

NOTICE OF OPEN MEETING

Notice is given that a **Special Called Meeting and Work Session** of the Board of Directors of the Barton Springs/Edwards Aquifer Conservation District and the District's Planning Team will be held at the **District office**, located at 1124 Regal Row, Austin, Texas, on **Monday, June 20, 2011, at 6:30 p.m.** for the following purposes:

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

1. **Call to Order.**
2. **Public Communications. (Comments of a General Nature)**
3. **Work Session of Board.**

The Board will hold a work session on the following topics:

- a. Presentation and discussion of Initial Assessment regarding the need to redistrict the Director Precincts based upon recently issued 2010 Census data. Not available for public review at this time
- b. Discussions related to possible revisions of the District Management Plan, including objectives and strategies. Pg. 4

Note: This work session of the Board is open to the public, but no opportunity for public comment will be provided in the discussion of these topics. Any such comments are at the discretion of the directors. Public comment periods are included in the Board's regular meetings, where further discussion and any determinations or decisions regarding these topics would be made.

4. **Special Called Board Meeting.**

Note: Public comments may be made on these agenda items.

- a. Discussion and possible action related to approving two resolutions in connection with re-districting of the District.
 - i. Resolution regarding the criteria to be utilized by the District for the 2011 redistricting process. Not available for public review at this time
 - ii. Resolution to adopt redistricting guidelines, which set standards for public participation for the 2011 redistricting. Not available for public review at this time
- b. Discussion and possible action related to draft revisions of parts of the Management Plan. **Note:** No changes to the prevailing Management Plan will be adopted under this agenda item. Any change to the Management Plan requires specification of changes proposed, a public hearing on those changes, and a properly posted action item stating intent to change the Plan.

- c. Discussion and possible action related to recent statutory changes potentially affecting the timing and cost of District director elections. NBU
- d. Discussion and possible action related to the negotiated rulemaking with Centex. NBU
- e. Discussion and possible action relating to *City of Kyle v. Goodman et al. and the Barton Springs Edwards Aquifer Conservation District*, Cause No. 10-1267, 22nd District Court, Hays County, Texas. NBU
- f. Discussion and possible action related to the election of Board Officers for the next 12 months. NBU

5. Adjournment.

Came to hand and posted on a Bulletin Board in the Courthouse, Travis County, Texas, on this, the __th day of June, 2011, at ____m.

Deputy Clerk
Travis County, TEXAS

This agenda and available related documentation will have been posted on our website, www.bseacd.org at least 72 hours before this meeting. 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 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

Work Session of the Board

The Board will hold a work session on the following topics:

- a. Presentation and discussion of Initial Assessment regarding the need to redistrict the Director Precincts based upon recently issued 2010 Census data.**
- b. Discussions related to possible revisions of the District Management Plan, including objectives and strategies.**

Note: This work session of the Board is open to the public, but no opportunity for public comment will be provided in the discussion of these topics. Any such comments are at the discretion of the directors. Public comment periods are included in the Board's regular meetings, where further discussion and any determinations or decisions regarding these topics would be made.

III.C. MANAGEMENT GOALS, OBJECTIVES, AND STRATEGIES

The Texas Water Development Board (TWDB) has specified nine overarching management goals to be addressed in the groundwater management planning performed by all groundwater conservation districts (GCDs) in Texas; these goals are rooted in the statutory authority of Texas Water Code, Chapter 36. One of these goals, related to controlling and preventing subsidence, is not applicable to the District as there are no geologic strata in the District that are structurally affected by groundwater withdrawals from them. The TWDB has indicated that these overarching general goals provide the basis for district-specific objectives and strategies (performance standards and activities) that individual GCDs should use as the framework for their management plans.

In this section, each of the District's current management objectives is identified and characterized by its relevant strategies, which include both performance standards and their activities. Each objective has two or more performance standards that are principally associated with it; these are designated herein as "Primary Performance Standards (Primary PS)" and each Primary PS "belongs" to one objective, under which it is further elaborated as to its suite of activities. However, much of what the District does is multi-dimensional and the activities under a particular performance standard might contribute to the accomplishment of more than one objective. So, in addition to its Primary PS, an objective generally will also have other performance standards with activities that contribute to that objective from time to time or in a supplemental fashion; these are designated "Supporting Performance Standards (Supporting PS)." A performance standard is the Primary PS for one, and only one, objective, but it may be a Supporting PS for one or more other objectives.

Certain performance standards and especially activities are further designated as aquifer-specific or management zone-specific; where not so designated, they apply to all relevant aquifers and management zones in the District. Some performance standards and activities have metrics associated with specifically stated time frames (e.g., intensity, frequency); if not, the context provides the time frame (e.g., each year, or within the plan period.) The District's Directors will evaluate all performance standards and assess progress toward the management objectives each year, in the program review that is part of the District's *Annual Report* submitted to TCEQ.

