

NOTICE OF OPEN MEETING

Notice is given that a **Regular Meeting and Public Hearing** 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, September 28, 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 August 24, 2017 regular Meeting. Not for public review at this time**
 - 3. Approval of the effectiveness of Directors' communications with stakeholders and constituents for the 4th Quarter FY 2017 (June-August) per the collective judgment of the Board, as required by the District's Management Plan. Pg. 17**
 - 4. Approval of issuing the earned Conservation Credits to permittees for FY 2017. Pg. 18**
 - 5. Approval of out-of-state travel for Brian Smith to attend and present at the Geological Society of America annual meeting in Seattle, Washington from October 22-25. Pg. 21**
 - 6. Approval of a contract for human resources consulting services to perform a comprehensive classification and compensation analysis. NBU**

- 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. 27
- ii. Update on GMA and regional water planning
- iii. Update on regulatory and enforcement activities
- iv. Update on District grant projects and other Aquifer Science Team projects
- v. Update on activities related to area roadway projects
- vi. Update on the District HCP and ITP application
- vii. Update on Board committee activity

4. Public Hearing

The Board will hold a Public Hearing on the update and proposed District Management Plan that has been updated and revised to incorporate new planning data, address statutory requirements, and include objectives and standards that support the District's mission and statutory purpose.

5. Discussion and Possible Action.

- a. Discussion and possible action related to approval of Resolution No. 092817-01 adopting the District's management plan and approving the plan for submittal to the Texas Water Development Board. Pg. 33
- b. Discussion and possible action related to demonstration of the District's augmented reality app, Clear Creek Critters and approval of contract to continue development. Pg. 36
- c. Discussion and possible action related to planning for the Groundwater Stewardship Awards including establishing a Board subcommittee and setting a date for the awards luncheon. Pg. 40
- d. Discussion related to identification of possible District goals for FY 2018. Pg. 43

- e. 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.**

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 2

Citizen Communications

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.)

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Quarterly Board Judgment of Effective Director Communications

(as required by the District Management Plan)

III.C.4. Objective 4. Demonstrate leadership in external communication, collaboration, coordination and joint planning with respect to groundwater and related resources.

Performance Standard 4-1: Cultivate and communicate effectively and routinely with stakeholders of all types that affect and are affected by the District's programs and policies.

Metric: Collective judgment of the Board once each quarter as to whether communications between the District and its stakeholder community, including constituents and other public officials, are providing an effective basis for District decision-making and for identifying any needed remedial actions.

Date of Meeting:

September 28, 2017

Assessing Preceding Quarter of:
4th Quarter

Collective Judgment:

Motion by:

Second by:

Supporting documentation attached including:

- Minutes of this meeting
- Copies of Director Compensation forms for previous quarter
- Any other documentation provided by the Directors

