	Routine Activities/Day-to-Day Operations: provided general oversight of staff incentive projects and activities, and oversight of day-to-day operations; approved purchase orders and expenditures; approved timesheets; prepared agendas and backup for and attended Board meetings; prepared GM report and assigned tasks in response to Board commitments; held regular one-on-one meetings with Team Leaders; presided over Planning Team meetings; serve as liaison between Board and staff; support Board subcommittees; respond to media requests; disseminate media reports and journal articles of possible interest. Consultation with Attorney on: Dripping Springs TPDES draft permit review, Needmore application; Draft legislation; PGMA bill; Other Activities: coordinate with Legislative support consultant; tracking legislation; RFP grant project; EP aquifer test; prepare for TWCA committee meetings; budget amendment; review TWCA draft bills; Regulatory Compliance Specialist posting; review PGMA bill;
ADMINISTRATION TEAM			
Dana Christine Wilson			
DCW	05-Jan-17	Permittee accounts carrying a past due balance.	Currently there are a couple past due accounts.
DCW	05-Jan-17	Annual Report (with Financial Audit as Appendix A, and Appendix B as required by the District's Management Plan)	Need to send to TCEQ Executive Director (as required by TWC 49.194) along with Annual Financial Durnancy Affidavit by January 15th (with in 135 days of end of our fiscal year).
DCW	05-Jan-17	Is an agenda item for this meeting.	
DCW	05-Jan-17	Most current, available financial reports are posted.	Balance Sheet, and Profit and Loss Statement through November 2016.
DCW/BS	05-Jan-17	1st invoice (for Grant Category A) is prepared and ready for submittal to TWDB for payment.	Needs project manager approval.
DCW	05-Jan-17	Hays County and Travis County Joint Trinity Characterization Special Project	Monetary obligations set out in the 2 ILAs have been received and deposited.
DCW	05-Jan-17	In process of completing the quarterly payroll taxes for Oct/Nov/Dec 2016 to submit to Texas Workforce Commission, and the United States Treasury. Also in process of mapping and filing annual 1099s and W-2s, 1096, and W-3.	Due by Jan 30th.
REGULATORY COMPLIANCE TEAM			
Vanessa Escobar			

	Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
Temporary/ Regular Permits	KBE, VE	1/6/17	Conversion of a Temporary Permit to a Regular Permit	Needmore Water LLC is currently a Temporary Permit that has been determined to be administratively complete. Public notice was published on 11/29/16 and comment period closed on 12/19/16. The District received a request for a contested case hearing from both the applicant and TESPA. TESPA requested the hearing to go before the State Office of Administrative Hearings (SOAH). Hearing dates are still to be determined. The General Manager has provided a Preliminary Decision with recommended Special Provisions, and a Technical Evaluation, that is available on the website www.hscacsd.org
Goforth WSC	KBE, VE	1/6/17	Replacement Well	The PWS has submitted an application to drill a new Edwards well to replace a nonfunctioning well. The nonfunctioning well had issues with an obstruction during the replacement of a pump. Goforth plans to plug the old well once the new well has been successfully completed. The Replacement Well Drilling Application was approved by the GM on 8/3/16. Well is currently being completed, no new update.
Electro Purification	KBE, VE	1/6/17	Test Well Permit - General Permit	On 3/15/16 Electro Purification withdrew its Temporary/ Regular Permit application for 30,000,000 gal/yr and submitted a contemporaneous filing of 6 test well permit applications. EP has recently completed the pumping of third and final test wells. Upon some review and evaluation by Wetrock, the applicant and district staff discussed the need to repeat a 5 day aquifer test for the Bridges 2 well. The applicant found that the pumping data indicates the target formation was isolated to a point that some of the productive portions of the production interval were cut off. That situation creates a possible discrepancy in the aquifer test data and would not be completely representative of final completion. The applicant requested approval to repeat the Bridges 2 test and requested an increase in the approved production volume allowable for the aquifer test. The General Manager approved the request and granted an amendment to the production volume not to exceed 17,000,000 gallons per year.
	KBE, VE			<p>General Summary of Procedures</p> <ol style="list-style-type: none"> 1. Background water levels and water quality sampling data will be collected from specific community monitoring wells prior to acidization/ aquifer testing. 2. Acidization begins. 3 wells will be acidized total but one at a time: <ul style="list-style-type: none"> o Well will be acidized by injecting 10,000 gal of HCL(28% aqueous solution) into the well into the producing cow creek interval o 60,000 gal of water will be flushed into the well via tremmie pipe; well will sit for 2 days to allow acid reaction to take place. o Well will be purged until there is no trace of inhibitors or HCL; discharge water will be collected into a holding truck; discharge water will be held in holding trucks until pH and TDS buffer and stabilize, then discharge water will be released to ground surface. o Post water quality sampling data will be collected from specific community monitoring wells after to acidization/ aquifer testing. o Process will be repeated for two other wells. 3. Aquifer Test begins. 3 wells will be producing water during a course of 8 to 10 weeks. <ul style="list-style-type: none"> o Each well will be pumped one at a time. Each well will be pumped for 5 days at 500 gpm, then the well will be allowed to recover. o After recovery, they will move on to pumping the next well. o Total volume pumped will be approximately 10 million gallons o Water that is produced during the aquifer test will flow through natural surface water flow paths to natural stock ponds or tributaries.

	Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
Industrial Asphalt	KBE, VE	1/6/17	Minor Amendment - TCEQ	On 6/28/16 Industrial Asphalt submitted a minor amendment application requesting a production increase of their current 2,000,000 gpy permit to a 4,000,000 gpy. Their increase request is to replace the volume of water that they currently haul in from off site. The permit is currently being reviewed by staff. TCEQ received a complaint from a Ruby Ranch resident regarding sediment discharge into an Onion Creek tributary coming from the Hays Quarry property after a large rain event on August 20, 2016. TCEQ conducted an investigation on August 29, 2016 in which they found a notable high water debris line on quarry fence and evidence of a large volume of water leaving the quarry site. After walking the drainage path they also found a break in an earthen containment berm and alleged that the source of the sediment laden water was a stormwater retention pond on SE side of the quarry. Based on this investigation, TCEQ did issue a category C violation for failure to inspect and maintain physical structures to reduce pollutants in stormwater discharges. In order to resolve violation they will have to produce documentation that the berm was fixed and install erosion and sediment controls at the break. Westward Environmental indicated the violation has been rectified. This is Industrial Asphalt's 6th TCEQ violation since 2014 (4 stormwater, 2 WPAP). The applicant has withdrawn their amendment application because they were unable to coordinate logistics and produce the remaining technical information for the application checklist requirements by the 12/18/16 application deadline. The applicant intends to resubmit in the near future once all the technical information can be developed.
Gragg Tract LP	KBE, VE	1/6/17	Well Drilling Authorization	On 6/27/16 Gragg Tract LP (Walters Southwest) submitted well drilling authorization to drill a Lower Trinity for the purpose of PWS and Irrigation. The test well will be located on the the Gragg Tract off of Old Bliss Spillar in Manchaca near the SH 45 SW right of way. The applicant revised their application by withdrawing their Test Well Permit Application, and submitting a Drilling Authorization. They decided to move forward with drilling a completed well rather than a test well of temporary completion. The public comment period began on 10/24/16 and ended on 11/14/16. Staff did not receive any comments, protests, or requests for hearing. The application was approved on 11/7/16. The well has not yet been drilled. No new update.
Giles Water Corporation	KBE, VE	1/6/17	Test Well Permit - General Permit	The General Manager received a permit extension request from Giles Water Corporation (Mike Rutherford). Giles Water Corporation received an approved Test Well Permit in July 2016 to drill a Lower Trinity test well. The Test Well Permit was set to expire on 1/5/17. The Permittee has not yet drilled the test well and is awaiting some data from the EP analyzer test. The General Manager approved the extension request and amended the Test Well permit for an additional six (6) months.
General Manager Approved Permits	KBE, VE	1/6/17	Individual Permits < 2,000,000 gal/yr	No new update.
Drought Status - No-Drought	KBE, VE	1/6/17	Drought Compliance Monitoring and Enforcement	No new update. No-drought was declared on January 29, 2015. Staff sent out email and letters to all permittees notifying them of no-drought status.
EDUCATION & OUTREACH				
Barton Springs Hackathon	RG, BH, JC	1/6/17	Event Prep	The Barton Springs Hackathon a one-day, hands-on, technical workshop focused on unlocking hydrologic data in Central Texas for public consumption. The District is collaborating with the UT Texas Advanced Computing Center (TACC) and the Hill Country Alliance to host their forth hackathon. TACC has hosted 3 very successful Zika-focused hackathons previously. This one will focus on bringing coders, scientists, and educators together to unlock information collected from a large network of monitoring sites and help well owners and central Texas residents understand the groundwater system that feeds Barton Springs. Project teams include: Data Consumption, Raw Data Processing, Analytics, Visualization, Web Portal, Equipment/Sensor, and Teaching Resources. More info and RSVP: http://bseacd.org/hackathon/

	Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
Interns	RG, JD	1/6/17	Media Specialist, Public Information Intern	Alicia Eastes will begin work in January as a part time media specialist. She is going to be compiling existing footage on our servers, creating a compelling storyline, and editing them into short video segments that highlight District capabilities and will create a best of video that will be highlighted in August 2017 (actual month for 30th Anniversary). Anna Curl will begin a 10hr/week internship that will serve as a 3hr course credit towards her UT Marketing degree. She held a similar internship with the EAA over the summer and helped with event planning (their 20th anniversary), marketing, social media, and program promotion. The intern will work with District staff to help plan, promote, and host District programs and events, assist with education and public information efforts, develop informational pieces, boost social media presence, and generally support education and public information efforts.
Augmented Reality Water Quality Teaching Tool	RG	1/6/17	Benthic macroinvertebrates	Robin is in discussions with educators and animators to develop a teaching tool that uses augmented reality to allow students to explore the macroinvertebrates and amphibians commonly found in the Eliza Springs pool. The augmented reality will highlight morphology, relationships, life cycles, and notable characteristics. Benthic macroinvertebrates are commonly used as an indicator of water quality. Presence of pollution intolerant species indicates good water quality. In this first phase of the tool, students will be introduced to several the pollution sensitive species present at Eliza Springs. The contract and scope of work is under development.
Enews Blast	RG	1/6/17	December eNews	The December eNews included the following articles: EP Aquifer Test Update, SH 45 Project Oversight, TWDB Well Drillers Reports Online, Lovelady Well Water Level Update and Permit Application Notifications info. It was released on December 13, 2016 and was opened 1,255 times.
Internet Traffic Report	RG	1/6/17	Page views and visits to the District Website	There were 2,699 total page views by 2,141 unique visitors. Top sites in order of number of views are the home page (702), Maps (163), Reg Comp Job Posting (322), EP Aquifer Test (126). The District Facebook page now has 526 "Likes" and responses to posts have been very positive.
AQUIFER SCIENCE				
Dye Tracing	BS, BH	1/6/17	Dye tracing	Discussions are underway with the EAA and CoA about potential dye tracings in the upcoming month in the Blanco and Onion watersheds. The City has injected at various locations along SH45.
Central Hays County Groundwater Evaluation	BH, BS, JC	1/6/17	Well and hydrogeology characterization	District staff have established a monitoring network of nearby wells to collect data during the EP aquifer test, which has been taking place in October, November, and December. Hays and Travis Counties have approved funds to support those efforts, including the installation of multipoint monitor wells.
Antioch Cave	BS, BH, JC	1/6/17	Onion Creek Recharge Enhancement Project	Moderate rains in November and December have brought about flow in Onion Creek.
Water-Quality Studies	BS, BH, JC	1/6/17	Sampling and analysis of groundwater and surface water	District staff are continuing work with a geochemist to evaluate the years of data we have collected on behalf of the TWDB.
Saline Zone Studies	BS, BH	1/6/17	Installation of multipoint monitor well	Drilling began August 3, 2016 at the TDS site. Installation of the multipoint was finished on August 24. Testing and sampling of the well began on Oct. 13 and was finished by mid November. We are still waiting on final lab results for the samples.
Drought and Water-Level Monitoring	BH, BS, JC	1/6/17	Drought status, monitor wells, and synoptic water level events	As of Jan 6, the water level in the Lovelady well was at 540.4 ft above msl and continues declining, and Barton Springs was flowing at 106 cfs.
Information Transfer	BS, BH, JC	1/6/17	Presentations, conferences, reports, and publications	Brian Hunt presented the results of the Onion Creek study in Corpus Christi, which was published for the GCAGS conference (Sept 2016). A paper on the Blanco River and Onion Creek was published in January 2017 by the South Texas Geological Society.
Aquifer Testing	BS, BH, JC	1/6/17	Planning, participation, and review of aquifer tests	EP began their aquifer test of the Bridges #2 well on Oct. 24. They have had problems with the pump and generator, which have delayed the testing. Aquifer testing will likely be finished by early January.
AD-HOC TEAMS				