Table XX below shows the correspondence between the TWDB's groundwater management goals and the District's objectives and performance standards that are characterized in this section of the *Management Plan*. This table is intended as an overall, at-a-glance indication of how the goals are being addressed in this plan. Further details are found under the respective subsections for a particular objective and performance standard. Note that essentially everything that the District does relates in some way to the goals of providing efficient use of groundwater and of addressing the Desired Future Conditions of District aquifers.

TABLE XX. Goals, Objectives, and Performance Standards

	Goal 1 Providing the Most Efficient Use of Groundwater	Goal 2 Controlling and Preventing Waste of Groundwater	Goal 3 Addressing Conjunctive Surface Water Management Issues	Goal 4 Addressing Natural Resource Management Issues	Goal 5 Addressing Drought Conditions	Goal 6 Addressing Demand Reduction Through Conservation	Goal 7 Addressing Supply Increase Through Structural Enhancement	Goal 8 Addressing Quantitatively the Desired Future Conditions
Objective 1								
PS 1-1	●		●					●
PS 1-2	●	●	●	●	●	●	●	●
PS 1-3	●			●				●
PS 1-4	●			●				●
PS 1-5	●	●	●	●	●	●	●	●
PS 1-6	●	●	●	●	●	●	●	●
Objective 2								
PS 2-1	●	●	●	●	●	●		●
PS 2-2	●	●	●	●	●	●		●
PS 2-3	●	●	●	●	●	●		●
PS 2-4	●	●		●	●	●		●
Objective 3								
PS 3-1	●	●		●	●	●		●
PS 3-2	●	●		●	●	●		●
PS 3-3	●	●		●	●	●		●
Objective 4								
PS 4-1	●	●	●	●	●	●	●	●
PS 4-2	●		●	●		●	●	●
PS 4-3	●		●	●		●	●	●
PS 4-4	●	●	●	●		●	●	●
Objective 5								
PS 5-1	●		●	●	●	●	●	●
PS 5-2	●		●	●		●	●	●
PS 5-3	●		●	●		●	●	●
PS 5-4	●	●		●	●	●		●
Objective 6								
PS 6-1	●		●	●				●
PS 6-2	●	●	●	●	●	●	●	●

Objective 1 – Assure the long-term sustainability of the District to carry out its mission as a GCD with excellence.

Primary Performance Standards:

Performance Standard 1-1: Hire, equip, train, evaluate, and motivate appropriate staff to achieve the District’s mission within budgetary constraints.

Board-level Activities:

- a. Hire, evaluate, and fairly compensate an effective General Manager.
- b. Address appropriately unresolved personnel issues between the General Manager and staff members, or upon request by the General Manager.
- c. Budget sufficient funds for salaries, wages, and benefits that will attract and maintain a staff that is sufficient to carry out the District’s mission according to the prevailing *Management Plan*.
- d. Communicate perceived concerns about staff performance issues and other personnel matters to the General Manager.

Staff-level Activities:

- a. Assign and supervise staff in roles that utilize their strengths and promote teamwork.
- b. Evaluate staff performance regularly and constructively.
- c. Develop and administer a staff compensation program that equitably rewards individual and team performance that advances the mission of the District.
- d. Provide opportunities for staff training and professional development.
- e. Maintain and improve staff morale and commitment to their job and the District.

Lead Team Responsible: General Management

Other Objectives Supported: All

Metrics: Number of instances of unresolved personnel issues referred to the Board; staff turnover rate.

Performance Standard 1-2: Align District plans, policies and programs with the District’s mission and vision, and regularly review and revise them, as warranted, to respond to changing circumstances that affect their need, effectiveness or implementation.

Board-level Activities:

- a. Develop and be guided by a “Director Job Description” that sets forth the roles, responsibilities, and expectations of a District Director.

- b. Participate in development and updating of District strategic planning initiatives between approved revisions of Management Plans, including risk management and contingency planning.
- c. Participate in developing and updating and then approve District *Management Plan*, and *Rules & Bylaws*.
- d. Provide liaison to staff concerning policy-level guidance and requests of individual staff through the General Manager.
- e. Establish and effectively utilize standing and *ad hoc* public advisory groups.

Staff-level Activities:

- a. Participate in development and updating of District strategic planning initiatives between approved revisions of Management Plans, at Board's discretion and direction.
- b. Participate in developing recommendations as to approaches and content of the District's *Management Plan* and *Rules & Bylaws*, and their revisions and amendments.
- c. Provide liaison between Board policy-level guidance/requests and staff direction.
- d. Help identify and recruit members of standing and *ad hoc* public advisory groups and administer their use.
- e. Provide quality assurance of District work product and deliverables.
- f. Establish and maintain a continuous improvement ethos and program.

Lead Team Responsible: General Management

Other Objectives Supported: Objectives 2 and 4

Metrics: Timely and approved Management Plan revisions; a Contingency and Risk Management Plan established and updated within one year of each Management Plan approval and at least once every two years thereafter; timely budgeting and amendments.

Performance Standard 1-3: Ensure the District has the near-term and long-term financial basis and contractual wherewithal to support its mission.