Conservation Credits - Fiscal Year 2017

Exhibitor	FY17 Conservation & Outreach Program Detailed Breakdown (Program Type)	FY16 Budget Actual Spending (Program Type)	FY16 Actual Spending (Program Type)	Material Inputs (Program Type)	Human Inputs (Program Type)	Paid-out Wages (Program Type)	Total Wages (Program Type)	Non-paid Outreach Opportunities (Program Type)	Outreach Opportunities Completed (Program Type)	Total Cultural/Civic Opportunities (Program Type)	Urgent Outreach Opportunities (Program Type)	Urgent Outreach Completed (Program Type)	10% Administrative Fee (Program Type)	10% Administrative Fee Completed (Program Type)	Other Administrative Fees (Program Type)	Other Administrative Fees Completed (Program Type)		
City of Buda	6937 Bilingual Bilingual Programs	275,000,000	226,789,000	179,570,700	169,406,000	Yes	1	0	1	0	N/A	OK	\$6,089.12	\$1,044.56	\$3,044.56	\$3,044.56		
Monarch Utilities, Inc.	224,400,000	138,411,000	124,297,000	100,780,000	Yes	1	0	1	0	N/A	OK	\$5,152.48	\$868.95	\$1,350.00	\$1,235.32	\$2,000.00		
Cashman-Maha Water Supply Corp.	235,065,800	213,656,000	145,675,700	147,220,199	Yes	1	0	1	0	N/A	OK	\$4,175.38	\$747.54	\$2,087.69	\$2,087.69	\$2,087.69		
Golden Special Utility District	350,900,000	142,036,000	112,363,000	127,732,000	Yes	0	0	0	0	N/A	OK	\$3,621.92	\$582.19	\$1,010.96	\$1,010.96	\$1,010.96		
Crescent Park Water Company, Inc.	118,000,000	116,000,000	67,066,300	64,530,200	61,081,200	Yes	0	0	0	0	N/A	OK	\$1,730.59	\$296.50	\$865.30	\$865.30	\$865.30	
Aqua Texas, Inc./Sierra West	30,000,000	26,000,000	18,585,000	27,359,000	N/A	Yes	0	0	0	0	N/A	OK	\$1,469.80	\$149.99	\$744.94	\$744.94	\$744.94	
Aqua Texas, Inc./Shady Hollow	80,000,000	86,000,000	44,447,000	41,369,000	41,351,000	Yes	0	0	0	0	N/A	OK	\$1,133.40	\$113.34	\$566.70	\$566.70	\$566.70	
Aqua Texas, Inc./Lonestarwoods	88,764,000	88,764,000	41,710,000	37,870,000	36,515,000	Yes	0	0	0	0	N/A	OK	\$1,063.61	\$103.61	\$531.80	\$531.80	\$531.80	
Texas Limestone Cement Co. (Plant)	54,750,000	54,750,000	31,581,350	34,841,310	36,755,800	Yes	0	0	0	0	N/A	OK	\$893.07	\$89.31	\$441.54	\$441.54	\$441.54	
Aqua Texas, Inc./Bliss Spillar (Plant)	38,225,000	38,225,000	15,784,000	17,522,000	20,212,000	Yes	0	0	0	0	N/A	OK	\$72,78	\$75.28	\$376.38	\$376.38	\$376.38	
Armytage Double Water System	52,800,000	52,800,000	26,630,000	26,612,400	23,530,100	Yes	0	0	0	0	N/A	OK	\$57,91	\$326.53	\$326.53	\$326.53	\$326.53	
Aqua Texas, Inc./Onion Creek Meadows	36,300,000	36,300,000	21,172,000	20,261,000	20,605,000	Yes	0	0	0	0	N/A	OK	\$539.89	\$53.99	\$269.94	\$269.94	\$269.94	
Village of San Leanna	31,851,200	31,851,200	11,164,000	10,653,300	10,329,400	Yes	0	1	1	0	N/A	OK	\$284.70	\$28.47	\$142.35	\$142.35	\$142.35	
Aqua Texas, Inc./Bliss Spillar (Edwards)	12,875,000	12,875,000	9,119,000	9,101,000	9,701,000	Yes	0	0	0	0	N/A	OK	\$292.03	\$28.20	\$141.01	\$141.01	\$141.01	
Centex Materials, Inc.	214,291,000	214,291,000	105,807,500	96,457,600	101,024,300	Yes	0	0	0	0	N/A	OK	\$20,69	\$20.69	\$103.43	\$103.43	\$103.43	
Cook-Walden/Forest Oaks	5,000,000	5,000,000	1,205,500	1,193,700	2,350,100	Yes	1	0	1	0	N/A	OK	\$189.48	\$18.95	\$94.74	\$94.74	\$94.74	
Hays C.I.S.D. (Hays High School)	30,000,000	30,000,000	16,371,100	16,821,500	15,816,100	Yes	1	1	2	0	N/A	OK	\$382.57	No	\$50.00	\$50.00	\$50.00	
City of Hays Water Department - Elgin Ranch	54,150,000	54,150,000	40,005,200	37,411,400	29,982,800	Yes	2	0	2	0	N/A	OK	\$840.60	No	\$50.00	\$50.00	\$50.00	
Aqua Texas, Inc./Bear Creek Park	12,986,000	12,986,000	12,098,000	12,070,000	12,070,000	Yes	0	0	0	0	N/A	OK	\$12,76	No	\$50.00	\$50.00	\$50.00	
Aqua Texas, Inc./McManderland Water System	6,000,000	6,000,000	3,314,000	3,412,000	2,844,000	Yes	0	0	0	0	N/A	OK	\$16.68	No	\$50.00	\$50.00	\$50.00	
Bartin Properties	800,000	400,000	293,220	288,590	73,070	Yes	2	0	2	0	N/A	OK	\$7,48	No	\$50.00	\$50.00	\$50.00	
Bear Creek Office Park	750,000	750,000	105,470	62,860	164,530	Yes	2	1	3	0	N/A	OK	\$13.44	No	\$50.00	\$50.00	\$50.00	
Benjimen Roads	1,000,000	1,000,000	599,000	599,000	816,200	Yes	4	1	5	0	N/A	OK	\$38.92	No	\$50.00	\$50.00	\$50.00	
Beck's Backyard	1,000,000	1,000,000	245,076	70,755	29,982,800	Yes	2	0	2	0	N/A	OK	\$6,25	No	\$50.00	\$50.00	\$50.00	
Chuck Nash	2,000,000	2,000,000	649,180	275,003	N/A	Yes	9	0	9	0	N/A	OK	\$16.55	No	\$50.00	\$50.00	\$50.00	
Church of Christ at Bullock/Yebo	200,119	200,119	95,820	57,510	73,150	Yes	3	0	3	0	N/A	OK	\$2,44	No	\$50.00	\$50.00	\$50.00	
City of Hays Water Department	15,000,000	14,000,000	5,604,900	5,692,400	6,286,472	Yes	2	0	2	0	N/A	OK	\$518.87	No	\$50.00	\$50.00	\$50.00	
City of Kyle	350,000,000	165,000,000	215,979,212	282,077,262	214,065,521	Yes	1	0	1	0	N/A	OK	\$20,00	No	\$50.00	\$50.00	\$50.00	
City of Sinton Valley	18,590,000	18,590,000	291,900	429,000	155,100	Yes	1	0	1	0	N/A	OK	\$23.31	No	\$50.00	\$50.00	\$50.00	
Central Taekwondo Company	643,750	643,750	829,290	843,952	772,980	Yes	1	0	1	0	N/A	OK	\$2,46	No	\$50.00	\$50.00	\$50.00	
Community HJ	980,000	980,000	1,009,900	649,000	585,900	Yes	1	0	1	0	N/A	OK	\$15,00	overpumped ¹	\$50.00	\$50.00	\$50.00	
DOC Creekeagle Villas, Ltd.	1,598,200	1,649,250	1,111,754	1,008,450	519	0	Yes	0	0	N/A	OK	\$30.00	No	\$50.00	\$50.00	\$50.00		
Delilah's Bistro	150,000	0	24,900	N/A	N/A	No	1	0	1	0	N/A	OK	\$2,92	No	\$50.00	\$50.00	\$50.00	
Dixiewood Diesel, LLC	150,000	0	19,000	N/A	N/A	No	0	0	0	0	N/A	OK	\$0.00	No	\$50.00	\$50.00	\$50.00	
Extra Space Properties Two LLC	100,000	100,000	100,000	71,750	139,510	Yes	4	1	5	0	N/A	OK	\$0.00	No	\$50.00	\$50.00	\$50.00	
First Christian Church	1,200,000	1,200,000	490,000	216,400	216,500	N/A	Yes	4	0	4	0	N/A	OK	\$1,93	No	\$50.00	\$50.00	\$50.00
Forest Oaks MHC	1,649,250	1,649,250	1,111,754	1,008,450	842,510	Yes	1	0	1	0	N/A	OK	\$28.53	No	\$50.00	\$50.00	\$50.00	
Frontier Communications	240,000	240,000	25,210	42,360	N/A	Yes	2	4	6	0	N/A	OK	\$2,92	No	\$50.00	\$50.00	\$50.00	
Johnson, Gobert	9,500,000	5,500,000	8,048,300	6,230,000	5,836,000	Yes	0	0	0	0	N/A	OK	\$0.00	No	\$50.00	\$50.00	\$50.00	
Schulnreider, Glenn	480,000	0	444,200	443,660	412,142	Yes	4	0	4	0	N/A	OK	\$0.00	No	\$50.00	\$50.00	\$50.00	
Hays City Holdings	490,000	490,000	320,000	23,250	5,230	N/A	Yes	0	100	150	0	N/A	OK	\$0.59	No	\$50.00	\$50.00	\$50.00
Hays City Schools	800,000	600,000	658,420	359,590	822,510	Yes	5	0	5	0	N/A	OK	\$16.74	No	\$50.00	\$50.00	\$50.00	
Hays County Youth Athletic Assoc.	4,820,550	4,820,550	2,515,900	2,214,000	2,327,000	Yes	1	0	1	0	N/A	OK	\$554.16	No	\$50.00	\$50.00	\$50.00	
Hays Hills Baptist Church	600,000	300,000	345,560	368,240	367,370	Yes	0	0	0	0	N/A	OK	\$0.00	No	\$50.00	\$50.00	\$50.00	
Home Tech Industries (Apri) ²	100,000	100,000	0	0	0	Yes	0	0	0	0	N/A	OK	\$0.00	No	\$50.00	\$50.00	\$50.00	
Home Tech Industries	30,000	30,000	320,000	0	100	Yes	0	100	150	0	N/A	OK	\$0.00	No	\$50.00	\$50.00	\$50.00	
Hunt, Earl Hunt Enterprises	600,000	600,000	195,760	371,760	75,200	Yes	1	0	1	0	N/A	OK	\$29.84	No	\$50.00	\$50.00	\$50.00	
Huntington Valley Co., L.L.C.	18,000,000	18,000,000	10,934,000	8,344,000	10,291,000	Yes	1	0	1	0	N/A	OK	\$33.49	No	\$50.00	\$50.00	\$50.00	
Independence Park Condominium Community, Ltd	3,700,000	0	282,800	323,100	205,700	Yes	3	0	3	0	N/A	OK	\$0.00	No	\$50.00	\$50.00	\$50.00	
Industries Asphall	2,000,000	2,000,000	1,784,000	2,261,200	625,500	Yes	0	0	0	0	N/A	OK	\$36.65	No	\$50.00	\$50.00	\$50.00	
JumpinJungle LLC	1,000,000	1,000,000	151,000	243,300	243,300	N/A	Yes	1	0	1	0	N/A	OK	\$10.57	No	\$50.00	\$50.00	\$50.00
L.B. Wiednerwest Center	6,700,000	6,700,000	3,718,620	2,705,060	1,531,070	Yes	2	0	2	0	N/A	OK	\$94.82	No	\$50.00	\$50.00	\$50.00	