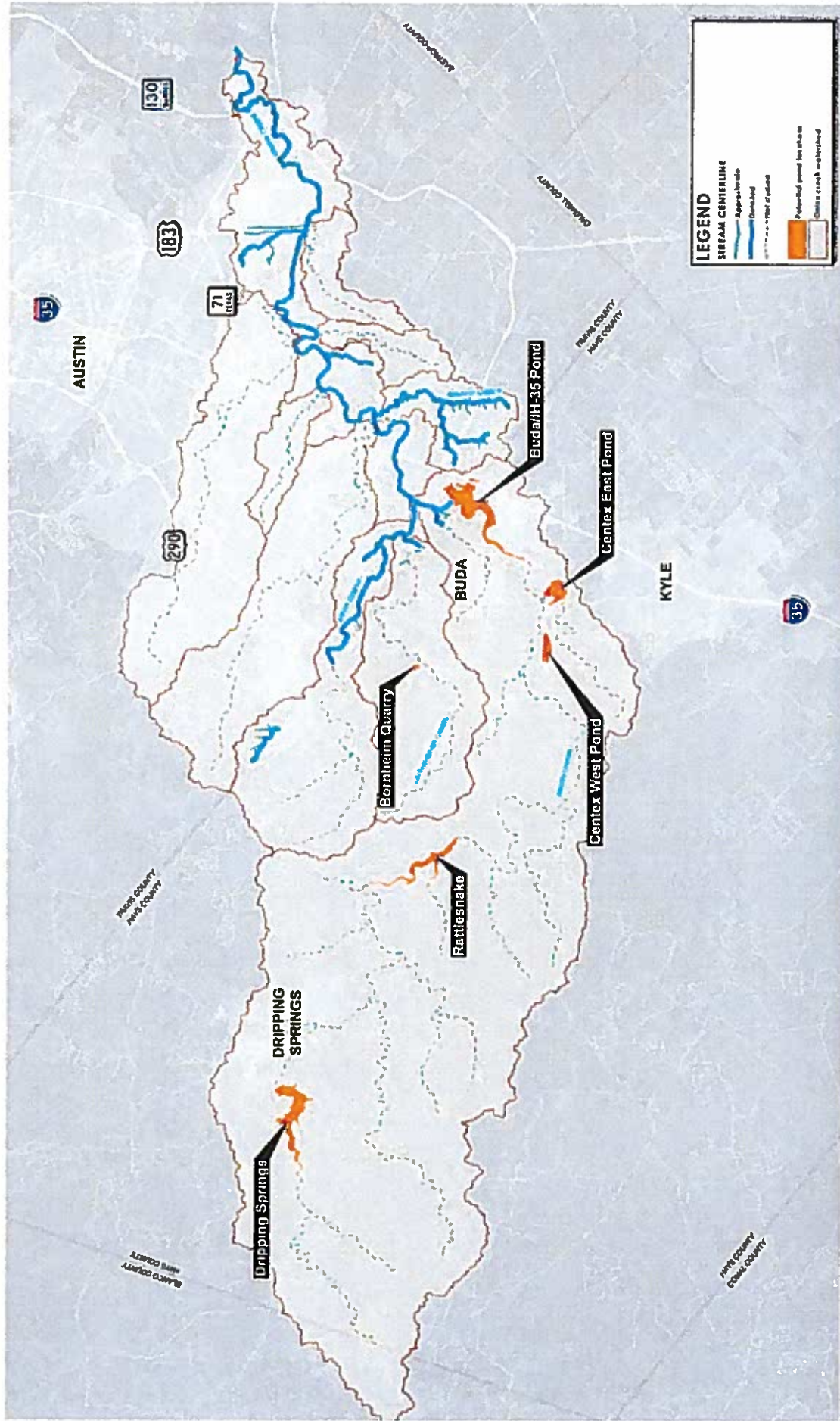
Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
Technical Team	1/6/17	Current areas of discussion	Topics of discussion at the technical team meeting in December were the RFP grant, agreements with Hay and Travis Counties, EP aquifer test, and Dripping Springs issues.
Planning Team	1/6/17	Strategic and tactical planning and discussion topics	New Business: Legislative update; Needmore permit application; communications on contested cases;
Database Team	9/1/16	Identify District database needs and research vendors and options for database improvements	<p>Current Database Scheme: There are inefficiencies with the 10 yr old system including limited functionality, unreliable design structure that requires continuous maintenance and improvements, and inefficient or redundant workflows in the database system that increase staff time and effort.</p> <p>Objectives include: This ad hoc team is working towards providing a recommendation to GM/Board for improving the efficiency of District operations through enhanced data management tools. Recommendation will address creating an integrated hydrologic database, streamlining the permitting and annual process, providing real time data access and entry, improving data analysis for management plan and HCP related reports, providing a robust QA/QC process for continuous monitoring data, and creating online accessibility of monitoring data for public education.</p> <p>Team Activities: The ad hoc team and staff are currently working through the exercise of identifying database needs and defining long term objectives for moving forward with the development of an integrated database management scheme. Currently, all of the core teams (Admin, AgSci, Edu Outreach, Reg Comp) are evaluating existing workflows and the existing database functions that we use. Staff met with Clearwater GCD and received an in-depth overview of their database investment and capabilities of their new data management tools.</p> <p>Next Steps: Define the District's overall functionality and data management needs, research tools that other GCDs use, schedule data management demonstrations with GCDs and consultants, define a budgeting scope.</p>
UPCOMING ITEMS OF INTEREST			
Groundwater Management Districts Association	1/9/17	thru 10/11, Fort Worth, Texas	
1st January Board Meeting	1/12/17		
Martin Luther King, Jr. Day	1/16/17	District Holiday - Office Closed	
TWDB Water for Texas Conference	1/24/17	AT&T center, Austin	
TAGD regular business meeting	1/25/17	thru 1/26, AT&T center, Austin	
2nd January Board Meeting	1/26/17		
1st February Board Meeting	2/9/17		
Hack-Our-Springs Competition	2/17/17	UT Texas Advanced Computing Center, Pickle Campus	
1st March Board Meeting	3/9/17		
South Central GSA Meeting	3/13/17	thru 3/14, San Antonio	
2nd March Board Meeting	3/23/17		
1st April Board Meeting	4/13/17		
2nd April Board Meeting	4/27/17		

Item 4

Presentations

Presentation by the Aquifer Science Team on opportunities for recharge enhancement in conjunction with possible flood mitigation measures on Onion Creek.