Board-level Activities:

- a. Pro-actively develop and support legislative and other initiatives that attach a more realistic value to the groundwater resources within the District, especially in comparison to the costs of other local water resources.
- b. Participate in developing and then approve fiscal-year budgets, including use of reserve funds and approval of budget amendments.
- c. Specify various financial-impact scenarios that should be included in contingency planning.
- d. Authorize and receive results of annual financial audits, and institute accepted recommendations on financial controls or procedures.
- e. Help identify and approve appropriate use of grant funding and resource commitments that will substantially enable progress toward District objectives.
- f. Establish purchasing policy and review and approve all contracts in accordance with the policy and upon legal review and approval as to form.

Staff-level Activities:

- a. Maintain finances in a manner that maximizes liquidity while maintaining the greatest return on District fund balances by investing in securities or investment pools that operate in low risk investments and are backed by the state and/or federal government.
- b. Provide effective and efficient accounting and financial records management and necessary investment training, in accordance with federal and state law, the *Rules*, and Board direction.
- c. Develop recommended elements and budgetary estimates for fiscal-year budgets and amendments.
- d. Contract for and participate in conducting an independent financial audit annually, including provision of financial records and preparation of management discussion and analysis, and submit year end reports to TCEQ and the Texas State Pension Review Board as required by law.
- e. Help identify appropriate grant funding and resource commitments and utilize grant resources to leverage existing resources substantially with minimum opportunity costs.
- f. Publish budgets, current-period, year-to-date summary financial information and transaction-level information on the District website as part of the Open Government initiative.
- g. Acquire and manage projects in accordance with good project accounting and management practice and in conformance with sponsoring agency requirements.
- h. Obtain contracts for services in accordance with established District standards, and coordinate acquisition activities ensuring cost-effectiveness and quality by utilizing purchasing procedures that meet both District policy and state law, and the *Rules*.

Lead Team Responsible: General Services

Other Objectives Supported: All

Metrics: A clean financial audit report each year; absence of vendor problems and contractual disputes.

Performance Standard 1-4: Provide efficient administrative support and infrastructure, such that District operations are executed reliably and accurately, meet staff and local stakeholder needs, and conform to District policies and with federal and state requirements.

Board-level Activities:

- a. Receive training on and comply with Open Meetings Act and Public Information Act requirements.
- b. Provide budget allocation for the required administrative activities on continuing basis.

Staff-level Activities:

- a. Ensure that directors and appropriate staff receive training in and stay current with Open Meetings Act and Public Information Act requirements, and that daily District operations comply with those standards.
- b. As administrative liaison to Board, develop, post, and distribute District Board agendas, meeting materials, and backup documentation in a timely and required manner, post select documents on the District website, and maintain official records, files, and minutes of Board meetings appropriately.
- c. As Records Management official, maintain, retain, and control all District records in accordance with the Texas State Library and Archives Commission-approved District Records Retention Schedule to allow for safekeeping and efficient retrieval of any and all records, and annually audit records for effective management of use, maintenance, retention, preservation and disposal of the records' life cycle as required by the Local Government Code.
- d. As needed, update retention schedule in accordance with the Texas Administrative Code requirements, and file any amended retention schedule with the Texas State Library.
- e. Maintain the office building and grounds, office equipment, and supplies to provide an efficient work environment that meets the needs of the staff and stakeholder community.
- f. Perform cost-benefit analyses on all District insurance and employee-benefit policies before renewal, and acquire or renew all District policies in a timely fashion.
- g. Maintain District vehicles in good operational condition.
- h. Maintain and evaluate needed enhancements to the District computer system and network to facilitate District productivity and to support District programs and projects.

Lead Team Responsible: General Services

Other Objectives Supported: All

Metrics: Absence of claims of OMA and PIA violations by external parties; lack of staff complaints about continuing problems with support services and infrastructure

Performance Standard 1-5: Provide mechanisms to align District *Rules*, policies, and programs with the will of its collective and precinct-level constituencies, within the constraints of statutes governing the District.

Board-level Activities:

- a. Regularly visit with a spectrum of stakeholder interests in the single-member precincts being represented by the directors as to their needs and concerns.
- b. Solicit candidate(s) to campaign every four years for each director precinct place on Board, authorize or cancel an election, and canvass election results, as warranted.

- c. Authorize and participate in decennial and other re-districting, ensuring DOJ pre-clearances and conformance with statutory requirements.
- d. Utilize advisory groups to calibrate stakeholder inputs and possible responses, as needed.

Staff-level Activities:

- a. Support District’s general counsel in re-districting director precincts the year after each decennial census, including timely submission of all DOJ-required data and documents for successful pre-clearance, as necessary.
- b. Make internal preparations for and conduct elections for the two or three directorships up for election biennially in even-numbered years in concert with county election offices, and in accordance with state and federal election laws, and as required by TWC Chapter 36.
- c. Prepare all election contracts with associated entities including election services contracts and joint election agreements, and all necessary orders and notices to conduct or to cancel an election.

Lead Team Responsible: General Services

Other Objective Supported: Objective 4

Metrics: Maintaining a full Board; effective participation in Board activities and representation of constituents by each of the five Board members.

Performance Standard 1-6: Provide leadership in promoting legislation and regulations that benefit the protection of the District’s groundwater resources and opposing legislation and regulations that harm those resources.

