

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 11, 2018**, 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 14, 2017 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. 19**
 - 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 the HCP and ITP application
- iv. Update on Board committee activity

4. Presentation

Presentation by the Aquifer Science Team on ongoing studies to investigate the interaction of surface water in Onion Creek with the Middle Trinity Aquifer including recent dye tracing results and preliminary findings. NBU

5. Discussion and Possible Action.

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.)*

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.)

- 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 14, 2017 regular Meeting.**

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
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STATUS REPORT UPDATE FOR JANUARY 11, 2018 BOARD MEETING

Prepared by District Team Leaders

Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
GENERAL MANAGEMENT TEAM			
John Dupnik			
JD	1/4/18	Meetings, Training, Presentations, and Conferences	External Meetings Attended: Other meetings: District Holiday party; salary study - Employee focus group meetings; CapCOG water exploratory committee; CapCOG/Austin Water meeting; Board Consent Decree committee meeting; Presentations: None Conferences/Seminars: None
JD	1/4/18	Ongoing Special Projects, Committees, and Workgroups	Ongoing Special Projects: TWDB RFP grant; Dripping Springs TPDES permit; Database project; Salary study project; Ruby Ranch ASR pilot project; HCP comments and responses; SI 45/Mopac intersection and Consent Decree compliance; ASR rules; SW Travis Co. GCD; Kent Butler Summit planning; Committees and Workgroups: Region K (voting member); Region K executive committee; GMA 10 (coordinator/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; TWC/A groundwater committee; Hill Country Conservancy Trust organizing group; CapCOG water exploratory committee; Kent Butler Summit planning committee.
JD	1/4/18	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 committees; respond to media requests; disseminate media reports and Journal articles of possible interest. Consultation with Attorney on: Dripping Springs TPDES permit, agenda review, Needmore Contested Case; contract reviews, EP application review. ASR rules; Director residential requirements; Personnel issues. Other Activities: Needmore contested case; Database project implementation; GMA 10 coordination; GMA rules review and comparison method; coordinate HCP comment responses; Dripping Springs contested case. EP application review; salary study coordination; Consent Decree - oversee roadway project design review/inspections; Kent Butler Summit planning; ASR rulemaking; support of SW Travis County GCD;
ADMINISTRATION TEAM			
Dana Christine Wilson			
DCW	1/5/2018	Permittee accounts still carrying a past due balance:	Currently there are a couple past due account balances: Jackie's and Stripes. Both accounts have been contacted and hopefully will soon be paid.
DCW	1/5/2008	January Monthly Billings	January 16th statement date for February monthly invoices. Payments are due on Feb 5th and considered late on Feb 16th.
SD/TR/DCW	1/5/2018	The District will set up system for credit card payment capabilities.	Not started yet but expected to begin training soon, as time permits.
DCW	1/5/2018	Most current, available financial reports to be posted.	Balance Sheet, Profit and Loss Statements, and Check Registers through November 2017 have been posted.
DCW	1/5/2018	TWDB RFP Grant	Budget amendment, and grant invoice currently in process.
DCW	1/5/2018	Met with Euldie Garza on adding some new funds to our portfolio options.	As the investment fiduciary for the District's "Plan," John and I, along with Eddie Garza, the relationship manager with the Standard, discussed the potential fund options to add to our portfolio, and we are now in the process of adding them. This takes a couple months. Then Eddie will come out to meet with staff to go over these new possibilities.

	Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
Tax Reporting	DCW	1/5/2018	Quarterly and annual payroll tax reporting for Oct/Nov/Dec 2017 and CY 2017 to be submitted to Texas Workforce Commission, and the United States Treasury.	Forms 941 and C-3. (C-3 filed on 1/4/2018).
Tax Reporting	DCW	1/5/2018	In process of creating annual W-2s/W-3 and 1099s/1096.	Deadline January 31
REGULATORY COMPLIANCE TEAM Vanessa Escobar				
Needmore Water LLC	KBE, VE	1/4/17	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	1/4/17	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.
Industrial Asphalt	KBE, VE	1/4/17	Permit Amendment	Industrial Asphalt has a current Middle Trinity Production Permit for 2,000,000 gallons per year. They have recently submitted a permit amendment application requesting an increase for a new permit volume of 4,000,000 g/yr. The applicant performed an aquifer test within the last 6 months and has submitted a Hydrogeological Report with the application materials. The application is currently under review.
ASR Rulemaking	KBE, VE	1/4/17	Rule Making /Technical Workgroup	The Regulatory staff and Aquifer Science staff are coordinating a technical workgroup meeting to take place in early December 2017. This meeting will be a discussion amongst technical ASR experts, interested ASR users, and District Technical staff. ASR Technical Workshop was held on 12/13/17 and the discussion was focused on regulatory and permitting concepts along with a brief update on current ASR activity within the District. The workshop notes and summary are coming together; staff will provide an update to the Board subcommittee in January/Feb.
Database Development	KBE, VE	1/4/17	Intern Contract - Database Development	A project kick off meeting was held on 11/8/17 and discussions focused on an overview of the project scope, specific functional requirements, project schedule, roles and processes (e.g. communication frequency and points-of-contact).
General Manager Approved Permits	KBE, VE	1/4/17	Individual Permits < 2,000,000 gal/yr	NA
Drought Stage- No-Drought	KBE, VE	1/4/17	Drought Compliance Monitoring and Enforcement	No new update. No-drought was declared on January 29, 2015.
EDUCATION & OUTREACH Robin Gary				
Austin Cave Festival	RG	1/4/18	Sat., Feb 10: Wildflower Center	Austin Cave Festival is coming back! This year it will be held as a free event at the Wildflower Center. Participating agencies include: BSEACD, CoA Wildlands, CoA Watershed Protection, CoA Parks and Recreation, Texas Cave Management Association, UT Grotto, and Texas Speleological Association. The Aquifer District will host the welcome table. Activities planned include caving in Wildflower and LaCrosse Cave, rope climbing, cave obstacle course, cave critter artwork, presentations, and booths. More info to come.