Regional Detention



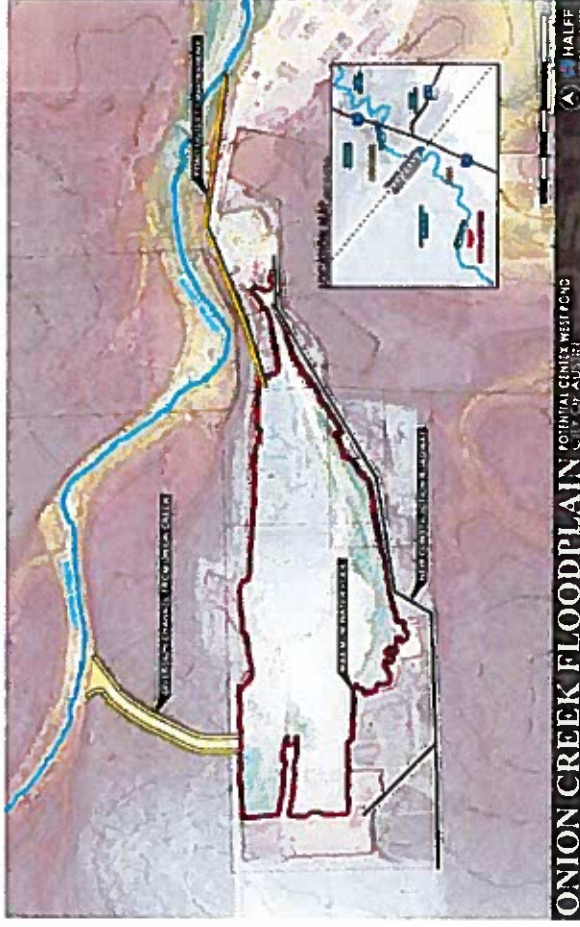
Regional Detention

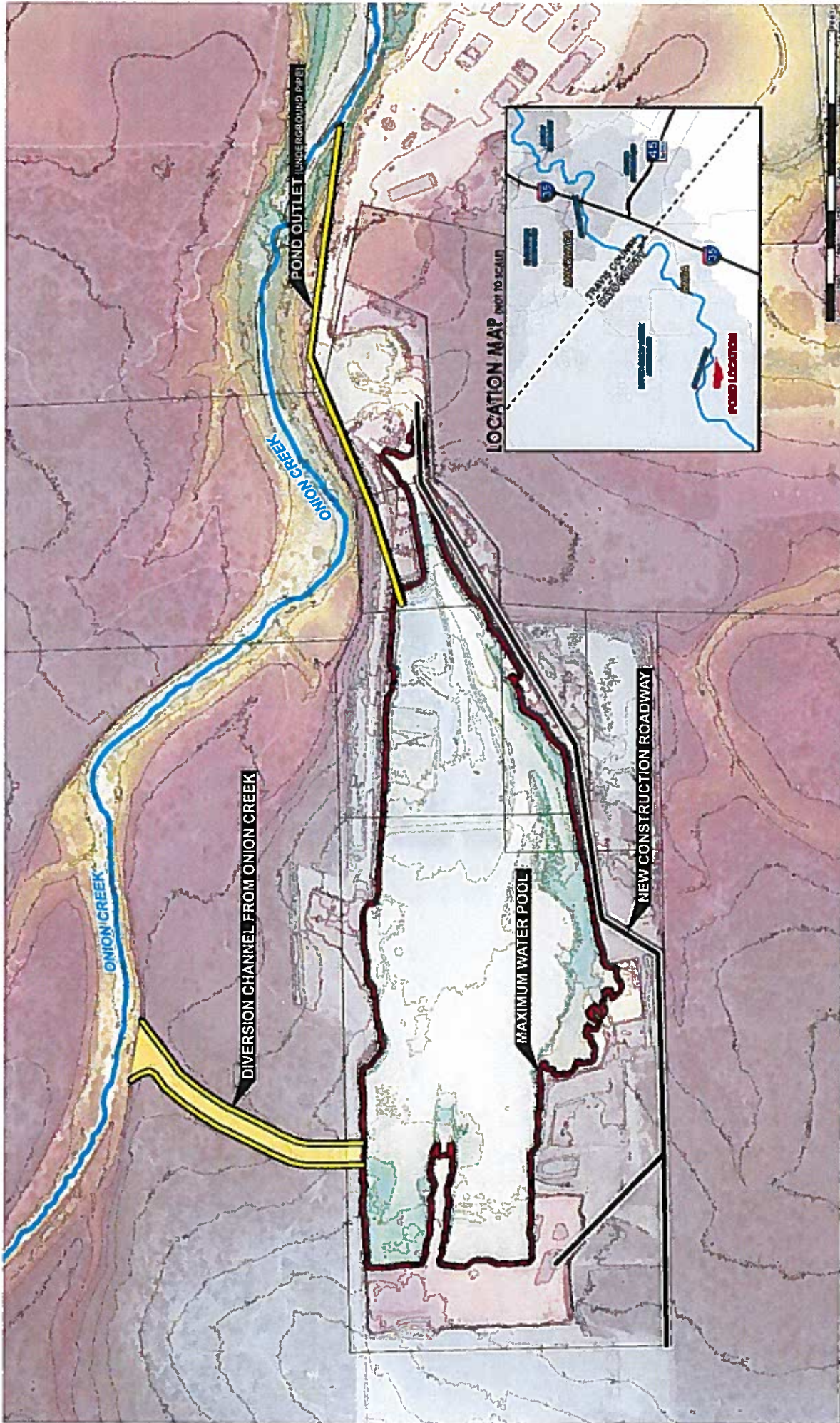
Benefits

- 10-13% reduction of flow
- 1 to 3 ft Water Surface Reduction
- Mitigated Structures
 - 90 Pinehurst
 - 4 Wild Dunes

Constraints

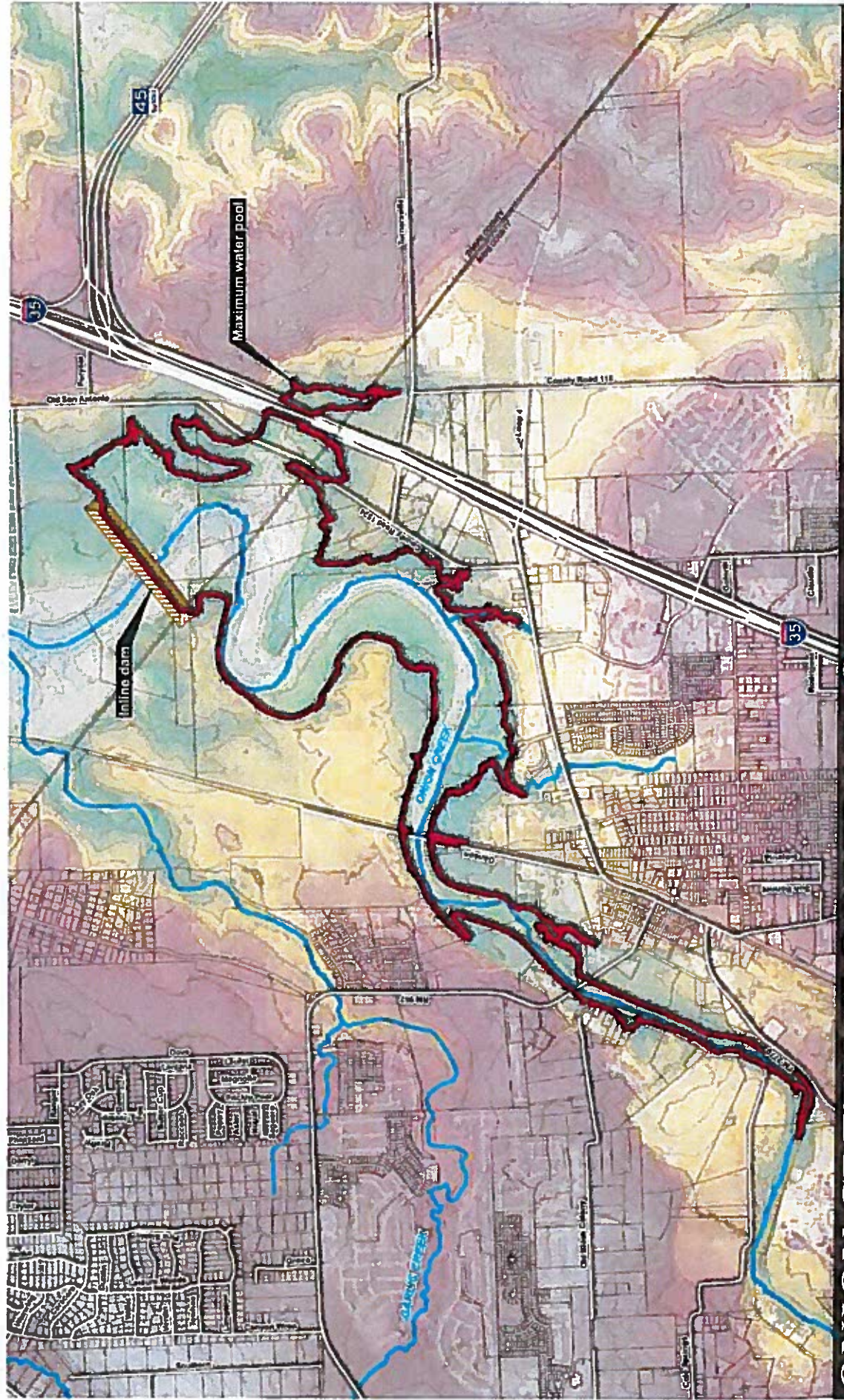
- Stakeholder Coordination
- Property Purchase
- Dam Safety / Permitting
- Environmental Impacts
- Combined Alternative

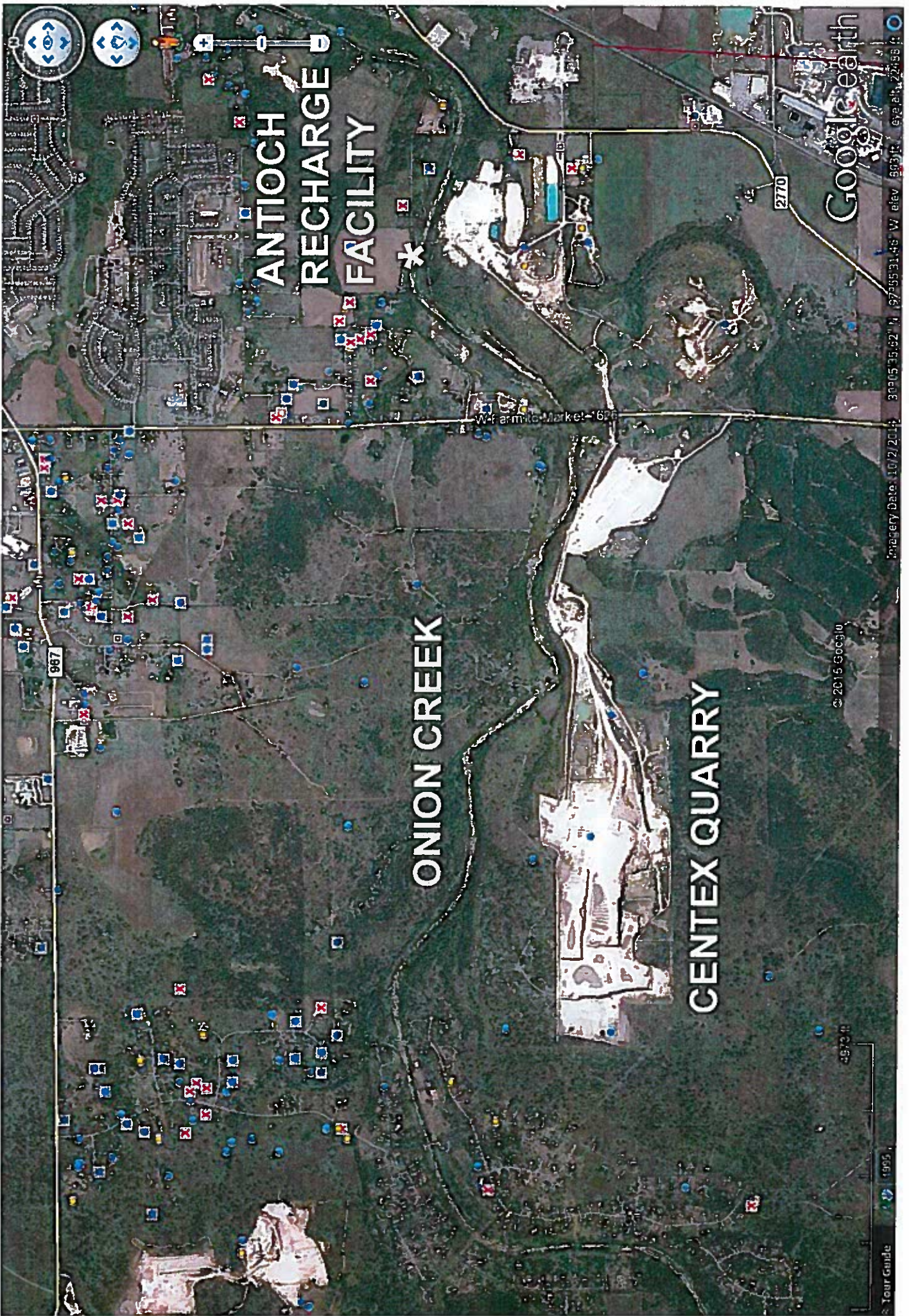




ONION CREEK FLOODPLAIN POTENTIAL CENTEX WEST POND CITY OF AUSTIN

Buda / IH-35 Regional Pond





SCALE:	AS SHOWN
PROJECT NO.:	161-2700-000
DATE:	12/15/16
DESIGNER:	Lockwood, Andrews & Newnam, Inc.
CHECKER:	J. E. HELTON, P.E.
APPROVED:	J. E. HELTON, P.E.