Board-level Activities:

- a. Propose and support legislation and regulatory initiatives that control and prevent point/nonpoint-sources of pollution and cross-formational contamination of the aquifers managed by the District.
- b. Oppose legislation or regulatory initiatives that don’t ensure protection of groundwater quantity and quality, including non-compliance with Desired Future Conditions.
- c. Seek legal remedies as warranted and feasible to minimize or avoid impacts on groundwater quantity and quality of aquifers in the District.

Staff-level Activities:

- a. Work with District legislative liaison, as available, and other GCDs to effect needed legislation, at Board’s direction and discretion.
- b. Support District’s counsel in contested-cases and litigation, at Board’s direction and discretion.

Lead Team Responsible: General Management
 Other Objective Supported: Objective 2

Metrics: Collective judgment of the Board as to appropriateness of what was pursued and what actions were taken, not necessarily the outcome.

Supporting Performance Standards:

Performance Standard	Brief Description
2-1	Review and modify the <i>Rules</i> as warranted to provide and maintain a sound statutory basis for continued District operations and to ensure consistency with both District authority and programmatic needs.
2-5	Efficiently process permittee meter readings, water use fee invoices and payments, conservation credits, permit renewals and related communications.
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.
4-2	Collaborate with joint Groundwater Management Area (GMA) and regional water planning efforts on policies, regulations, and activities affecting water quality or desired future conditions of the aquifers managed by the District.

Objective 2. Promulgate a fair and efficient regulatory program.

Primary Performance Standards:

Performance Standard 2-1: Review and modify the *Rules* as warranted to provide and maintain a sound statutory basis for continued District operations and to ensure consistency with both District authority and programmatic needs.

Board-level Activities:

- a. Provide direction and input to staff to guide the development of proposed rule concepts and draft rules.

- b. Appoint and convene *ad hoc* policy advisory committees to review and comment on District policies and proposed rules revisions as warranted.
- c. Conduct public hearings for proposed rule changes.
- d. Adopt necessary rule updates and revisions as warranted.

Staff-level Activities:

- a. Periodically review and provide proposed rule concepts to the Board to address necessary updates and revisions.
- b. Consider rule updates and revisions needed to address specific needs of separate management zones for the different areas and aquifers within the District.
- c. Upon direction by the Board, prepare draft rules based on vetted rule concepts and Board input.
- d. Schedule and provide required notification of public hearings for proposed *Rule* changes.
- e. Make the adopted revised *Rules* available to the public after adoption by the Board.

Lead Team Responsible: Regulatory Compliance

Other Objective Supported: Objective 1

Metric: Rule making process is initiated and conducted in accordance with all statutory requirements and required timeframes; rules are in alignment with District policies and objectives as determined by the Board with PAC input in even-numbered years.

Performance Standard 2-2: Process and review all well registrations, permit renewals, and applications for permits, permit amendments, and authorizations in accordance with the *Rules, Well Construction Standards*, and other District guidelines in accordance within specified procedural timeframes.

Board-level Activities:

- a. Conduct public hearings for certain permits and authorizations.
- b. Take appropriate action on certain requested permits and authorizations presented to the Board considering application information, staff recommendations, and the District *Rules and Bylaws*.

Staff-level Activities:

- a. Register all new wells.
- b. Review and process well registration forms, plugging authorizations, and permit-by-rule authorizations.
- c. For all other applications, review and make determinations of administrative completeness.
- d. Require and receive results of aquifer tests for certain production permits and amendments.

- e. Assist applicants with planning and execution of all aquifer tests in accordance with the District's Aquifer Test Guidelines.
- f. Evaluate complete production and transport permit applications on the basis of: beneficial use, non-speculative needs, reasonable demand, the ability to comply with drought management requirements, and the ability to conform to management zone requirements.
- g. Evaluate all complete permit and authorization requests on the basis of potential for impact to sustainable groundwater quantity and quality, public health and welfare, contribution to waste, unreasonable well interference.
- h. Provide recommendation formed on the basis of staff evaluation for Board or General Manager consideration of certain permits and authorizations.
- i. Schedule and provide required notification of public hearings for certain requested permits and authorizations.
- j. Perform well site inspections before and after the drilling of each new well.
- k. Prior to permit renewal, review all permits for compliance with District *Rules and Bylaws*.

Lead Team Responsible: Regulatory Compliance
 Other Objective Supported: Objectives 1 and 6

Metric: Requests for Permits and authorizations are processed in accordance with all statutory requirements and required timeframes.

Performance Standard 2-3: Monitor existing District wells for compliance with the *Rules*, and *Well Construction Standards*.

Board-level Activities:

- a. Provide direction to staff for enforcement of unresolved violations of the *Rules* as warranted.