Conservation Credits - Fiscal Year 2017

Permittee	2017 Treatment & Disposal Funds Used	FRTT Treatment & Disposal Funds Used	FRTS Treatment & Disposal Funds Used	Waste Type	Hazardous Waste	Nonhazardous Waste	Biosolids	Industrial Wastewater	Residential Wastewater	Commercial Wastewater	Total Conservation Credits (Own)	Calculated Credit (Own)	Estimated Credit (Own)	10% Exempted	10% Exempted (Own)	Unutilized Credits	Conservation Credits (Own)	
Archdiocese of Galveston-Houston Catholic Diocese	0	2,600	13,120	1,580	Yes	5	0	5	0	0	\$0.00	(\\$1.13)	No	\$0.00	\$0.00	\$0.00	\$0.00	
Les Lomas HOA	100,000	100,000	100,000	100,000	N/A	Yes	0	0	0	0	\$2.69	No	\$2.69	No	\$0.00	\$0.00	\$0.00	\$0.00
Log Cabin Plaza	2,000,000	2,000,000	2,000,000	2,000,000	105,419	74,543	N/A	Yes	0	0	\$35.73	No	\$35.73	No	\$0.00	\$0.00	\$0.00	\$0.00
Loughheed, Scott (Crestview RV)	2,000,000	2,000,000	2,000,000	2,000,000	1,269,900	1,264,200	1,480,100	Yes	2	0	\$2.47	No	\$2.47	No	\$0.00	\$0.00	\$0.00	\$0.00
Mabana Addition Water Supply	2,000,000	2,000,000	2,000,000	2,000,000	1,587,000	1,712,600	1,682,000	Yes	2	0	\$1.46	No	\$1.46	No	\$0.00	\$0.00	\$0.00	\$0.00
Manchaca Baptist Church	600,000	600,000	600,000	600,000	237,438	275,482	267,300	Yes	6	0	\$0.19	No	\$0.19	No	\$0.00	\$0.00	\$0.00	\$0.00
Manchaca Bible Fellowship Baptist Church	100,000	100,000	100,000	100,000	7,590	6,190	6,300	Yes	2	0	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
Manchaca Optimist Sports Complex	4,232,000	4,232,000	4,232,000	4,232,000	2,683,200	2,031,730	2,336,696	Yes	4	5	\$0.42	No	\$0.42	No	\$0.00	\$0.00	\$0.00	\$0.00
Marbridge Foundation	26,730,000	26,730,000	26,730,000	26,730,000	10,784,660	11,714,350	13,221,530	Yes	2	3	\$14.78	No	\$14.78	No	\$0.00	\$0.00	\$0.00	\$0.00
McCity Corporation	120,000	120,000	120,000	120,000	36,420	39,680	49,070	Yes	2	0	\$0.02	No	\$0.02	No	\$0.00	\$0.00	\$0.00	\$0.00
Mountain City Data Water System	43,164,000	43,164,000	43,164,000	43,164,000	21,666,900	20,990,400	20,929,100	Yes	5	0	\$0.51	No	\$0.52	No	\$0.00	\$0.00	\$0.00	\$0.00
Mythic Oak Water Co-op	7,700,000	7,700,000	7,700,000	7,700,000	2,951,700	3,110,000	2,950,500	Yes	3	0	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
Neuro Institute of Austin, L.P.	179,965,440	179,965,440	179,965,440	179,965,440	8,521	0	N/A	Yes	0	1	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
Oak Forest Water Supply Company (Edwards)	5,625,000	5,625,000	5,625,000	5,625,000	210,700	200,200	70,600	Yes	0	0	\$5.37	No	\$5.37	No	\$0.00	\$0.00	\$0.00	\$0.00
Oak Forest Water Supply Company (Tenny)	9,000,000	9,000,000	9,000,000	9,000,000	4,902,200	1,285,000	147,500	Yes	4	0	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
Onion Creek Country Club (Edwards)	16,500,000	16,500,000	16,500,000	16,500,000	6,601,359	10,213,472	8,333,144	Yes	4	0	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
Onion Creek Country Club (Tenny)	47,985,250	47,985,250	47,985,250	47,985,250	47,558,000	78,859,000	86,014,000	Yes	3	0	\$4.29	No	\$4.29	No	\$0.00	\$0.00	\$0.00	\$0.00
Onion Creek Kitchens	127,410,000	127,410,000	127,410,000	127,410,000	122,312,000	49,113,845	54,000	Yes	3	0	\$866.68	No	\$866.68	No	\$0.00	\$0.00	\$0.00	\$0.00
Onion Creek Memorial Park, Inc.	850,000	850,000	850,000	850,000	466,838	426,510	321,930	Yes	2	0	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
Park Hills Baptist Church	420,000	420,000	420,000	420,000	0	0	161,000	Yes	6	1	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
Professional Contract Services, Inc.	1,331,000	0	252,500	252,500	286,200	265,500	265,500	Yes	0	0	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
Randolph Austin Company	585,000	585,000	585,000	585,000	618,500	319,400	323,200	Yes	1	0	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
Ruby Ranch Water Supply Company (Edwards)	32,000,000	24,290,000	24,290,000	24,290,000	29,647,700	24,244,900	21,642,100	Yes	3	0	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
Ruby Ranch Water Supply Company (Tenny)	20,300,000	20,300,000	20,300,000	20,300,000	2,367,300	3,684,600	3,684,200	Yes	3	0	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
Saintly Creek Store	1,075,000	1,075,000	1,075,000	1,075,000	179,500	229,500	314,900	Yes	1	0	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
Sheal Creek Properties	500,000	0	100,000	100,000	6,522,100	6,176,100	6,751,900	Yes	1	0	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
Stagger Creek Acres Water Supply	14,000,000	10,586,725	10,586,725	10,586,725	53,410	162,840	117,260	Yes	1	0	\$39.07	No	\$39.07	No	\$0.00	\$0.00	\$0.00	\$0.00
St. Albin's Episcopal Church	400,000	400,000	400,000	400,000	562,500	640,220	345,020	Yes	3	0	\$18.50	No	\$18.50	No	\$0.00	\$0.00	\$0.00	\$0.00
St. Andrew's School	16,000,000	16,000,000	16,000,000	16,000,000	8,945,920	6,779,620	6,682,000	Yes	3	0	\$11.12	No	\$11.12	No	\$0.00	\$0.00	\$0.00	\$0.00
St. John's Catholic Church	500,000	500,000	500,000	500,000	164,440	35,410	35,410	Yes	3	0	\$228.12	No	\$228.12	No	\$0.00	\$0.00	\$0.00	\$0.00
St. John's Presbyterian Church	100,000	100,000	100,000	100,000	15,141	7,058	36,210	Yes	1	0	\$4.20	No	\$4.20	No	\$0.00	\$0.00	\$0.00	\$0.00
St. Mark's Episcopal Church	1,000,000	1,000,000	1,000,000	1,000,000	700,000	287,480	263,250	Yes	0	0	\$3.58	No	\$3.58	No	\$0.00	\$0.00	\$0.00	\$0.00
St. Stephen's Episcopal Church	750,000	750,000	750,000	750,000	640,250	285,330	285,330	Yes	3	0	\$12.98	No	\$12.98	No	\$0.00	\$0.00	\$0.00	\$0.00
Stripsa - Sasser Corp.	150,000	150,000	150,000	150,000	153,190	171,430	160,630	Yes	1	0	\$16.33	No	\$16.33	No	\$0.00	\$0.00	\$0.00	\$0.00
TINX Pentecostal Church of God	100,000	100,000	100,000	100,000	152,300	75,900	54,000	Yes	2	0	\$0.54	No	\$0.54	No	\$0.00	\$0.00	\$0.00	\$0.00
Texas - Leigh Cement Co (Harrow)	1,500,000	1,500,000	1,500,000	1,500,000	199,082	214,785	285,381	Yes	0	0	\$14.87	No	\$14.87	No	\$0.00	\$0.00	\$0.00	\$0.00
Texas - Leigh Cement Co (Speculum)	825,000	825,000	825,000	825,000	90,635	200,914	179,014	Yes	0	0	\$18.75	No	\$18.75	No	\$0.00	\$0.00	\$0.00	\$0.00
Texas Old Town	10,000,000	10,000,000	10,000,000	10,000,000	3,210,000	21,918	55,470	Yes	7	0	\$2.59	No	\$2.59	No	\$0.00	\$0.00	\$0.00	\$0.00
Texas State University - Etteman Ranch	2,000,000	2,000,000	2,000,000	2,000,000	131,720	47,310	6,220	Yes	2	0	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
The Inn Above Onion Creek	1,300,000	1,300,000	1,300,000	1,300,000	978,780	1,071,730	872,000	Yes	6	1	\$3.36	No	\$3.36	No	\$0.00	\$0.00	\$0.00	\$0.00
The Plant at Kyle	1,005,000	1,005,000	1,005,000	1,005,000	76,600	56,500	53,210	Yes	2	0	\$4.47	No	\$4.47	No	\$0.00	\$0.00	\$0.00	\$0.00
The Potter Company	500,000	500,000	500,000	500,000	101,390	55,020	364,824	Yes	10	0	\$22.30	No	\$22.30	No	\$0.00	\$0.00	\$0.00	\$0.00
Weatherford, Thomas	5,000,000	5,000,000	5,000,000	5,000,000	0	0	939	Yes	1	0	\$1.01	No	\$1.01	No	\$0.00	\$0.00	\$0.00	\$0.00
Travis County	1,500,000	1,500,000	1,500,000	1,500,000	8,210	780	6,220	Yes	1	2	\$2.61	No	\$2.61	No	\$0.00	\$0.00	\$0.00	\$0.00
Twin Creek Park Water Supply	12,000,000	12,000,000	12,000,000	12,000,000	6,328,400	6,154,700	5,531,800	Yes	5	0	\$0.21	No	\$0.21	No	\$0.00	\$0.00	\$0.00	\$0.00
Twin Oaks Ranch/Church Camp	1,000,000	1,000,000	1,000,000	1,000,000	794,900	926,060	820,780	Yes	4	2	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
Upfittering Properties, LP	1,000,000	1,000,000	1,000,000	1,000,000	397,899	353,210	364,824	Yes	10	0	\$1.74	No	\$1.74	No	\$0.00	\$0.00	\$0.00	\$0.00
V.F.W Post No. 3377	500,000	500,000	500,000	500,000	102,430	69,238	99,002	Yes	1	0	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
White Knight Pest Control	100,000	100,000	100,000	100,000	111,090	92,690	70,880	Yes	6	0	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00
Whitograms, Keith and Kelly	500,000	500,000	500,000	500,000	64,080	61,540	49,570	Yes	3	0	\$0.00	No	\$0.00	No	\$0.00	\$0.00	\$0.00	\$0.00