**BSEACD EXHIBITS
(1 OF 3)
PHASE 1A PIPELINE
SEGMENT B**



INTERNAL REVIEW ONLY
DATE: 12/15/16
PROJECT: BSEACD EXHIBITS
DRAWING NO. 161-2700-000

Lockwood, Andrews & Newnam, Inc.
1300 N. 15th St.
Tomball, TX 77375
281.290.0000
www.lockwood-an.com



DIRECTION OF FLOW THROUGH PIPELINE TO BUUDA



- 1. ALL EXISTING UTILITIES TO REMAIN AT EXISTING DEPTHS AND LOCATIONS UNLESS OTHERWISE INDICATED.
- 2. ALL EXISTING UTILITIES TO BE DELETED AS SHOWN ON THIS PLAN.
- 3. ALL EXISTING UTILITIES TO BE DELETED AS SHOWN ON THIS PLAN.
- 4. ALL EXISTING UTILITIES TO BE DELETED AS SHOWN ON THIS PLAN.
- 5. ALL EXISTING UTILITIES TO BE DELETED AS SHOWN ON THIS PLAN.
- 6. ALL EXISTING UTILITIES TO BE DELETED AS SHOWN ON THIS PLAN.
- 7. ALL EXISTING UTILITIES TO BE DELETED AS SHOWN ON THIS PLAN.
- 8. ALL EXISTING UTILITIES TO BE DELETED AS SHOWN ON THIS PLAN.
- 9. ALL EXISTING UTILITIES TO BE DELETED AS SHOWN ON THIS PLAN.
- 10. ALL EXISTING UTILITIES TO BE DELETED AS SHOWN ON THIS PLAN.

Item 5

Board Discussions and Possible Actions

- a. Discussion and possible action related to amending the FY17 Budget.**

EXPLANATION OF CHANGES TO FY 2017 BUDGET

		<u>Amount of Change</u>
	REVENUE/INCOME	
1	Regional Facilities Planning Grant/TWDB This was excluded in the initial budget version since it was not known at that time that the grant expenses and income would not be realized until FY 2017.	\$240,000
2	Joint Funded Trinity Aquifer Characterization - Travis County This is a new special project with a FY 2017 ILA.	\$100,000
3	Joint Funded Trinity Aquifer Characterization - Hays County This is a new special project with a FY 2017 ILA.	\$100,000
4	General Account Funds to be Utilized for Core Budget Due to these proposed budget revisions, the amount of the general account funds to be utilized has increased from \$83,500 to \$214,900 (an additional increase of \$131,400 as seen on page 2 of the budget spreadsheet).	\$214,900
	EXPENSES	
5	Conservation Credits Previous year conservation credit amounts are used in new year budget projections until actual amount is determined in October. This reduction "trues-up" the amount to actual.	(\$5,901)
6	Salary and Wages See Memo explaining the 27th pay period in this fiscal year.	\$28,393
7	Goal-based Incentive Compensation This account was slightly underfunded due to the budget being approved in July (before the final salaries and wages for the new year were determined).	\$1,500
8	Interns/Temporary Employees Of this increase amount, \$6400 was moved out of Education budget into interns for a video intern plus one other; \$3500 was moved out of the Regulatory Compliance budget to interns to assist while open position is being filled; and \$2100 additional. (Included in the original budgeted amount of \$11,000 which usually funds 2 summer interns, is a UTSA student, plus one other.)	\$12,000
9	Payroll Taxes	\$3,837

This is a direct effect from the increased salaries and wages, that includes interns.

10 Workers Compensation Insurance **(\$1,100)**

As in conservation credits, the previous year amount is used in new year budget prediction until actual amount is received in October. This reduction "trues-up" the amount to actual.

11 Employee Pension Plan Contribution **\$3,197**

This is a direct effect from the increased salaries and wages from the 27th pay period.

12 New Database **\$40,000**

The Audit and Finance Committee determined that this is an important need to bring before the Board.

13 Salary Survey Specialist **\$20,000**

The Audit and Finance Committee determined that this is an important need to bring before the Board.

14 Election **(\$10,000)**

Since there was no opposition and the election was cancelled, not all of the budgeted funds were needed.

15 EDUCATION AND OUTREACH Contracted Support - Special Projects **(\$6,400)**

This money was moved INTO salaries and wages to cover interns.
See # 8 above.

16 REGULATORY COMPLIANCE Contracted Support **(\$3,500)**

This money was moved INTO salaries and wages to cover interns.
See # 8 above.

17 Regional Facilities Planning Grant / TWDB **\$5,000**

18 Multi-port Well Project for RegFacPlanGrant **\$40,000**

19 Consultant **\$240,000**

These were excluded in the initial budget version since it was not known at that time that the grant expenses and income would not be realized until FY 2017.

20 Annexation - Joint Funded Trinity Aquifer Characterization **\$100,000**

21 Annexation - Joint Funded Trinity Aquifer Characterization **\$100,000**

See #2 and #3 above. This is the expense side of this project.

SALARIES AND WAGES

27 PAY PERIODS FOR FY 2017

ISSUE

Approximately every 11 years, employers that pay employees on a bi-weekly basis will have an extra pay period (employers that pay on a weekly basis will have an extra pay period every five or six years). In short, it happens because 26 bi-weekly paychecks only cover 364 days in a year, not 365 (or 366 in Leap Years) and those extra one or two unaccounted for days add up to create an additional pay period every 11 years.

This extra pay period is not a bonus pay period. Employees will actually work that 80 hours.

This extra pay period does not affect hourly nonexempt employees since law mandates they are paid for every hour worked.

At this time, there is no case law, regulations or other guidance directly addressing this unique issue.

PROS

Treat all employees equally so that some don't get paid for those 80 weeks and some do.

Employees may be displeased with a smaller bi-weekly paycheck and overall morale may be negatively impacted.

The last time this happened was in 2004 and the Board or budget committee approved this (setting a precedent?) I looked for the audio tape to see where it was mentioned at a board meeting so that I could show that this was approved but those tapes have been destroyed.

Our currently approved budgeted salary amount (and related line items) can withstand this extra pay period.

The impact is minimal to our budget (for large corporations it has a much larger effect).

CONS

Budget impact (of 1 pay period which is approximately 19,000 total so let's cut that in about half for actual impact and say 11,000 because there are 5 nonexempts and 5 exempts). Also impacts FICA which is 7.65% of that 11,000 which is \$842, and impacts retirement at 7.5% which is \$825.

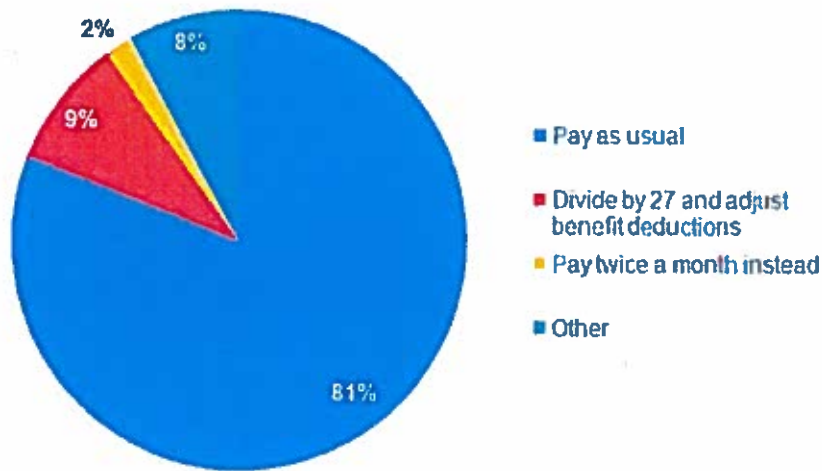
Lower employee morale due to lower paycheck amounts, and 80 hours not being paid for. This can mean almost a 2 to 4% increase for some but not for others.

Salaries would have to be recalculated and reduced in Quickbooks and then raised the following year (no biggie but still a negative impact).

It is already pretty far into the fiscal year so it would reduce paychecks by a noticeable amount.

OPTIONS

Figure 1 | If you pay every two weeks, how does your organization handle years that have 27 payrolls versus 26 for exempt employees?



GENERAL OBSERVATION/COMMENTS

When asked specifically how they handle years that have 27 versus 26 payrolls for exempt employees, 81% of respondents to ERC's Payroll Practices Survey indicate that they "pay as usual."

More than one employer explained that while in the past they had chosen to divide pay by 27, moving forward they would not be making that same choice. Employees may be displeased with a smaller bi-weekly paycheck and overall morale was negatively impacted.

Ultimately, no matter which option an organization selects to accommodate a 27 pay period schedule, the key is communication with employees. Clearly if any paycheck along the way is going to be smaller, employees will need to know in advance, but even for employers that do nothing this year, communication is still important.

**Barton Springs/Edwards Aquifer Conservation District
Fiscal Year 2017 DRAFT Budget Revision 1**

Budgeted Permitted Pumpage (Gallons)		3,336,650,119	2017 Initial Budget Board-approved 7.31.2016	2017 DRAFT Budget Revision 1 1.5.2017
I. INCOME				
A. Water Use and Production Fees:				
Actual Authorized Pumpage Revenue (@ 17¢ per 1,000 gallons)	GALLONS	2,893,896,038	\$491,962	\$491,962
Actual Authorized Pumpage Revenue (@ 46¢ per 1,000 gallons)		323,327,231	\$148,777	\$148,777
Total Actual Authorized Pumpage		3,217,223,269	\$640,739	\$640,739
Growth @3.5% based on Total Actual Authorized Pumpage (@ 17¢ per 1,000 gallons)		101,286,361	17,219	17,219
Growth @3.5% based on Total Actual Authorized Pumpage (@ 46¢ per 1,000 gallons)		11,319,971	5,207	5,207
Pending Permit Increases (@ 8¢ per 1,000 gallons)		0	0	0
Pending Permit Increases (@ 17¢ per 1,000 gallons)		6,720,000	1,142	1,142
Pending Permit Increases (@ 46¢ per 1,000 gallons)		0	0	0
Temporary Permits (@ 17¢ per 1,000 gallons)		0	\$0	\$0
Total Projected Permitting Revenue		3,336,650,119	\$664,307	\$664,307
COA Contribution (Water Use Fee Assessment)			\$850,846	\$850,846
Water Transport Fees (\$0.31/1,000 gallons)		400,000,000	\$1,515,153	\$1,515,153
Total Water Use Fees and Production Fees			\$1,639,153	\$1,639,153
B. Other Fees:				
Annual Permit Fees			\$5,500	\$5,500
Administrative Fees	Permit Application and Development		\$11,000	\$11,000
Total Other Fees			\$16,500	\$16,500
C. Other Income:				
Interest Income			\$3,200	\$3,200
Total Other Income			\$3,200	\$3,200
D. Grant Income:				
Regional Facilities Planning Grant / TWDB			\$0	\$240,000
Total Grant Income			\$0	\$240,000
E. Joint County Projects				
			\$0	\$240,000
1				