Staff-level Activities:

- a. Register all newly identified unregistered wells.
- b. Conduct inspections of at least ten selected permittee systems (not including NDUs) each fiscal year for compliance with the *Rules*.
- c. Identify and notify individual permittees of any rule violations and take appropriate steps to ensure compliance.
- d. Notify abandoned well owners and monitor to ensure wells are properly plugged or brought into compliance.
- e. Perform well site inspections before each well plugging.
- f. Obtain meters readings by site inspections from individual permittees who fail to submit after late submittal notification has been provided.
- g. Monitor usage of individually permitted wells monthly and NDUs at least annually.

- h. Provide compliance updates and enforcement recommendations to the Board as warranted in accordance with the adopted enforcement plan.

Lead Team Responsible: Regulatory Compliance
 Other Objectives Supported: Objectives 1 and 6

Metric: Specified minimum number of permittee inspections completed or exceeded each year; all documented violations are brought into compliance or are addressed by a Board Order within six months of the staff-established compliance deadlines; during drought, all required meter readings are submitted or collected each month.

Performance Standard 2-4: Efficiently process permittee meter readings, water use fee invoices and payments, conservation credits, permit renewals and related communications.

Board-level Activities:

- a. Issue conservation credits annually based on the annual conservation credit audit and staff recommendations.

Staff-level Activities:

- a. Require timely-submitted monthly readings from individually permitted wells, enter all meter readings into the database, and file all monthly meter reading forms.
- b. Maintain permittee mailings lists and contact information in database
- c. Annually renew compliant production and transport permits by September 1 of each year.
- d. Perform annual under-pumpage analysis as warranted and provide recommendations for Board consideration.
- e. Perform annual conservation credit audit.

Lead Team Responsible: General Services
 Other Objective Supported: Objectives 1 and 6

Metric: Timely processing of permit renewals, conservation credits, and meter readings within timeframes specified in Rules or Polices.

Supporting Performance Standards:

Performance Standard	Brief Description
1-2	Align District plans, policies and programs with the District’s mission and vision, and regularly review and revise them, as warranted, to respond to changing circumstances that affect their need, effectiveness or implementation.

3-1	Assist permittees in developing drought and conservation planning strategies and enforce compliance with drought management rules during District-declared drought.
3-2	Monitor and declare drought stages on the basis of the analysis of data from the District's defined drought triggers and in accordance with the adopted drought trigger methodology.
3-4	Inform and educate permittees and the public about declared drought stages and the severity of drought, and encourage practices and behaviors to reduce water use.

Objective 3. Develop and implement an effective drought management program.

Primary Performance Standards:

Performance Standard 3-1: Assist permittees in developing drought and conservation planning strategies and enforce compliance with drought management rules during District-declared drought.

Board-level Activities:

- a. Provide direction to staff for enforcement and fee assessment for permittee violations of the *Rules* and applicable provisions of permittee's User Drought Contingency Plans (UDCPs).

Staff-level Activities:

- a. Assist and support permittees with the development, implementation, and interpretation of User Conservation Plans (UCPs) and UDCPs in accordance with the *Rules* and as warranted.
- b. Review and approve submitted UCPs and UDCPs in accordance with the *Rules*.
- c. Require that all outdated UCPs and UDCPs are updated prior to annual permit renewal in accordance with the *Rules*.
- d. Upon declaration of drought, send notification to all permittees of requirement to implement and comply with all applicable provisions of their prevailing UDCP.
- e. Perform monthly evaluation of individual permittee compliance with monthly pumpage limits in accordance with the adopted enforcement plan.
- g. Send notices of overpumpage to all noncompliant permittees each month.
- f. Identify occurrences of noncompliance that warrant possible enforcement action and are subject to assessment of drought management fees.
- i. Provide compliance updates and enforcement recommendations to the Board in accordance with the adopted enforcement plan.

Lead Team Responsible: Regulatory Compliance
Other Objectives Supported: Objectives 1, 2, and 5

Metric: Achieve overall monthly pumpage reductions within 10% of the aggregate pumpage reduction (volumetric) goal of the prevailing drought stage.

Performance Standard 3-2: Monitor and declare drought stages on the basis of the analysis of data from the District's defined drought triggers and in accordance with the adopted drought trigger methodology.

Board-level Activities:

- a. Make drought declarations considering the current aquifer conditions relative to defined drought triggers, the adopted drought trigger methodology, and staff recommendations.

Staff-level Activities:

- a. Review relevant aquifer data on a monthly basis when not in drought.
- b. Periodically provide updates to the Board on current aquifer conditions and provide recommendations of drought declarations as warranted.
- c. Confirm drought flows from Barton Springs that are indicated by monitoring well data with in-stream discharge (e.g., flow-meter) measurements sufficient to produce or verify a reliable stage-discharge relationship.
- d. When any drought trigger drops below average levels, monitoring will be done biweekly, and estimates will be made as to when either indicator will reach drought levels.
- e. Produce and update charts showing the status of the defined triggers on a biweekly basis during a District-declared drought.
- f. Produce and update charts showing the status of the defined triggers on a weekly basis during an Emergency Response Period.
- g. Collect and evaluate data for the assessment of the Middle and Lower Trinity Aquifers and how they might be impacted and regulated by drought.

Lead Team Responsible: Aquifer Science
Other Objective Supported: Objective 6

Metric: Proportion of timely updates of all drought related information during drought.