Conservation Credits - Fiscal Year 2017

Supplier	FY17 Received A Cumulative Estimated Payments	FY17 Received Billed Overage Payments	FY18 Received Billed Overage Payments	FY18 Received Billed Overage Payments	Estimated Overage Year Payments	Estimated Overage Year Payments	Total Payments Millions	Total Overage Payments Millions	Drought Curtailment Obtained	Non-agreed Drought Curtailment Obtained	Impact Up Curtailment Status	Calculated Credit Overage Rate Cents/Dollars	Eligible Credit Rate Cents/Dollars	10% Overage Rate Cents/Dollars	50% Overage Rate Cents/Dollars	Up to 40% Overage Rate Cents/Dollars	Overcharge Excess Charged Out
Wimberly Glassworks	1,000,000	1,000,000	49,890	41,960	-	N/A	Yes	7	0	7	N/A	OK	\$1.27	No			\$0.00
Huling Oaks Club Inc.	180,000	322,460	186,980	134,760	N/A	Yes	6	0	6	0	N/A	OK	(\$24.22)				(\$24.22)
C. Seifman Enterprises Inc.	517,500	603,910	265,470	396,780	Yes	3	0	3	0	3	N/A	OK	(\$28.29)				(\$28.29)
Roy Sodiers	438,117	610,350	30	Yes	5	0	5	0	5	0	N/A	OK	(\$29.72)				(\$29.72)
Jimmy Benoit and Company	2,000,000	2,000,000	2,269,800	1,168,540	409,100	Yes	9	1	10	0	N/A	OK	(\$45.87)				(\$45.87)
American Crystalline Manufacturing	500,000	0	782,270	528,400	502,900	Yes	9	0	9	0	N/A	OK	(\$49.69)				(\$49.69)

¹Eligibility requirements:

- Conservation Credit > \$100
- No more than one violation for late reporting and/or late payments
- Current UCP/UDCP on file and aggregated drought curtailment obtained
- Met entire year
- No more than 3 months of drought management fees and if so, must meet the aggregated drought curtailment
- Based on formula of percentage increases for excess pumpage: (<500,001 gals @ \$171/1000g or \$42/1000g) + (<=25% permitted @ \$50/1000g) + (>25% to 100% permitted @ \$21/1000g) + (> 100% permitted at \$21/1000g)
- Overpumpage fees less than \$10.00 are not charged

²Agriculture well calculated at \$1 per acre foot (\$25.65)

Total Conservation Credits \$14,560.93
City of Austin Portion (50%) \$8,736.56
Sub Total \$23,287.49
Total Overpumpage Fees \$177.79
Net Total \$23,119.70



**Barton Springs
Edwards Aquifer
CONSERVATION DISTRICT**

MEMORANDUM

Date: 9/22/2017

To: John Dupnik

From: Brian Smith

Re: Attendance at Geological Society of America Annual Conference, Seattle, WA, October 22-25, 2017

I would like to request permission to travel to Seattle, WA to attend the annual conference of the Geological Society of America. I will be presenting a talk about Dr. Sharp's studies of aquifers in central Texas as part of a session to honor Dr. Sharp (UT Austin). Some of the other sessions will include:

- State of knowledge regarding karst hydrogeology
- Recent advances in hydrogeology
- Karst geochemistry
- Carbonate sedimentology

Because this conference is the major annual meeting of the Geological Society of America, a wide variety of subjects will be covered. This provides a broader set of topics than many of the karst-focused conferences that we attend. This variety of topics in hydrogeology, sedimentology, contaminant hydrogeology, etc. will be beneficial as these topics are all very relevant to the aquifer science issues the District is involved with.