Budgeted Permitted Pumpage (Gallons)		3,336,650,119	2017 Initial Budget Board-approved 7.31.2016	2017 DRAFT Budget Revision 1 1.5.2017
2	Joint Funded Trinity Aquifer Characterization - Travis County	ILA	\$0	\$100,000
3	Joint Funded Trinity Aquifer Characterization - Hays County	ILA	\$0	\$100,000
	Total Joint County Projects		\$0	\$200,000
4	F. General Account Funds to be Utilized for Core Budget		\$83,500	\$214,900
	TOTAL PROJECTED INCOME		\$1,742,353	\$2,313,753
II. EXPENDITURES				
A. Operational Expenses				
	Electricity & Water		\$7,000	\$7,000
	Telecommunications Services	Phone, Internet, Telephony, Smartphone	\$19,500	\$19,500
	Printing / Copying / Photo Processing		\$2,000	\$2,000
	Postage / Freight / Shipping		\$3,500	\$3,500
	Office Supplies / Canteen		\$10,500	\$10,500
	Office Furniture		\$2,000	\$2,000
	Computer Hardware / Supplies / AV Equipment	Net-Capital	\$10,000	\$10,000
	Computer Software Maintenance/Upgrades/Acquisitions		\$2,400	\$2,400
	Information Technology Monthly Maintenance		\$12,000	\$12,000
	Board Meetings and Staff Meetings		\$5,600	\$5,600
	External Meetings and Sponsorships		\$7,500	\$7,500
	Subscriptions / Publications		\$4,200	\$4,200
	Advertising and Notices	Off Awarms	\$12,000	\$12,000
	Accounting System Operation and Maintenance		\$3,700	\$3,700
	Upgrades, and Repair and Maintenance:			
	Fleet Maintenance / Repair	Vehicles	\$7,000	\$7,000
	Office Complex Maintenance / Offices / Lawn		\$15,800	\$15,800
	Facilities Repair & Maintenance	General R & M	\$5,000	\$5,000
	Remodeling Projects		\$5,000	\$5,000
	Leases:			
	Postage Meter Lease	Quantity Lease	\$1,150	\$1,150
	Copier Lease and Maintenance	GE Capital / Daltell / CTT	\$11,500	\$11,500
	Directors Conferences / Travel		\$5,000	\$5,000
	Organizational / Staff Professional Dues		\$6,500	\$6,500

800000 rev'd, 200000 by May 2017

	Budgeted Permitted Pumpage (Gallons)	3,336,650,119	2017 Initial Budget Board-approved 7.21.2016	2017 DRAFT Budget Revision 1 1.5.2017	
	Insurance (Auto, Liability, Property, E&O, Public Bonds)		\$6,250	\$6,250	
	Professional Development	1500 x 11	\$16,500	\$16,500	
	Senior Staff Discretionary Funds		\$10,500	\$10,500	
5	Conservation Credits	Revenue Deduction	\$38,284	\$32,383	actual received in October (4910 78) + public bonds renewal (10000)
	Total Operational Expenses		\$230,384	\$224,483	actual
6	B. Salaries and Wages		\$723,756	\$750,756	Add 28,383 (11696 NEX and 16697 for EX) for addnl payperiod actual .3% 10.18.16
	Salary & Wages	COLA	\$10,781	\$10,781	
	Salary and Wages Cost of Living Increases		\$11,000	\$11,000	# was 1000 low in initial budget
	Salary and Wage Increases, and Merit Adjustments		\$43,500	\$45,000	move EDU video money here (6400), and RegComp Dillon (3500)
7	Goal-based Incentive Compensation		\$11,000	\$23,000	
8	Interns/Temporary Employees	9000 Annual Legislative Cap	\$45,000	\$45,000	
	Directors' Fees of Office		\$845,037	\$885,537	
	Total Salaries, Wages and Compensation		\$845,037	\$885,537	
9	C. Employment Taxes, Insurance and Benefits		\$66,263	\$70,100	805 video interns/regcomp intern/EAA intern, 2172 addnl payperiod plug number until March. (add Walker, Dillon, video intern)
	Payroll Taxes	7.65%	\$2,000	\$2,000	
	Texas Workforce Commission Taxes		\$86,500	\$86,500	
	Group Health Insurance (Employee only)	United and SBLink	\$10,000	\$10,000	
	Group Health Insurance (Dependent Coverage)	25% of United premium District-paid	\$15,000	\$15,000	
	Dental Insurance (Employee & Dependent Coverage)	Merlife	\$11,250	\$11,250	
	Life Insurance (Employee Coverage)	Unum	\$1,500	\$1,500	
	Vision Insurance (Employee Coverage)		\$4,100	\$3,000	actual received in October (2973.32)
10	Workers Compensation Insurance	TML	\$60,803	\$64,000	2179 addnl pay period
11	Employee Pension Plan Contribution	7.9%	\$257,416	\$263,350	
	Total Employment Taxes, Insurance and Benefits		\$257,416	\$263,350	
	D. Professional Services		\$11,000	\$11,000	
	Auditor (Annual)		\$19,000	\$19,000	
	Retirement Plan (Third Party Administration)	The Standard	\$5,000	\$5,000	
	Database Management		\$0	\$40,000	
12	New Database		\$0	\$20,000	
13	Salary Survey Specialist		\$0	\$20,000	
	Legal - General Services	Bickstaff	\$65,000	\$65,000	

Budgeted Permitted Pumpage (Gallons)		3,336,650,119	Budget Law	2017 Initial Budget Board-approved 7.21.2016	2017 DRAFT Budget Revision 1 1.5.2017
14	Legislative Support			\$36,000	\$36,000
	Election - including Legal			\$15,000	\$5,000
	Total Professional Services			\$151,000	\$201,000
	E. Team Expenditures				
	Aquifer Science Team			\$5,000	\$5,000
	Hydrogeologic Characterization			\$8,000	\$8,000
	Water Chemistry Studies			\$15,000	\$15,000
	Monitor Well, Equipment and Supplies			\$20,000	\$20,000
	Contracted Support			\$5,000	\$5,000
	Conferences and Seminars			\$53,000	\$53,000
	Total Aquifer Science Team			\$111,000	\$111,000
	Education and Outreach Team			\$1,500	\$1,500
	Publications			\$11,750	\$11,750
	Outreach			\$18,000	\$18,000
	General Support			\$5,500	\$5,500
	Equipment and Supplies			\$5,000	\$5,000
	Contracted Support			\$10,000	\$4,600
	Conferences and Seminars			\$1,250	\$1,250
	Total Education and Outreach Team			\$47,000	\$47,600
	Regulatory Compliance Team			\$8,000	\$8,000
	Special Projects and Investigations			\$10,000	\$10,000
	Well Sampling and Services			\$4,200	\$4,200
	Equipment and Supplies			\$20,000	\$16,500
	Contracted Support			\$5,000	\$5,000
	Conferences and Seminars			\$43,700	\$43,700
	Total Regulatory Compliance Team			\$47,200	\$47,200
	General Management Team & Administrative Team			\$30,000	\$30,000
	Contracted Support			\$20,000	\$20,000
	HCP-Completion Project			\$5,000	\$5,000
	Conferences and Seminars			\$5,000	\$5,000
	Total General Management & Administrative Team			\$55,000	\$55,000
15	Contracted Support - Special Projects				
	Conferences and Seminars				
	\$400 viden intern moved to S&W, EAA intern for 1000				
16	Contracted Support				
	Conferences and Seminars				
	RegComp intern (move to salaries and wages)				

		Budgeted Permitted Pumpage (Gallons)	3,336,650,119	2017 Initial Budget Board-approved 7.31.2016	2017 DRAFT Budget Revision 1 1.5.2017
	Total Team Expenditures			\$208,200	\$199,300
	F. Grant Expenses and Special Project Expenses				
	Grants:				
17	Regional Facilities Planning Grant / TWDB			\$0	\$5,000
18	Multi-port Well Project for RegPacPlantGrant			\$0	\$45,000
19	Consultant			\$0	\$240,000
	Total Grant Expenses			\$0	\$290,000
	Special Projects:				
	Annexation - Joint Funded Trinity Aquifer Characterization	BSEACD		\$50,000	\$50,000
20	Annexation - Joint Funded Trinity Aquifer Characterization	Hays		\$0	\$100,000
21	Annexation - Joint Funded Trinity Aquifer Characterization	Travis		\$0	\$100,000
	Total Special Projects Expenses			\$50,000	\$250,000
	Total Grant Expenses and Special Projects Expenses			\$50,000	\$540,000
	G. Capital Expenses				
	Total Capital Expenses			\$0	\$0
	TOTAL EXPENSES			\$1,742,037	\$2,313,670
	III. BANK ACCOUNTS				
	Available Funds				
	BB&T (Checking / Payroll)			\$79,593	\$284,497
	TexPool General			\$721,927	\$469,068
	Total Available Funds (Excludes Limited Use Funds)			\$801,520	\$753,565
	Limited Use Funds				
	TexPool - Contingency Account	Reinstated		\$732,165	\$733,525
	TexPool - Reserve Account	Reinstated		\$45,276	\$64,318
	Total Limited Use Funds			\$777,441	\$797,843
	IV. NON-CASH DISBURSEMENTS				
	Depreciation Expense	Per Audit Results		\$50,000	\$50,000

135000 out of 150000 spent in FY16
and 32,500 spent so far in FY 17

\$200,000 to be transferred into TexPool General Fund after bank clearance
see above line item explanation

as of 1.5.2017

	Budgeted Permitted Pumpage (Gallons)	2017 Initial Budget Board-approved 7.21.2016	2017 DRAFT Budget Revision 1 1.5.2017
	3,336,650,119	\$20,000	\$20,000
Accrued Benefits Payable (Earned Vacation)		\$70,000	\$70,000
Total Non-Cash Disbursements			
V. PROJECTED POSITION			
a. Total District Expenditures	excludes non-cash disbursements	\$1,742,037	\$2,313,670
b. Total District Revenue	current projected income	\$1,742,353	\$2,313,753
c. Current Net Gain / (Loss)	revenue - expenses	\$316	\$83
d. Total Revenue & Cash Funds (excluding Limited Use Funds)	projected income * available cash funds	\$2,543,873	\$3,067,318
e. Contingency Fund		\$732,165	\$733,525

Item 5

Board Discussions and Possible Actions

b. Discussion and possible action related to the permit application for conversion of a Temporary Production Permit to a Regular Historical Production Permit (Application) of Needmore Water LLC to authorize withdrawal of an annual permitted volume of approximately 289,030,000 gallons per year of groundwater from the Trinity Aquifer for agricultural use. The Board will consider the following:

- a. Timeline associated with processing of application;**
- b. Written comments and requests for contested case hearing;**
- c. Determination to conduct a contested case hearing;**
- d. Requests that contested case hearing be conducted by and referral to the State Office of Administrative Hearings (SOAH);**
- e. Deposit for and approval of contract with SOAH to conduct hearings;**
- f. Date, time, location and who will conduct the preliminary hearing;**
- g. Designation of presiding officer;**
- h. Matters to be included in any referral to SOAH, including hearing location and cost allocations;**
- i. Selection of special counsel; and,**
- j. Other matters necessary to conduct future hearings(s) in connection with the Application.**

Note: At this meeting, the Board of Directors will not conduct a hearing, determine party status, nor decide whether to grant or deny, in whole or part, the Application. The Board will consider the procedural steps identified above that relate to how, when and where the future hearings will be conducted. Adequate notice of the future hearings will be provided.

Item 5

Board Discussions and Possible Actions

c. Discussion and possible action related to an offer of compensation by the Hays Caldwell Public Utility Agency for easements on District property.



**Lockwood, Andrews
& Newnam, Inc.**
A LEO A DALY COMPANY

Consultant to Hays Caldwell Public Utility Agency

Offer Letter

October 12, 2016

Certified Mail Return Receipt Requested
Article # 7015 1520 0002 8885 7430

Barton Springs/Edwards Aquifer Conservation District
Attn: John Dupnik
1124-A Regal Row
Austin, Texas 78748-3701

RE: Hays Caldwell Public Utility Agency, Phase 1A Project, Parcel 25

Dear Mr. Dupnik,

As you may know, Hays Caldwell Public Utility Agency (HCPUA) is in the process of installing a water line in your area in the near future. To this end, it is necessary for HCPUA to acquire easements from your property. Attached, please find the surveys describing areas to be acquired.