Performance Standard 3-3: Inform and educate permittees and the public about declared drought stages and the severity of drought, and encourage practices and behaviors to reduce water use.

Board-level Activities:

- a. Authorize and participate in efforts to disseminate information related to aquifer conditions during drought and practices that could facilitate demand reduction.

Staff-level Activities:

- a. Provide public awareness of declared drought stages and drought severity by at least monthly communications which may include written and electronic correspondence, newspaper articles and advertisements, press releases, the District website, District newsletter, and special permittee newsletters.
- b. Support permittees' efforts to inform their end users of drought stages and water conservation measures with by creating general drought stage information and informational materials on water conservation.

Lead Team Responsible: Education and Outreach

Other Objectives Supported: Objectives 2, 4, and 5

Metric: Timeliness and adequacy of response to requests for information. Absence of complaints received concerning water utility permittees' unwarranted actions.

Supporting Performance Standard:

Performance Standard	Brief Description
5-4	Maintain and develop programs that inform and educate District groundwater users and area residents of all ages about water conservation practices and resources and use of alternate water sources including gray water / condensate reuse and rainwater harvesting.

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

Primary Performance Standards:

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.

Board-level Activities:

- a. Cultivate balanced relationships with and among stakeholders, precinct residents, and policy makers to promote the District's mission.

Staff-level Activities:

- a. Cultivate balanced relationships between District staff and stakeholders.
- b. Represent the District with legislative community, other political subdivisions, and related groups.
- c. Represent the District in alliances and other organizations with common interests.

Lead Team Responsible: General Management
 Other Objectives Supported: Objectives 1 and 6

Metric: Number of sunshine letters and emails; number of letters and emails expressing concern about District staff/director words and actions.

Performance Standard 4-2: Collaborate with joint Groundwater Management Area (GMA) and regional water planning efforts on policies, regulations, and activities affecting water quality or desired future conditions of the aquifers managed by the District.

Board-level Activities:

- a. Utilize the data, results, and staff recommendations associated with water quality and/or desired future conditions to direct staff and develop policy in accordance with the District's mission.
- b. Review and comment on Management Plans of other GMA member districts for consistency with desired future conditions of shared or hydrologically connected aquifers.

Staff-level Activities:

- a. Provide information and input to current and proposed rules, standards, and planning efforts related to regional development and water/wastewater management.
- b. Apply standards specified in the Regional Water Quality Protection Plan (2005) where applicable.
- c. Provide recommendations to the Board on Management Plans of other GMA member districts for consistency with desired future conditions of shared or hydrologically connected aquifers.
- d. Support by attendance and in-kind consultation services in meetings of GMAs 9 and 10, as appropriate.
- e. Seek public inputs on concerns that help articulate DFCs.
- f. Vote on applicable items requiring GMA joint planning approvals.

Lead Team Responsible: Regulatory Compliance
 Other Objectives Supported: Objectives 1 and 6

Metrics: Percent of GMA meetings attended; timely provision of responsive comments on MPs of other GCDs in GMA 9 and 10; participation in public hearings on DFCs and MPs; timely discussion and voting on GMA items.

Performance Standard 4-3: Provide technical assistance as warranted to federal, state and local entities; organizations; and individuals on the geology, hydrogeology, and karst features impacted by groundwater-utilizing land use activities.

Staff-level Activities:

- a. Provide information to developers, roadway contractors, the regulated community, and local and state agency personnel about the locations and sources of vulnerability of the District's groundwater resources, and the steps they can take to mitigate the threats of contamination.
- b. Establish and apply standards and criteria specified in the Regional Water Quality Protection Plan (2005), as applicable and warranted, for the evaluation of various land uses requiring or affecting groundwater supplies and the associated potential for recharge water quality degradation or waste.
- c. Review and provide comments, where applicable, for Water Pollution Abatement Plans or other environmental site assessments associated with any permits or authorizations submitted to the Texas Commission on Environmental Quality (TCEQ), COA, small cities, counties, or other political jurisdictions in order to mitigate potential degradation of the District's groundwater resources.

Lead Team Responsible: Aquifer Science

Other Objective Supported: Objective 6

Metric: Percent of applicable WPAPs reviewed and written comments provided; trends in number of requests for repeat/return participation in events.

Performance Standard 4-4: Through education and public outreach, inform groundwater users and the general public of the connectivity of recharge and discharge, importance of water quality protection, and the relationship between surface water and groundwater.

Board-level Activities:

- a. Communicate with constituents of their respective single-member precincts to ensure fair representation.
- b. Facilitate dissemination of education and public outreach information within respective single-member precincts.
- c. Help promote and/or participate in District-sponsored events.

Staff-level Activities:

- a. Offer and/or recommend workshop(s) and/or presentations that educate local residents on the District, its management, District aquifers, Texas groundwater and surface resources, and indoor/outdoor water conservation practices.