Anticipated costs for attending the conference are listed below:

Conference Registration: \$495

Hotel: \$740 (4 nights at \$185/night)

Per Diem: \$275 (5 days at \$55.00/day)

Airfare: ~\$275

Total estimated cost: \$1,785

Item 3

Routine Business

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

STATUS REPORT UPDATE FOR SEPTEMBER 28, 2017 BOARD MEETING

Prepared by District Team Leaders

		Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
GENERAL MANAGEMENT TEAM	John Dugnok				
	JD	9/22/17	Meetings, Training, Presentations, and Conferences		External Meetings Attended: with Senator Campbell's office; GMA 10; with Needmore reps; with Comal Trinity GCD on permitting; with Patrick Cox on 30th planning; Kent Butler summit planning; RWOPP working group; with Protect our Water; CAPCOG water exploratory committee; Kent Butler Summit planning (conference call) Other Meetings: Database contract interviews; host USFWS public meeting on dICPdEIS; attend 30th anniversary party; Salary study contract interview ^s . Presentations: None Conferences/Seminars: TAGD Groundwater Summit
				Ongoing Special Projects: TWDB RFP grant; Dripping Springs TPDES permit; Management Plan revision; Database project; Salary structure review; Procurement policy review; ASR pilot project; ICP comments and responses; 30th Anniversary planning; SH 45 and Consent Decree compliance; Legislative bill implementation; Committees and Workgroups: Region K (voting member); Region K Executive committee; GMA 10 (voting member); Regional WQ Plan workgroup; Region K Legislation and Policy committee; Region K water supply strategy committee; TAGD legislative committee (regional planning; ASR, brackish gw); TWCA groundwater committee; Hill Country Conservancy Trust organizing group; CAPCOG water exploratory committee.	
Summary of Significant Ongoing Activities	JD	9/22/17	Ongoing Special Projects, Committees, and Workgroups		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; prepared 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 committees; respond to media requests; disseminate media reports and journal articles of possible interest. Consultation with Attorney on: Dripping Springs TPDES permit; Contested Case; contract reviews; Permitting rules; Other Activities: final editing of Management Plan; Salary study contract negotiations; work on procurement policy; Needmore contested case; Database contract procurement and negotiations; Annual Report planning; FY18 employee incentive projects and goal setting; GMA 10 next cycle planning; GMA rules review and companion method; FY end-of-year tasks (salary adjustments, awarding incentive compensation, renewing permits, etc.); Host ICP public meeting; review ICP comments; coordinate HCP comment responses; EIP application review.
ADMINISTRATION TEAM	Dana Christine Wilson				
Accounts Receivable - A	DCW	9/14/2017	Permittee accounts carrying a past due balance:	Currently there are a few past due account balance. This typically happens at the beginning of the year more so than later.	
Accounts Receivable - B	DCW	9/22/2017	Billing - Annual, 1st quarter, and September monthly invoices = \$485,544.	August 16th statement date for September monthly invoices, 1st quarter FY 2018 invoices, and annual invoices. Payments were due on September 5th and considered late on September 16th.	
Accounts Receivable - C	DCW	9/22/2017	Billing - October monthly invoices = \$25,251.21.	September 16th statement date for October monthly invoices. Payments are due on October 5th and considered late on October 16th.	
Audit - Annual Financial	DCW	9/22/2017	Montemayor and Co.	Tentatively scheduled to begin on October 9th.	
Contracts Review	DCW	9/22/2017	District Contracts	Checked all for any upcoming contract terms expirations.	

	Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
Financial Reporting - Website	DCW	9/22/2017	Most current, available financial reports to be posted.	Balance Sheet, and Profit and Loss Statement through August 2017 have been posted.
Financial Reporting - Website - B	TR/DCW	9/22/2017	Transparency Stars	Started the process "Open Government is Accountable Government," to include new web page and new topic headings that are required by the controller's office towards earning stars. Web page creation is 99.9% complete. Creation of two graphs and application submittal is all that remains.
Grant Reporting	DCW	9/22/2017	Invoice was previously submitted to the TWDB, but will be redone to account for the complete project rather than just a period of the project, as soon as there is a contract with the parameters in place to direct how the invoicing is to be done, which will be very different than the initial grant contract parameters.	Payment expected is \$108,081.01. UPDATE 2/27/2017 Invoice on hold by TWDB for contract/budget amendment/extension. UPDATE: 4/30/17 Invoice decided and has to be redone under whatever new terms will be in the amended Contract. UPDATE: 6/5/17 Contract still being "re-done." No activity/invoicing in TWDB for our grant expenses is able to be done - accounting-wise. In limbo. UPDATE: 6/27/17 NO CHANGE. UPDATE 9/22/17: meeting with TWDB has been set for September 26th.
Retirement Plan and Trust - Trust Accounting	DCW	9/22/2017	Annual compliance process for The Standard - our third party pension plan administrator.	Required actions occur in August through September that include final payroll submission, and compliance testing data validation. This report is required by pension law, specifically Government Code 802.
REGULATORY COMPLIANCE TEAM				
Needmore Water LLC	KBE, VE	9/22/17	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). BSEACD Board decided that the preliminary hearing to determine party status will be heard by SOAH. The General Manager has provided a Preliminary Decision with recommended Special Provisions, and a Technical Evaluation, that is available on the website www.bseacd.org. A preliminary hearing on party standing was held on 7/31/17 at SOAH. TESPA was granted party status. A hearing on the merits of the permit application is scheduled to take place in March 2018.
Electro Purification	KBE, VE	9/22/17	Production Permit	EP has submitted 7 modification applications and 1 production permit application on 7/13/17. The production request is for 912,500,000 million gallons a year (2.5 MGD) to be produced from the Middle Trinity Aquifer for the purposes of Wholesale Public Water Supply. The application and hydroreport are under review.
Trinity Episcopal School	KBE, VE	9/22/17	Production Permit	The applicant previously obtained a drilling authorization to drill a Middle Trinity well. The well has been drilled and they have now submitted a production permit application requesting 4,260,000 gallons per year for sports field irrigation. They have recently performed an aquifer test to support the production request. The application is still under review.
Limited Production Permits (LPPs)	KBE, VE	9/22/17	LPPs - General Permits	Staff is processing the incoming annual meter readings.
General Manager Approved Permits	KBE, VE	9/22/17	Individual Permits < 2,000,000 gal/yr	N/A
Drought Stage- No-Drought	KBE, VE	9/22/17	Drought Compliance Monitoring and Enforcement	No new update. No-drought was declared on January 29, 2015.
EDUCATION & OUTREACH				
			Robin Gary	

	Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
30th Anniversary	RG	9/21/17	Radio, social media	In celebration of the 30 years, the District is planning a post each day in August through social media. Stay tuned for witty water conservation tips, engaging video definitions of key groundwater concepts, and inspiring photos from the past and present. Visit our YouTube channel and like us on Facebook to keep informed about groundwater in the District. Radio sponsorships with public radio stations (KUT, KUTX, San-Austin, San-San Marcos) will highlight "District giving a local voice to groundwater management". Listen for announcements during August on Board meeting weeks. Social media posts received a high number of hits, some breaking 1000 views. The 30th Anniversary party was a fabulous celebration of current and past efforts to protect, conserve, and preserve groundwater in our District.
Interns	RG, JD	9/21/17	Media Specialist	Alicia Eastes finished her term as a part time media specialist. She completed 5 video shorts describing dye tracing, recharge, springs, antioch cave, and well construction. Final videos are available through our YouTube channel. Visit our website and click the YouTube link in the upper right corner.
Augmented Reality Water Quality Teaching Tool	RG	9/21/17	Benthic macroinvertebrates	Phase 1 of the CleAR Creek Critters game is complete. The application allows for identification of 13 animals and 2 habitats. The game was highlighted as part of the 30th Anniversary party and was well received. Meetings with subject experts are underway to review animations to make them as realistic as possible. A draft contract amendment is in process to continue development, editing, and enhancing the application.
ENews Blast	RG	9/21/17	Summer eNews	The Sept eNews was released on Sept 21 (date of this report). There are no click reports because it was just released. Topics included: 30 years statistics, LPP meter readings, Well construction, management plan update process, and groundwater stewardship awards announcement.
Internet Traffic Report	RG	9/21/17	Page views and visits to the District Website	There were 2,635 total page views by 2,135 unique visitors. Top sites in order of number of views are the home page (576), EIP Permit Notice (161), Dripping Springs Resolution from 9/2016 (153), and Maps (103). The District Facebook page now has 602 'Likes' and responses to posts have been very positive.
AQUIFER SCIENCE				
Dye Tracing	BS, BH	9/22/17	Dye tracing	Discussions are underway with the HTGCD, EAA and CoA about potential dye tracings in the upcoming months in Onion watersheds. A trace in the lower Onion Watershed (Edwards Recharge Zone) will likely occur in mid-September for up to 3 features. A trace in the upper Watershed (Dripping Springs area) will likely occur October.
Central Hays County Groundwater Evaluation	BS, BS, JC	9/22/17	Well and hydrogeology characterization	AS staff are evaluating the EIP hydrogeologic report among other data. Permeability testing will begin at the Jails County multipoint well at the end of the summer 2017.
Antioch Cave	BS, BH, JC	9/22/17	Onion Creek Recharge Enhancement Project	New equipment to control the Antioch valve were installed in March 2017.
Water-Quality Studies	BS, BH, JC	9/22/17	Sampling and analysis of groundwater and surface water	District staff completed sampling on behalf of the TWDB in August.
Saline Zone Studies	RS, BH	9/22/17	Saline Zone report	Aquifer Science staff have completed a draft report of the multiport well testing and sampling that will be a part of the RFP grant report. We are waiting on a geochemical evaluation from our contractor Bruce Datting. A draft report from Carollo is expected in the October.

	Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
Drought and Water-Level Monitoring	BH, BS, JC	9/22/17	Drought status, monitor wells, and synoptic water level events	As of September 22, the water level in the Lovelady well was at 523.3 ft above msl, and Barton Springs was flowing at 88 cfs. Hurricane Harvey brought about 10 inches of rain near the District office but only 3 to 5 inches over much of the contributing zone. This rain led to some increased creek flow, increases in water levels and springflow but not a very significant impact overall.
Information Transfer	BS, BH, JC	9/22/17	Presentations, conferences, reports, and publications	District staff presented five papers at the Southeast Geological Society of America meeting in San Antonio in mid-March. Brian Hunt spoke about the hydrogeology of the Blanco River at a book launch in Kyle (4/8/17). Brian Smith gave a presentation to the Texas Aquifers Conference on Antioch Cave, and he gave a presentation to the Jackson School (UT) on the District's saline Edwards studies.
Aquifer Testing	BS, BH, JC	9/22/17	Planning, participation, and review of aquifer tests	EP aquifer testing finished in January 2017. District staff received an application and hydrogeologic report from EP. Staff have begun a technical review of EP's production application.
AD-HOC TEAMS				
Technical Team	BAS	9/22/17	Current areas of discussion	Topics of discussion at the technical team meeting in August were the RFP grant, Hayes and Travis County multipoint wells, dye trace studies, Ruby Ranch ASR, EP application, TWD's sampling program, and the database RFQ.
Planning Team	JD	9/22/17	Strategic and tactical planning and discussion topics	New Business: Management Plan update, ICP public meeting planning, FY17 annual report planning, FY18 goals and projects, Energy planning
Database Team	RG/VE	5/5/17	Database Enhancement	We received 9 Statements of Qualifications from firms in response to our posted RFQ. Technical Staff is reviewing those qualification and developing a scope of work for the RFP.
UPCOMING ITEMS OF INTEREST				
2nd September Board Meeting		9/28/17		
Audit Start Date		10/6/17		
Region K		10/11/17	LCRA building, Monopolis Drive	
1st October Board Meeting		10/12/17		
GMA 10		10/16/17	EAA offices, San Antonio	
Buda City Council Meeting		10/17/17	6pm, Buda City Hall, JD is presenting	
TWCA Fall Conference		10/18/17	thru 10/20/17, Wyndham River Walk, San Antonio	
2nd October Board Meeting		10/26/17		
CAPOG Water Exploratory Committee		10/27/17	10am, CAPOG assembly room, Austin	
Fall Staff Retreat		11/2/17		
Election Day		11/7/17		
1st November Board Meeting		11/9/17		
Veteran's Day		11/10/17	District Holiday - Office closed	
Thanksgiving Day		11/23/17	District Holiday - Office closed	
Day After Thanksgiving Day		11/24/17	District Holiday - Office closed	

Item 4

Public Hearing

The Board will hold a Public Hearing on the update and proposed District Management Plan that has been updated and revised to incorporate new planning data, address statutory requirements, and include objectives and standards that support the District's mission and statutory purpose.

Item 5

Board Discussions and Possible Actions

- a. Discussion and possible action related to approval of Resolution No. 092817-01 adopting the District's management plan and approving the plan for submittal to the Texas Water Development Board.**

STATE OF TEXAS § **RESOLUTION #092817-01**
§
COUNTIES OF HAYS, TRAVIS §
AND CALDWELL §

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
BARTON SPRINGS / EDWARDS AQUIFER CONSERVATION
DISTRICT AUTHORIZING ADOPTION OF THE
DISTRICT MANAGEMENT PLAN**

WHEREAS, the proposed Management Plan of the Barton Springs/Edwards Aquifer Conservation District (District), attached hereto as Attachment A, has been developed for the purpose of serving the District's mission, statutory purpose, and commitment to conserving, preserving, protecting, recharging, and prevention of waste of groundwater and of all aquifers within the District.