Based on an appraisal made by an independent appraiser, HCPUA is authorized to offer you **\$19,235.00** for your property, which includes \$15,829.00 for the permanent Waterline Easement, \$1,646.00 for the Permanent Access Easement and \$1,760.00 for the Temporary Construction Easement. This amount is the total amount of just compensation for the easement portion of your property to be acquired, as determined in accordance with State law, less oil, gas and sulphur, subject to clear title being conveyed to HCPUA.

If you wish to accept the offer based upon this appraisal, please contact Jeanne Ganley, at (512) 338-2727, so that the process of issuing your payment may be started. If you are not willing to accept this offer, you may submit a written request for administrative settlement/counteroffer, setting forth a counteroffer amount and the basis for such amount, provided such settlement request is received in writing within 30 days from the date of this letter. Please note that your opportunity to submit an administrative settlement shall be forfeited if such a settlement request is not received by HCPUA within the 30 day time deadline.

In the event the condition of the property changes for any reason, the HCPUA shall have the right to withdraw this offer. In addition as an entity possessing eminent domain authority, the HCPUA is required by law to inform you of your rights as stated in the attached Texas Landowner's Bill of Rights provided by the Office of the Texas Attorney General and HUD brochure.

Respectfully,

David Baylor
Right of Way Project Manager
Lockwood, Andrews & Newnam, Inc.

Enclosures:

Surveys (metes and bounds) (2)
Appraisal Report
Texas Landowner Bill of Rights
When a Public Agency Acquires your Property
Information About Brokerage Services (IABS 1-0)

EASEMENT DESCRIPTION

DESCRIPTION OF A 0.2351 ACRE TRACT (10,242 SQUARE FEET) OF LAND LOCATED IN THE M.M. McCARVER SURVEY, ABSTRACT No. 10 IN HAYS COUNTY, TEXAS, BEING OUT OF A CALLED 38.624 ACRE TRACT, TO BARTON SPRINGS/EDWARDS AQUIFER CONSRVATION DISTRICT, RECORDED IN VOLUME 1336, PAGE 685, OFFICIAL PUBLIC RECORDS, HAYS COUNTY, TEXAS (O.P.R.H.C.TX.), BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

COMMENCING at a 1/2-inch iron rod found in the north line of said 38.624 acre tract, same being south right-of-way line of County Road 148 (aka Cole Springs Road), N89°22'34"E, a distance of 1267.50 feet to a calculated point for the **POINT OF BEGINNING** of the described tract herein;

THENCE along said common line, N89°22'34"E, a distance of 20.01 feet to a calculated point for the northeast corner of the tract described herein;

THENCE leaving said common line, over and across said 38.624 acre tract the following ten (10) courses and distances:

1. S26°32'37"E, a distance of 32.82 feet to a calculated point,
2. S01°33'57"W, a distance of 41.54 feet to a calculated point,
3. S28°52'15"W, a distance of 178.44 feet to a calculated point,
4. S37°12'13"W, a distance of 69.03 feet to a calculated point,
5. S56°30'47"W, a distance of 77.77 feet to a calculated point,
6. S86°07'51"W, a distance of 37.38 feet to a calculated point,
7. N78°41'12"W, a distance of 38.18 feet to a calculated point,
8. N69°51'39"W, a distance of 53.35 feet to a calculated point,
9. N64°49'49"W, a distance of 39.14 feet to a calculated point, and
10. N79°46'12"W, a distance of 16.15 feet to a calculated point in the east line of an existing permanent water line easement being the southwest corner of the tract described herein;

THENCE along the east line of said water line easement, N02°49'58"E, a distance of 18.15 feet to a calculated point for the northwest corner of the tract described herein;

THENCE leaving said east line, over and across said 38.624 acre tract the following ten (10) courses and distances:

1. S79°46'12"E, a distance of 20.85 feet to a calculated point,
2. S64°49'49"E, a distance of 40.71 feet to a calculated point,
3. S69°51'39"E, a distance of 51.17 feet to a calculated point,
4. S78°41'12"E, a distance of 34.40 feet to a calculated point,
5. N86°07'51"E, a distance of 30.22 feet to a calculated point,
6. N56°30'47"E, a distance of 69.95 feet to a calculated point,
7. N37°12'13"E, a distance of 64.65 feet to a calculated point,
8. N28°52'15"E, a distance of 172.75 feet to a calculated point,
9. N01°33'57"E, a distance of 32.67 feet to a calculated point, and

10. N26°32'37"W, a distance of 37.06 feet to the POINT OF BEGINNING, and containing 0.2351 acres (10,242 square feet) of land, more or less.

All bearings are based on the Texas State Plane Coordinate System, South Central Zone, NAD 83.

This property description is accompanied by a separate plat of even date.

THE STATE OF TEXAS
COUNTY OF TRAVIS

|
|
|

KNOW ALL MEN BY THESE PRESENTS:

That I, William Reed Herring, a Registered Professional Land Surveyor, do hereby certify that the above description is true and correct to the best of my knowledge and belief and that the property described herein was determined by a survey made on the ground under my direction and supervision.

WITNESS MY HAND AND SEAL at Austin, Travis County, Texas, on the date shown below.

SURVEYING AND MAPPING, LLC
4801 Southwest Parkway, Building Two, Suite 100
Austin, Texas 78735
TX Firm Registration No. 10064300

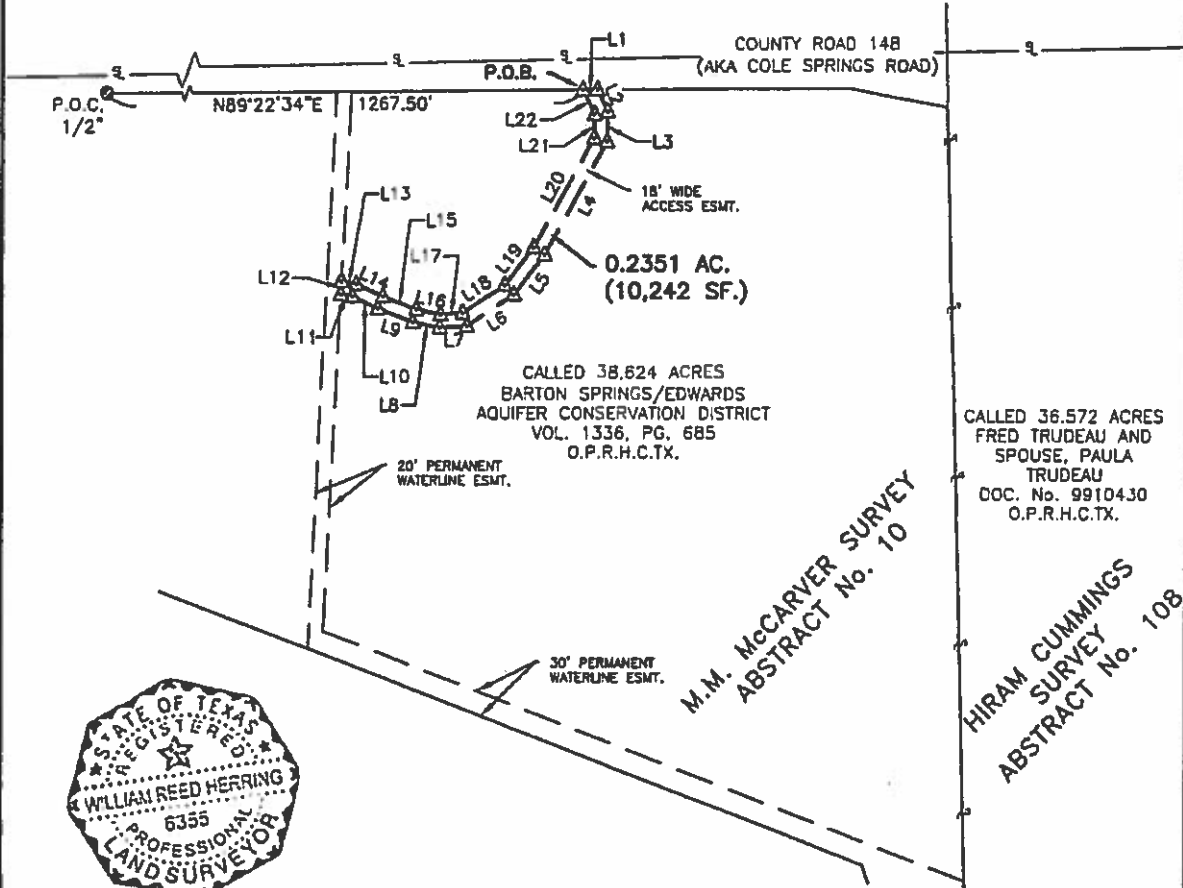


William Reed Herring Date
Registered Professional Land Surveyor
No. 6355 - State of Texas





0.2351 ACRES OF LAND (10,242 SQUARE FEET) OUT OF THE M.M. McCARVER SURVEY No. 4, ABSTRACT No. 10 HAYS COUNTY, TEXAS



LEGEND

- ⊙ 1/2" IRON ROD FOUND
- △ CALCULATED POINT
- O.P.R.H.C.TX. OFFICIAL PUBLIC RECORDS HAYS COUNTY, TEXAS
- ESMT. EASEMENT
- — — — — APPROXIMATE SURVEY LINE

BEARING BASIS:

BEARINGS ARE BASED ON THE TEXAS STATE COORDINATE SYSTEM, SOUTH CENTRAL ZONE, NAD 83/93 (CORS). COORDINATES SHOWN ARE GRID VALUES. U.S. SURVEY FEET.

THIS PLAT IS ACCOMPANIED BY A SEPARATE PROPERTY DESCRIPTION OF EVEN DATE.