- b. Use electronic and printed media and in-person visits to deliver accurate and timely information to community groups that are interested in and/or affect the groundwater resource and its use, both upon request and on a pro-active basis.
- c. Organize and conduct events that allow the District to work cooperatively with area residents, including youth, in demonstrating the important relationships between surface and groundwater quality.
- d. Maintain up-to-date District and aquifer information and literature that are available to the public via the website, print materials, and an electronic newsletter.

Lead Team Responsible: Education and Outreach

Other Objectives Supported: Objectives 1, 5, and 6

Metrics: Number of workshops/seminars with acknowledged District participation; number of District-sponsored outreach meetings and info distribution events; trends in number of page views and amount of click-throughs for District website; number of new subscriptions to the Friends of the Aquifers email contact list.

Supporting Performance Standards:

Performance Standard	Brief Description
3-3	Inform and educate permittees and the public about declared drought stages and the severity of drought, and encourage practices and behaviors to reduce water use.
5-4	Maintain and develop programs that inform and educate District groundwater users and area residents of all ages about water conservation practices and resources and use of alternate water sources including gray water / condensate reuse and rainwater harvesting.

Objective 5. Extend current groundwater supplies by encouraging supply-side and demand-side improvements. (Note: this includes water conservation, recharge enhancement, alternative supplies such as desal, ASR, reclaimed water, and substituted other groundwater).

Primary Performance Standards:

Performance Standard 5-1: On at least a bi-annual basis, assess the availability and feasibility of regional alternative water supplies and encourage District permittees to diversify their water supplies by fostering arrangements with available water suppliers.

Board-level Activities:

- a. Provide input to District staff about policy considerations of alternative water supplies.

Staff-level Activities:

- a. Identify available alternative water resources and supplies (e.g., saline Edwards desalination, ASR, reuse, rainwater, etc.).
- b. Evaluate viability of alternative water sources by considering:
 - available/proposed infrastructure
 - financial factors
 - logistical/engineering factors
 - potential secondary impacts (development density/intensity or recharge water quality).
- c. Develop relationships/agreements with area surface water providers and encourage service to District permittees during extreme drought where appropriate.
- d. Explore possible incentives to District permittees to implement the use of alternative water supplies through pricing, permit terms, and other mechanisms where appropriate.
- e. Remove/reduce institutional barriers to use of alternative sources as feasible.
- f. Produce a bi-annual report for the Board to serve as a summary of regional alternative supplies and activities conducted in accordance with this objective.

Lead Team Responsible: Regulatory Compliance

Other Objectives Supported: None

Metric: Prepare a report summarizing the above activities and making recommendations biannually.

Performance Standard 5-2: Conduct investigations and, as warranted and feasible, physically alter discrete recharge features that will lead to an increase in recharge to the Edwards Aquifer.

Board-level Activities:

- a. Participate in discussions about activities related to recharge enhancement.

Staff-level Activities:

- a. Determine locations, cost-effective methods, and efficacy of potential recharge maintenance and enhancement for at least one additional recharge feature during the five-year term of this *Plan*.
- b. Seek both internal and external funding to study and construct BMPs that are capable of diverting surface waters into the District aquifers.
- c. Excavate sediment and other material from at least one recharge feature, such as caves, sinkholes, and BMPs, each year so that the capacity of the feature to recharge the aquifer will be at least maintained if not increased.

- d. Identify and pursue grant funding, as appropriate and available pertaining to recharge enhancement and nonpoint source pollution, and manage grant projects in accordance with grant requirements and good project management practice to meet milestones on budget and schedule.

Lead Team Responsible: Aquifer Science
Other Objectives Supported: None

Metric: Grant opportunities that have been researched and considered; excavation conducted in at least one cave, sinkhole, or recharge feature annually.

Performance Standard 5-3: Conduct investigations, as warranted and feasible, to evaluate the potential for the saline zone of the Edwards Aquifer to provide water for a desalination facility, and to evaluate the potential for the Edwards saline zone and the Trinity aquifers beneath the freshwater Edwards as reservoirs for an Aquifer Storage and Recovery (ASR) system.

Board-level Activities:

- a. Provide input of the extent of investigations of the saline zone and the level of interest of the Board on desalination and ASR.
- b. Authorize funding for a portion or all of investigations on the Edwards saline zone.

Staff-level Activities:

- a. Install monitor well in saline zone for sampling and aquifer parameter testing.
- b. Cooperate with other organizations for installing a test well in the saline zone and for evaluating the feasibility of desalination and/or ASR in the saline zone.
- c. Conduct aquifer tests of Trinity aquifers to determine if they could serve as reservoirs for an ASR system.

Lead Team Responsible: Aquifer Science
Other Objectives Supported: None

Metric: Completion of or significant progress on above activities; coordination accomplished with other partners; development of a budget or work plan.

Performance Standard 5-4: Maintain and develop programs that inform and educate District groundwater users and area residents of all ages about water conservation practices and resources and use of alternate water sources including gray water / condensate reuse and rainwater harvesting.

Board-level Activities:

- a. Provide direction and input to staff on messages that the Board would like to convey to the public about water conservation and alternate water sources.