	Leader, Staff	Date	PROJECT / ACTIVITY DESCRIPTION	STATUS/COMMENTS
Kent Butler Summit	RG, JD	1/4/18	Wed., Apr. 4: Texas State LBJ Auditorium	John and Robin have attended preliminary planning meetings for the April 2018 Kent Butler Summit. It will be hosted at the LBJ Auditorium on Texas State campus in San Marcos.
Augmented Reality Water Quality Teaching Tool	RG	1/4/18	Benthic macroinvertebrates	Phase II of the augmented reality water quality indicator game has begun. Staff has met with and solicited review comments from 7 different agencies and have prioritized suggestions/edits according to what is financially feasible and what best supports the District's teaching objectives. This year's tasks include adding two new characters (dohsonfly, scud), editing the aquatic and riparian habitat cards to include native vegetation examples, creating an aquifer habitat card that shows the inside of a groundwater well with fault and solution cavity, developing a menu of all characters with links to 3D video, adding info button, and adding a photo option.
Groundwater Stewardship Awards	RG	1/4/18	Winners Notified	The Groundwater Stewardship Award winners have been notified and we are waiting to receive RSVPs for the award luncheon on Friday, January 26 at Bowie High School. A press release promoting the winners was released on Friday, January 5, 2018.
Outreach Specialist position filled	RG, JD	1/4/18	Jackie Vay	Jackie started as the Outreach Specialist on Jan. 2, 2018. She will be helping maintain the website, increase traffic through social media, and assist with programs and events. She has a background in environmental science and experience with online media. We are excited to have her on board at the District. She'll be working part time for 21 hours a week.
eNews Blast	RG	1/4/18	January eNews	The January eNews is currently being pulled together and should be released next week. Topics will include: Groundwater Stewardship Award winners, neighborhood Well Water Checkup announcement, dye trace study update, scholarship announcements, and more.
Internet Traffic Report	RG	1/4/18	Page views and visits to the District Website	There were 2,030 total page views by 1,576 unique visitors. Top sites in order of number of views are the home page (619), Maps (93), Staff (78), Scientific Reports (66), Newsletters (43). The District Facebook page now has 615 'Likes' and responses to posts have been very positive.
AQUIFER SCIENCE				
Dye Tracing	BS, BH	1/5/18	Dye tracing	Several traces were conducted in October in the lower Onion Watershed (Edwards Recharge Zone) in a cooperative effort with City of Austin and several St. Edwards students. Several traces were conducted in the upper Onion Creek watershed (Dripping Springs area) in early December. Initial results show a positive connection between Onion Creek and the underlying Trinity Aquifer
Central Hays County Groundwater Evaluation	BH, BS, JC	1/5/18	Well and hydrogeology characterization	AS staff are evaluating the EP hydrogeologic report among other data. Permeability testing commenced at the Hays County multipoint well in late September.
Antioch Cave	BS, BH, JC	1/5/18	Onion Creek Recharge Enhancement Project	New equipment to control the Antioch valve were installed in March 2017.
Water-Quality Studies	BS, BH, JC	1/5/18	Sampling and analysis of groundwater and surface water	District staff completed sampling on behalf of the TWDB in August.
Saline Zone Studies	BS, BH	1/5/18	Saline Zone report	Carollo Engineers has completed a draft final report for the RFP grant, which was submitted to TWDB on October 31. Aquifer Science staff completed a report of the multipoint well testing and sampling that is a part of the RFP grant report. A final stakeholder meeting was held on November 28.
Drought and Water-Level Monitoring	BH, BS, JC	1/5/18	Drought status, monitor wells, and synoptic water level events	As of January 5, the water level in the Lovelady well was at 501.5 ft above msl, and Barton Springs was flowing at 58 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.

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Information Transfer	BS, BH, JC	1/5/18	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. Brian Smith attended the Geological Society of America Annual Meeting in Seattle in October and gave a presentation about Dr. Sharp's studies of the aquifers of central Texas.
Aquifer Testing	BS, BH, JC	1/5/18	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 completed a technical review of EP's production application in October. EP's consultant is working on revising the hydrologic report.
AD-HOC TEAMS				
Technical Team	BAS	1/5/18	Current areas of discussion	Topics of discussion at the technical team meeting in December were the RFP, gram, dye trace studies, ASR rules, and the EP application.
Planning Team	JD	1/4/18	Strategic and tactical planning and discussion topics	New Business: District staffing, staff training, salary study update;
UPCOMING ITEMS OF INTEREST				
		1/11/18		
		1/15/18		
			District Holiday - offices closed	

Item 4

Presentation

Presentation by the Aquifer Science Team on ongoing studies to investigate the interaction of surface water in Onion Creek with the Middle Trinity Aquifer including recent dye tracing results and preliminary findings.

Item 5

Board Discussions and Possible Actions

- a. 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.)*

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Item 7

Adjournment