LINE TABLE		
NUMBER	DIRECTION	LENGTH
L1	N89°22'34"E	20.01'
L2	S26°32'37"E	32.82'
L3	S01°33'57"W	41.54'
L4	S28°52'15"W	178.44'
L5	S37°12'13"W	69.03'
L6	S56°30'47"W	77.77'
L7	S86°07'51"W	37.38'
L8	N78°41'12"W	38.18'
L9	N69°51'39"W	53.35'
L10	N64°49'49"W	39.14'
L11	N79°46'12"W	16.15'

LINE TABLE		
NUMBER	DIRECTION	LENGTH
L12	N02°49'58"E	18.15'
L13	S79°46'12"E	20.85'
L14	S64°49'49"E	40.71'
L15	S69°51'39"E	51.17'
L16	S78°41'12"E	34.40'
L17	N86°07'51"E	30.22'
L18	N56°30'47"E	69.95'
L19	N37°12'13"E	64.65'
L20	N28°52'15"E	172.75'
L21	N01°33'57"E	32.67'
L22	N26°32'37"W	37.06'

William Reed Herring 7/26/2016
 WILLIAM REED HERRING REGISTERED PROFESSIONAL LAND SURVEYOR NO. 6355 - STATE OF TEXAS

JOB NUMBER: 1015002728
 DATE: 7/26/16
 PROJECT: City of Buda
 Buda Waterline



4801 Southwest Parkway
 Building Two, Suite 100
 Austin, Texas, 78735
 Ofc: 512.447.0575
 Fax: 512.326.3029
 email: info@sam.biz
 Texas Firm Registration No. 10064300

PROJECT: City of Buda
 Buda Waterline
 SHEET 3 OF 3

EASEMENT DESCRIPTION

DESCRIPTION OF A 2.2613 ACRE TRACT (98,504 SQUARE FEET) OF LAND LOCATED IN THE M.M. McCARVER SURVEY, ABSTRACT No. 10 IN HAYS COUNTY, TEXAS, BEING OUT OF A CALLED 38.624 ACRE TRACT, TO BARTON SPRINGS/EDWARDS AQUIFER CONSRVATION DISTRICT, RECORDED IN VOLUME 1336, PAGE 685, OFFICIAL PUBLIC RECORDS, HAYS COUNTY, TEXAS (O.P.R.H.C.TX.), BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

COMMENCING at a concrete highway marker found in the northwest right-of-way line of Farm to Market 2770, S56°48'11"W, a distance of 34.94 feet to a calculated point for the **POINT OF BEGINNING** of the herein described tract,

THENCE S62°15'58"W, a distance of 33.22 feet to a concrete highway marker found, same being the south line of said 38.624 acre tract and the northwest right-of-way of said Farm to Market 2770;

THENCE S75°25'06"W, a distance of 30.46 feet to a 5/8-inch iron rod found for the southernmost southwest corner of said 38.624 acre tract, same being the southwest corner of the tract described herein;

THENCE along the west line of said 38.624 acre tract the following two (2) courses and distances:

1. N07°40'27"W, a distance of 559.14 feet to a 5/8-inch iron rod found, and
2. N18°44'19"W, a distance of 78.66 feet to a 5/8-inch iron rod found for an angle point in the west line of said 38.624 acre tract;

THENCE N69°01'16"W, along a south line of said 38.624 acre tract, a distance of 824.73 feet to a calculated point for the westernmost southwest corner of the tract described herein, from which a 5/8-inch iron rod found in the south line of said 38.624 acre tract bears, N69°01'16"W, a distance of 216.98 feet,

THENCE leaving said south line, over and across said 38.624 acre tract, N02°49'58"E, a distance of 766.34 feet to a calculated point, same being in the south right-of-way line of County Road 148 (aka Cole Springs Road), from which an 1/2-inch iron rod found in the north line of said 38.624 acre tract bears S89°22'34"W, a distance of 925.86 feet,

THENCE along said south right-of-way line, same being the north line of the herein described tract, N89°22'34"E, a distance of 20.04 feet to a calculated point;

THENCE leaving said south right-of-way line, over and across said 38.624 acre tract the following two (2) courses and distances:

1. S02°49'58"W, a distance of 742.53 feet to a calculated point, and
2. S69°01'16"E, a distance of 953.90 feet to a calculated point in the east line of said 38.624 acre tract, same being the west line of a called 36.572 acre tract, to Fred Trudeau and spouse, Paula Trudeau, recorded in Document No. 9910430, O.P.R.H.C.TX.,

THENCE along said common line, S01°40'09"E, a distance of 583.50 feet to the POINT OF BEGINNING, and containing 2.2613 acres (98,504 square feet) of land, more or less.

All bearings are based on the Texas State Plane Coordinate System, South Central Zone, NAD 83.

This property description is accompanied by a separate plat of even date.

THE STATE OF TEXAS

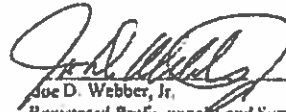
KNOW ALL MEN BY THESE PRESENTS.

COUNTY OF TRAVIS

That I, Joe D. Webber, Jr., a Registered Professional Land Surveyor, do hereby certify that the above description is true and correct to the best of my knowledge and belief and that the property described herein was determined by a survey made on the ground under my direction and supervision.

WITNESS MY HAND AND SEAL at Austin, Travis County, Texas, on the date shown below.

SURVEYING AND MAPPING, LLC
4801 Southwest Parkway, Building Two, Suite 100
Austin, Texas 78735
TX Firm Registration No. 10064300

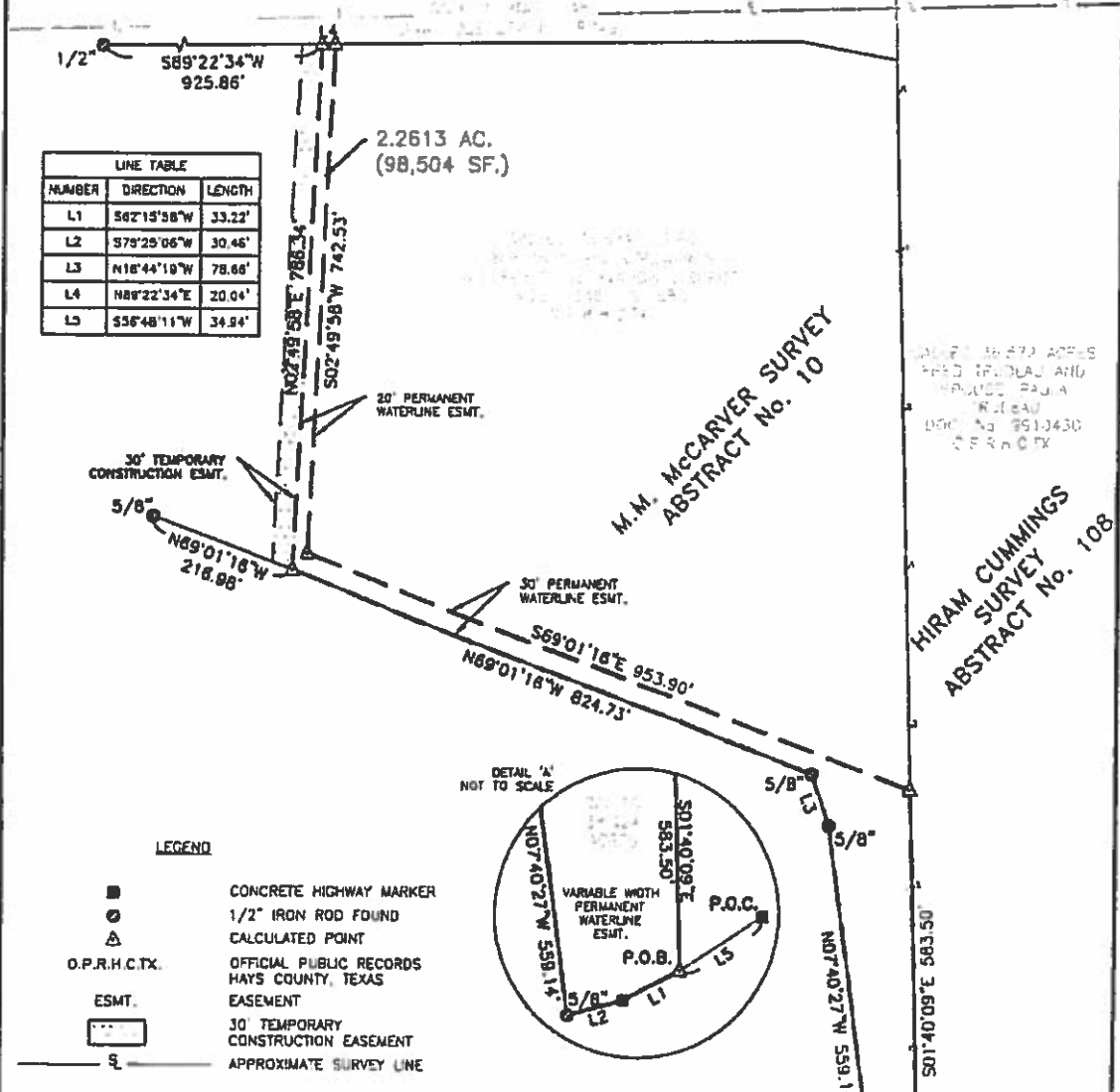

Joe D. Webber, Jr. Date 4-3-16
Registered Professional Land Surveyor
No. 4552 - State of Texas



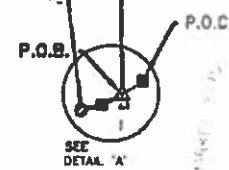
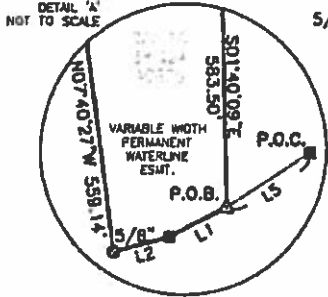


2.2613 ACRES OF LAND (98,504 SQUARE FEET) OUT OF THE M.M. MCCARVER SURVEY No. 4, ABSTRACT No. 10 HAYS COUNTY, TEXAS

LINE TABLE		
NUMBER	DIRECTION	LENGTH
L1	S82°15'58"W	33.22'
L2	S79°25'06"W	30.46'
L3	N16°44'19"W	78.66'
L4	N89°22'34"E	20.04'
L5	S56°48'11"W	34.84'



- LEGEND**
- CONCRETE HIGHWAY MARKER
 - 1/2" IRON ROD FOUND
 - △ CALCULATED POINT
 - O.P.R.H.C.TX. OFFICIAL PUBLIC RECORDS HAYS COUNTY, TEXAS
 - ESMT. EASEMENT
 - 30' TEMPORARY CONSTRUCTION EASEMENT
 - ⋯ APPROXIMATE SURVEY LINE



BEARING BASIS:
 BEARINGS ARE BASED ON THE TEXAS STATE COORDINATE SYSTEM, SOUTH CENTRAL ZONE, NAD 83/93 (CGRS). COORDINATES SHOWN ARE GRID VALUES.



Joe D. Webber, Jr. 6-3-16
 JOE D. WEBBER, JR. DATE
 REGISTERED PROFESSIONAL LAND SURVEYOR
 NO. 4552 - STATE OF TEXAS

DATE	6-3-16
PROJECT	City of Buda Buda Waterline
SHEET	1 OF 1



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 Building Two, Suite 100
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PROJECT: City of Buda Buda Waterline
 SHEET 1 OF 1



**Barton Springs
Edwards Aquifer**
CONSERVATION DISTRICT

October 25, 2016

Mr. David Baylor
Right of Way Project Manager
Lockwood, Andrews & Newman, Inc.
8911 N. Capital of Texas Highway
Building 2, Suite 2300
Austin, TX 78759

Re: Hays Caldwell Public Utility Agency, Phase 1A Project, Parcel 25

Dear Mr. Baylor:

The purpose of this letter is to respond to your October 12, 2016 letter regarding an offer to obtain an easement from the Barton Springs/Edwards Aquifer Conservation District (District). Before the District can consider the Hays Caldwell Public Utility Agency (HCPUA) offer, it requires the additional information described below and requests to meet with you to discuss the project. Finally, the District requests time beyond the 30 days in your letter for the Board of Directors to consider the additional information.