WHEREAS, this action to adopt the proposed Management Plan is taken under the District's statutory authority pursuant to Texas Water Code, Chapter 36 and Special District Local Laws, Chapter 8802;

WHEREAS, the proposed Management Plan meets the requirements of Texas Water Code § 36.1071 and § 36.1072 and 31 TAC § 356.52;

WHEREAS, the proposed Management Plan was submitted to the Texas Water Development Board (TWDB) for pre-review and has been revised to comport with the pre-review comments provided by TWDB staff;

WHEREAS, the proposed Management Plan was the subject of a public hearing before the Board of Directors of the District on September 28, 2017; and

WHEREAS, under no circumstances and in no particular case, will the proposed Management Plan, or any part of it, be construed as a limitation or restriction upon the exercise of any discretion where such exists; nor will it in any event be construed to deprive the Board of an exercise of powers, duties and jurisdiction conferred by law, nor to limit or restrict the amount and character of data or information which may be required for the proper administration of the law:

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Barton Springs/Edwards Aquifer Conservation District that:

- 1) The "Management Plan of the Barton Springs/Edwards Aquifer Conservation District" attached hereto as Attachment A is hereby adopted;
- 2) This Management Plan will take effect upon approval by the TWDB. It will remain in effect as provided under Texas Water Code § 36.1072(e).

AND IT IS SO ORDERED.

In Favor _____ Opposed _____

PASSED AND APPROVED THIS _____ DAY OF SEPTEMBER 2018.

Blayne Stansberry, President

ATTEST:

Blake Dorsett, Secretary

Item 5

Board Discussions and Possible Actions

- b. Discussion and possible action related to demonstration of the District's augmented reality app, Clear Creek Critters and approval of contract to continue development.**



**Barton Springs
Edwards Aquifer
CONSERVATION DISTRICT**

MEMORANDUM

Date: 9/22/2017

From: Robin Gary

Re: Summary of Progress and Future Planning for Augmented Reality Macroinvertebrates Game (CleAR Creek Critters)

During FY 2017, the District partnered with Pixel Profundo to design, develop, and test an augmented reality teaching tool to introduce students and the public to key aquatic critters whose pollution sensitivity can serve as indicators of water quality.

In all there are 13 animal animations and two habitat environments that are ready for review by subject area experts. While the game is already an engaging and useful teaching tool, the review process will help refine the animals and environment to be as representative of local critters and habitats as possible.

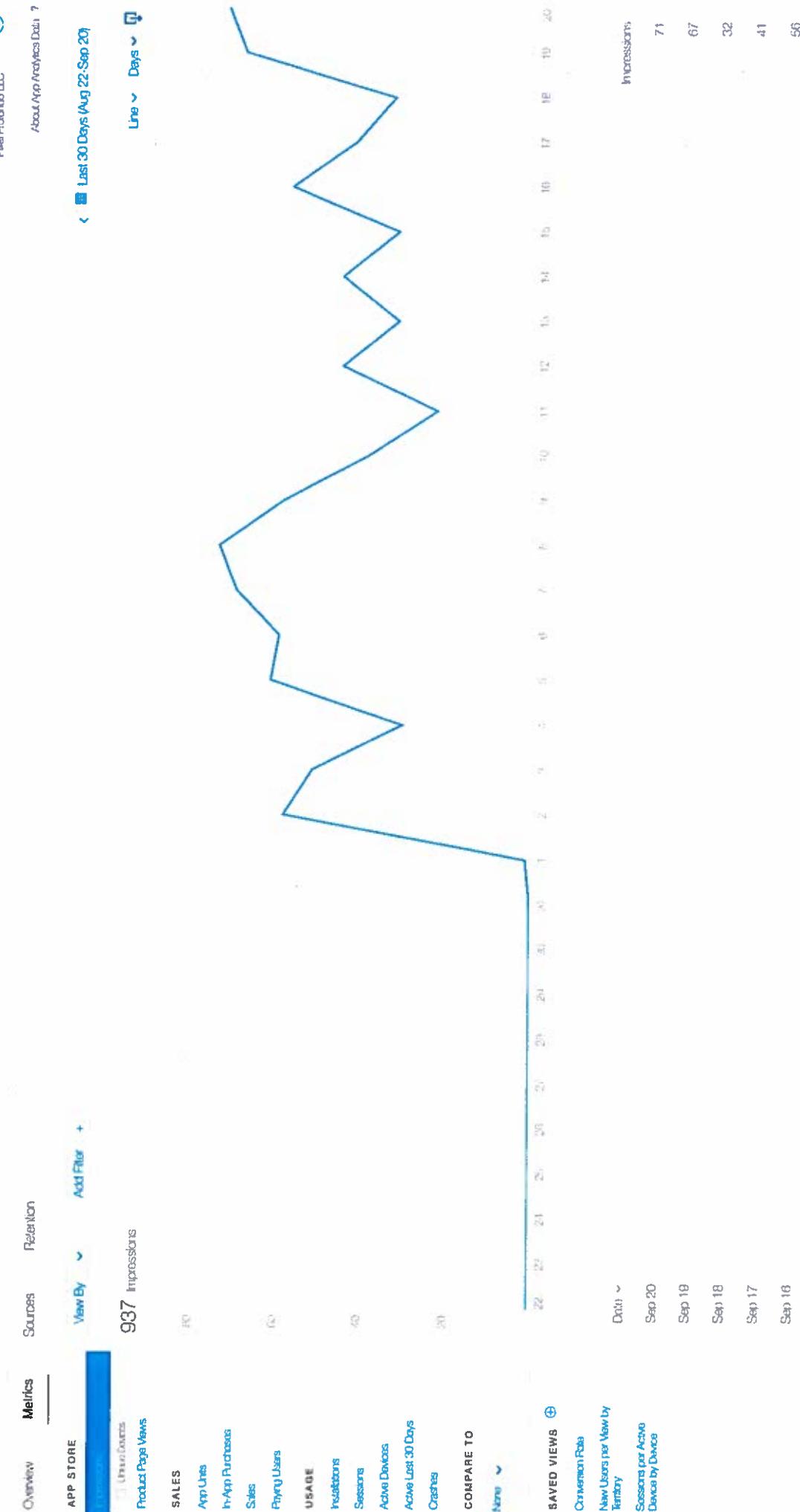
Staff proposes an FY 2018 Phase II amendment to extend the contract to allow refinements, edits, and continued development of the game. Staff included funding for this Phase II continuation in the current approved FY 2018 budget under Education and Outreach Contracted Support.

You can tell a lot about the quality of water in creeks and rivers just by looking at the critters that live in them. Some call these benthic macroinvertebrates bioindicators... we call them CleAR Creek Critters! The District partnered with Pixel Profundo to develop an interactive, augmented reality card game that helps you get to know these important critters, so the next time you're in a creek... you can check on the water quality yourself!



Print the pdf with the cards and download the app from the Apple Store or Google Play—search for CleAR Creek Critters. Teachers and educators can request a coupon to download the full set for free.

iTunes Connect App Analytics ~



The screenshot displays the iTunes Connect App Analytics dashboard for the "CleAR Creek Critters" app. The top navigation bar includes links for "Suzanne Parcs", "Padraic Munro LLC", "About App Analytics Data", and a help icon. The main content area features four primary charts:

- Retention**: A bar chart titled "Last 30 Days (Aug 22 - Sep 20)" showing user retention rates. The y-axis ranges from 0% to 100%. The bars show values of 937, 45, 45, 53, and 0% for consecutive days.
- Downloads**: A bar chart titled "Last 30 Days (Aug 22 - Sep 20)" showing download counts. The y-axis ranges from 0 to 1000. The bars show values of 937, 45, 45, 53, and 0 for consecutive days.
- App Units by Territory**: A bar chart showing app units by territory. The categories are China and United States. China has 31 units, and the United States has 18 units.
- Statistics**: A bar chart showing statistics. The categories are Active Devices and Status. Active Devices is at 0, and Status is at 0.