In order for the District to understand the easement HCPUA desires to obtain, please provide the following:

1. A copy of the form of easement or property conveyance HCPUA requests from the District,
2. A drawing or aerial photo showing the alignment of the proposed pipeline on the District's property as it enters and exits the property, and the location of above-ground structures and large trees,
3. Schematic profile showing the typical depth and boring under Onion Creek, and
4. Schematics and drawings showing the engineering design and specifications for the proposed pipeline, boring, and related infrastructure on the property.

The District would appreciate obtaining this information prior to meeting with you. As stated earlier, the District requests a 60-day extension of the 30-day deadline so that the Board may consider the information requested in this letter at a future Board meeting.

Sincerely,

John T. Dupnik, P.G.
General Manager

DIRECTION OF FLOW THROUGH PIPELINE TO S.J.O.A.



NOTE:
 ALL WORK SHALL BE IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION SPECIFICATIONS FOR THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN ADEQUATE RECORDING OF ALL WORK PERFORMED.



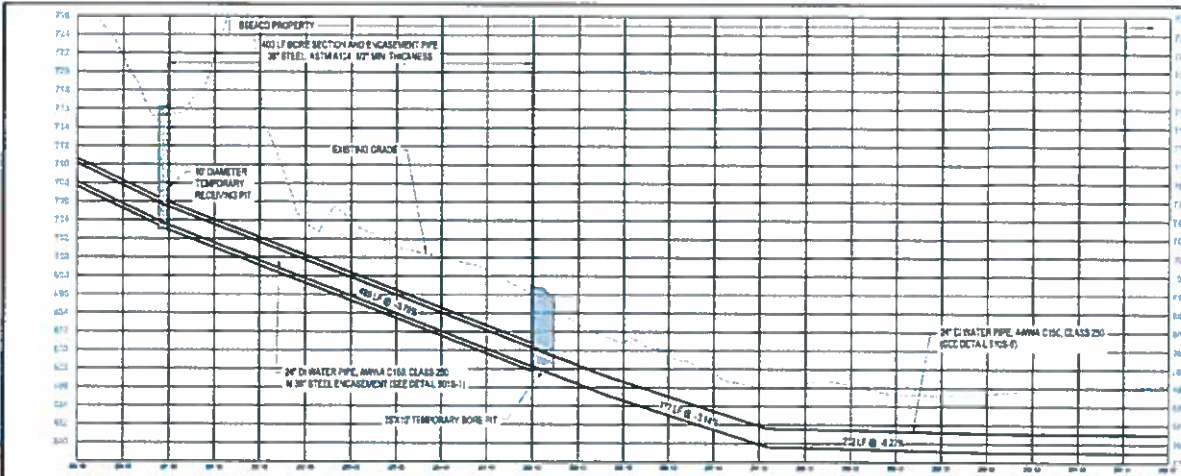
IGN International Geotechnical Engineering, Inc.
 11000 West 16th Avenue, Suite 100
 Denver, Colorado 80202
 Phone: (303) 751-1100
 Fax: (303) 751-1101
 www.ign-engineering.com

HCP/PA

BSEACO EXHIBITS (1 OF 3)
PHASE 1/A PIPELINE SEGMENT B

NO.	DATE	DESCRIPTION
1	10/15/10	ISSUED FOR PERMITTING
2	11/15/10	ISSUED FOR CONSTRUCTION
3	12/15/10	ISSUED FOR AS-BUILT
4	01/15/11	ISSUED FOR FINAL

PLAN



SCALE: VERTICAL 1" = 10' HORIZONTAL 1" = 100'

ALL "BORES" ARE TO BE INSTALLED WITH PROTECTIVE SHEATHING AND TO BE COVERED WITH APPROVED GRANULAR FILL. THE PROTECTIVE SHEATHING SHALL BE MADE OF POLYETHYLENE (HDPE) AND SHALL BE 1/4" THICK. THE COVER SHALL BE MADE OF GRANULAR FILL AND SHALL BE 18" THICK. THE COVER SHALL BE CONSTRUCTED WITH THE GRANULAR FILL IN PLACE AND SHALL BE 18" THICK.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION.

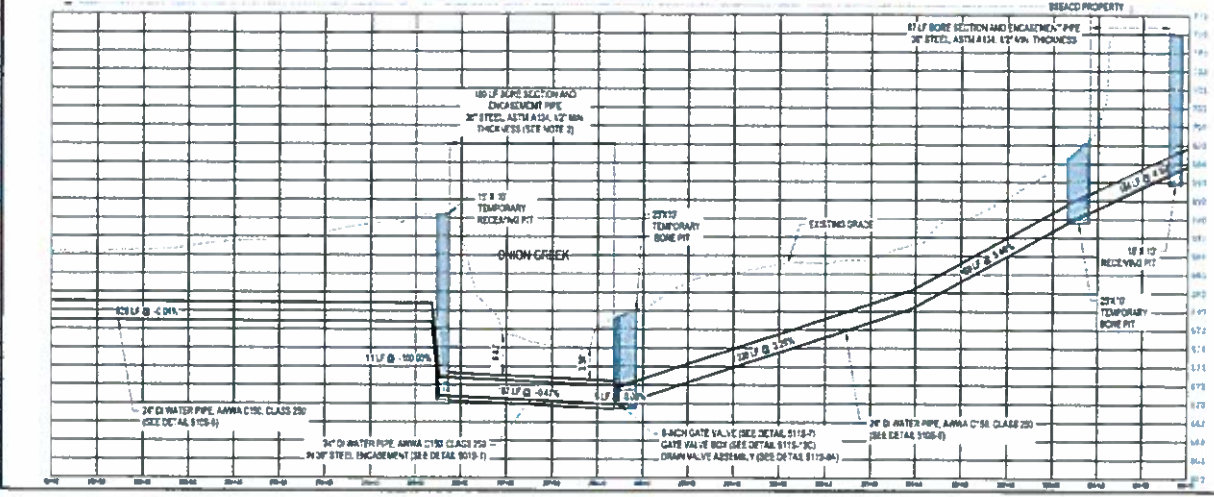
IGP
INTEGRATED PROJECT MANAGEMENT
 PROJECT MANAGER
 1501 W. WASHINGTON BLVD., SUITE 1000
 DENVER, CO 80202-3551
 PHONE: 303.733.1234
 FAX: 303.733.1235
 WWW.IGP.COM

WATSON POWER GROUP
 PROJECT MANAGER
 1501 W. WASHINGTON BLVD., SUITE 1000
 DENVER, CO 80202-3551
 PHONE: 303.733.1234
 FAX: 303.733.1235
 WWW.WATSONPOWERGROUP.COM

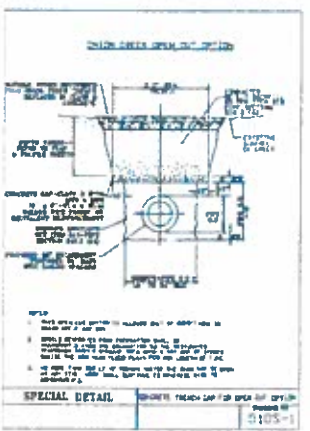
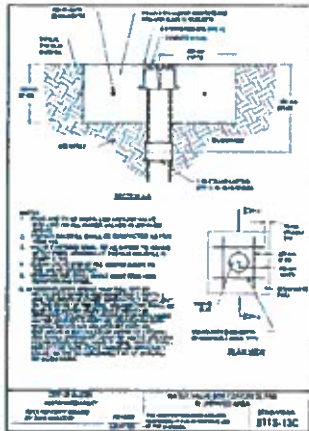
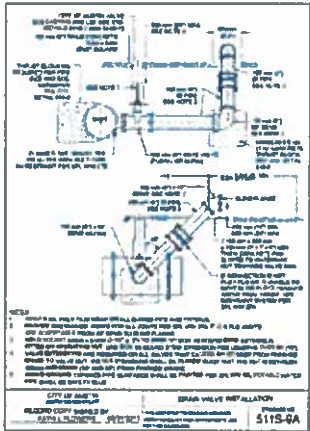
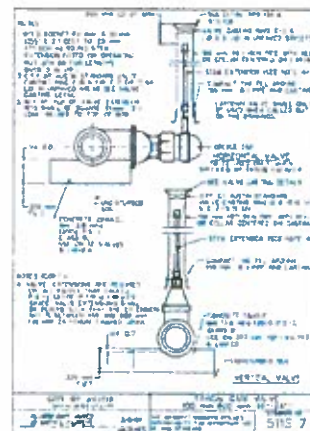
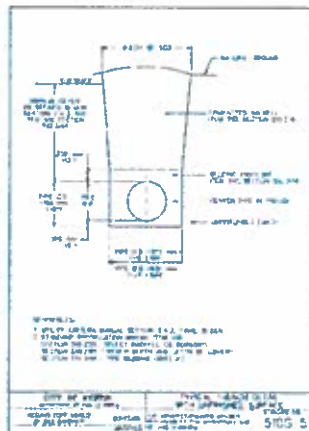
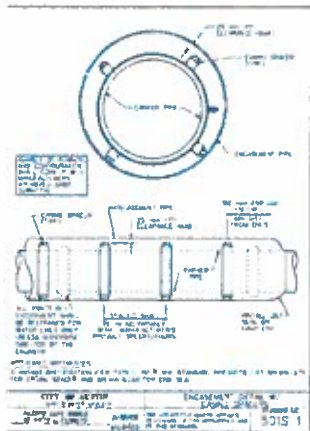
HCP/EA
 HCP/EA

**BSEAC EXHIBITS
 (2 OF 3)
 PHASE 1A PIPELINE
 SEGMENT B**

DATE:	11/15/2011
DESIGNED BY:	F. M. SUTHERLAND, P.E.
CHECKED BY:	J. M. SUTHERLAND, P.E.
IN CHARGE:	J. M. SUTHERLAND, P.E.
APPROVED:	F. M. SUTHERLAND, P.E.
PROJECT NO.:	1000-1000-0001



PROFILE



IGN
IGN ENGINEERING
IGN ENGINEERING
IGN ENGINEERING

HCPUA

BSEACD EXHIBITS
(3 OF 3)
PHASE 1A PIPELINE
SEGMENT B

DETAILS

Item 5

Board Discussions and Possible Actions

d. Discussion and possible action related to current efforts to address Onion Creek flooding including the role of the District in participating in such efforts.

Item 5

Board Discussions and Possible Actions

e. Discussion and possible action related to activities in the 84th legislative session of interest to the District including consideration of prospective bills proposed to be filed.

Item 5

Board Discussions and Possible Actions

- f. Discussion and possible action related to the scheduling of future regular Board meetings.**

Item 5

Board Discussions and Possible Actions

g. Discussion and possible action on the City of Dripping Springs TPDES permit application to authorize direct discharge of treated wastewater to Onion Creek in the contributing zone of the Barton Springs segment of the Edwards Aquifer.

Item 6

Director's Reports

Directors' Reports. *(Note: Directors' comments under this item cannot address an agenda item posted elsewhere on this agenda and no substantive discussion among the Board Members or action will be allowed in this meeting. Communications reported under this item may be used to support Performance Standard 4-1 of the District's Management Plan related to demonstration of effective communication with District constituents.)*

Directors may report on their involvement in activities and dialogue that are of likely interest to the Board, in one or more of the following topical areas:

- Meetings and conferences attended or that will be attended;
- Conversations with public officials, permittees, stakeholders, and other constituents;
- Commendations; and
- Issues or problems of concern.

Item 7

Adjournment