On the right side of the dashboard, there are two maps: one for China and one for the United States, both showing distribution patterns.

Item 5

Board Discussions and Possible Actions

- c. Discussion and possible action related to planning for the Groundwater Stewardship Awards including establishing a Board subcommittee and setting a date for the awards luncheon.**



Barton Springs
Edwards Aquifer
CONSERVATION DISTRICT

Submit Your 2017 Groundwater Stewardship Award Nominations (by Tuesday, Nov. 7, 2017)

The Barton Springs/Edwards Aquifer Conservation District presents these stewardship awards every two years to deserving individuals, organizations, companies or agencies that have invested exemplary effort towards the protection and conservation of water resources in the District.

The District will accept nominations in these categories:

Aquifer Advocate Award

Honors efforts to inform and improve policy, collaborate and coordinate community-scale solutions to water resource challenges, and/or involve and educate individuals, neighborhoods, school groups, and professional contacts about water-related issues.

Innovation Award

Honors efforts that incorporate new and creative practices or represent outstanding efforts in communication and partnership toward water conservation, alternate water supplies, or the betterment of the aquifer and related environmental issues.

Research and Education Award

Honors efforts that lead to improved understanding of or advanced practices in areas such as groundwater, hydrogeology, water treatment, alternative water supplies, well drilling, or structural and non-structural best management practices to reduce non-point source pollution.

Water Quality Protection Award

Honors efforts that focus on water quality issues such as water monitoring, sampling/testing, pollution prevention (e.g., creek cleanups), and land use practices to reduce non-point source pollution.

An individual, group, company or agency may be nominated in any one category, and anyone can nominate a deserving entity. The District's Board of Directors will select the recipients; awards may not be given in every category, and categories may be added if needed. District staff, Board members, or District projects are not eligible.

Nominations must be received in the District office by Tuesday, November 7th by 5 p.m. Nomination forms are available on the District's website at: www.bseacd.org or by contacting the BSEACD office at 512-282-8441.

The Bowie High School Culinary Arts program will host this year's awards ceremony Friday, January 26, 2018.

Send nominations to:

BSEACD, Attn: Awards

1124 Regal Row, Austin, 78748

or email to Robin Gary (rghgary@bseacd.org)



Barton Springs
Edwards Aquifer
CONSERVATION DISTRICT

2017 GROUNDWATER STEWARSHIP AWARDS

NOMINATION FORM

Nominator (person filling out this form)

Name: _____

Organization (optional): _____

Address (include City and Zip): _____

Email and Phone Number: _____

How did you hear about the Stewardship Awards? _____

Nominee (individual or group being nominated for award)

Name: _____

Organization (optional): _____

Address (include City and Zip): _____

Email and Phone Number: _____

Award Category (please select the one that best applies)

Aquifer Advocate

Research/Education

Innovation

Water Quality Protection

Reason for Nomination (please feel free to include additional pages, materials, or CDs with photos and/or PowerPoint presentations)

Please submit this form and additional materials by **Tues., Nov. 7, 2017** by:

Mail: BSEACD, Attn: Awards, 1124 Regal Row, Austin, TX 78748.

Fax: (512) 282-7016

E-mail: rhgary@bseacd.org

Item 5

Board Discussions and Possible Actions

- d. Discussion related to identification of possible District goals for FY 2018.**



**Barton Springs
Edwards Aquifer
CONSERVATION DISTRICT**

MEMORANDUM

Date: September 22, 2016

To: Board of Directors

From: John T. Dupnik, P.G., General Manager

Re: Item 5.d – FY18 Goals

The District conducts annual strategic planning through the setting of overarching goals at the beginning of each Fiscal Year. The goals provide an opportunity to identify evolving priorities from year to year and work in concert with other District obligations and responsibilities as outlined in the District's Management Plan. Further, the goals provide direction to the General Manager and staff on where to focus efforts and allocate resources throughout the year.

The District Planning Team consisting of the General Manager and Team Leaders have been working over the last couple of months to identify projects and objectives needed to meet the District's ever-evolving needs and priorities. For this agenda item, each Team Leader will provide an overview of the product of these internal discussions. This overview is intended to prompt Board discussion and ultimately input and direction from the Board.

This agenda item is not accompanied with an action item. Rather, staff will compile inputs and formulate draft goals for the Board's consideration in the October 12, 2016 Board meeting. Our objective is to develop an overarching goal for each team.

Attached are the FY17 goals as an example.

FY 2017 District Goals

(Adoption Date: October 6, 2016)

The following goals were adopted by the Board to guide the District's efforts for Fiscal Year 2017. The Board will assess achievement or substantial progress towards the goals at the end of the fiscal year or after August 31, 2017.

1. Make preparations to update and streamline the District Management Plan and begin work planning for imminent actions needed to implement the prospective measures of the District Habitat Conversation Plan upon issuance of an Incidental Take Permit by the U.S. Fish and Wildlife Service.

Lead Team: All Teams

2. Advocate for the District's interests and support other related initiatives as needed to preserve the District's regulatory framework and groundwater management objectives and the overall authority of Groundwater Conservation Districts.

Lead Team: General Management Team

3. Continue to participate in initiatives to preserve and protect the water quality of recharge to the Edwards and Trinity Aquifers such as advocating for the appropriate pollution controls for roadway runoff and supporting implementation of sound wastewater management practices to protect groundwater and conserve resources.

Lead Team: General Management Team

4. Improve administration operations to streamline procedures, enhance customer service, and optimize transparency through use of available technology, online applications, and greater accessibility to records and public information.

Lead Team: Administrative Team

5. Conduct scientific studies and develop the regulatory framework that supports long-term management of the Trinity Aquifers and supports implementation of innovative water management strategies such as aquifer storage and recovery (ASR), enhancement of surface water (including floodwater) recharge, and desalination that may substitute for use of firm-yield Edwards Aquifer groundwater.

Lead Team: Aquifer Science Team

6. Implement education and outreach initiatives to showcase the District's history and accomplishments and inform groundwater users of the District's capabilities, resources, and programs by making data accessible through publications, website improvements, social media presence, public awareness campaigns, and/or other related outreach events and initiatives.

Lead Team: Education & Outreach Team

7. Continue efforts to: 1) further characterize the Trinity Aquifers in the Shared Territory and improve tools and resources for well owners and drillers, 2) develop policy guidance related to mitigation, correlative rights, and well spacing, and 3) develop a regulatory framework for implementing innovative alternate water supply strategies (i.e. ASR and desalination).

Lead Team: Regulatory Compliance Team

Item 5

Board Discussions and Possible Actions

- e. 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.**

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;**
- **Committee formation and updates;**
- **Conversations with public officials, permittees, stakeholders, and other constituents;**
- **Commendations; and**
- **Issues or problems of concern.**

Item 7

Adjournment