Staff-level Activities:

- a. Support and publicize other local-area water conservation initiatives using print and presentation opportunities.
- b. Maintain up-to-date water conservation and alternate water source information and literature that is available to the public via the website and print materials.
- c. Provide District groundwater permittees and end-users with water conservation and alternate water source presentations upon request where possible.
- d. Offer and/or recommend educational events annually that address topics such as leak detection, water audits, irrigation audits, indoor water conservation, water use behavior, native landscaping, or rainwater harvesting.
- e. Engage and solicit participation of permittees and other stakeholders on the District's conservation credit policy.

Lead Team Responsible: Education and Outreach

Other Objectives Supported: Objectives 1, 3, 4, and 6

Metric: Preparation and dissemination of material shared with District groundwater users and area residents that will inform them about water conservation and alternate water sources.

Supporting Performance Standards:

Performance Standard	Brief Description
3-1	Assist permittees in developing drought and conservation planning strategies and complying with District drought rules.
3-2	Enforce compliance with drought management rules during District-declared drought.
3-4	Inform and educate permittees and the public about declared drought stages and the severity of drought, and encourage practices and behaviors to reduce water use.
4-4	Through education and public outreach, inform groundwater users and the general public of the connectivity of recharge and discharge, importance of water quality protection, and the relationship between surface water and groundwater.

Objective 6. Increase understanding of all District aquifers so that appropriate policy and regulatory decisions are made.

Primary Performance Standards:

Performance Standard 6-1: Assess aquifer conditions by sampling and collecting groundwater data from selected wells.

Board-level Activities:

- a. Provide direction and input to staff about how the Board would like to have data collected and maintained.

Staff-level Activities:

- a. Collect water-quality and groundwater-level information annually from:
 - All individually permitted wells (except for public supply wells) scheduled for routine compliance inspections
 - All newly drilled wells
 - Abandoned wells where sample collection is possible prior to District-authorized plugging
 - Five (5) other selected wells of interest.
- b. Record data in District databases and use to assess groundwater quality and quantity.

Lead Team Responsible: Regulatory Compliance

Other Objectives Supported: None

Metric: Information collected on wells within the District entered into District database.

Performance Standard 6-2: Conduct scientific studies to better determine groundwater availability, to understand and prevent threats to water quality, to minimize impacts to water-supply wells and springs, and to provide sound science on which to base District policy. Publish District scientific and data-collection studies through various means ranging from local to international outlets.

Board-level Activities:

- a. Provide guidance on policy issues that involve scientific evaluation.
- b. Authorize funding for a portion or all of investigations related to aquifer science.

Staff-level Activities:

- a. Collect, maintain, and interpret relevant data such as water levels, water quality, stream flow, rainfall, and aquifer properties, including water-level information from at least ten (10) monitor wells and stream or spring flow measurements at least three (3) times annually.
- b. Periodically and regularly measure and evaluate the accuracy and precision of the discharges at the Barton Springs complex, and promote improvements in the reliability of such measurements.

- c. Identify and pursue grant funding, as appropriate and available to conduct aquifer studies, and manage grant projects in accordance with grant requirements and good project management practice to meet milestones on budget and schedule.
- d. Assess effects of “urban leakage” and its consequences for groundwater model calibration and outputs.
- e. Collaborate on aquifer studies with other agencies and institutions by participating in at least five meetings each year with other groundwater scientists and engineers to discuss topics of current and direct interest to the District staff.
- f. Evaluate the various groundwater models to determine which ones best suit the needs of the District for groundwater availability analyses, or consider other model software that has not yet been applied to District studies.
- g. Prepare presentations, abstracts, and papers to present at scientific meetings and conferences or for publication by the District or other scientific organizations.
- h. Appoint and convene when appropriate an *ad hoc* technical advisory committee to review and comment on District investigations and analyses.

Lead Team Responsible: Aquifer Science
 Other Objectives Supported: Objectives 1 and 7

Metric: Scientific studies are conducted and communicated so that the Board is advised of scientific basis and implications of Board policies.

Supporting Performance Standards:

Performance Standard	Brief Description
2-4	Monitor <u>existing</u> District wells for compliance with the <i>Rules</i> , and Well Construction Standards.
4-3	Provide leadership and technical assistance to federal, state and local entities; organizations; and individuals on the geology, hydrogeology, and karst features impacted by groundwater-utilizing land use activities.
4-4	Through education and public outreach, inform groundwater users and the general public of the connectivity of recharge and discharge, importance of water quality protection, and the relationship between surface water and groundwater.
5-4	Maintain and develop programs that inform and educate District groundwater users and area residents of all ages about water conservation practices and resources and use of alternate water sources including gray water/condensate reuse and rainwater harvesting.

Item 4

Special Called Board Meeting

Note: Public comments may be made on these agenda items.

- a. Discussion and possible action related to approving two resolutions in connection with re-districting of the District.**
 - i. Resolution regarding the criteria to be utilized by the District for the 2011 redistricting process.**
 - ii. Resolution to adopt redistricting guidelines, which set standards for public participation for the 2011 redistricting.**

Item 4

Special Called Board Meeting

b. Discussion and possible action related to draft revisions of parts of the Management Plan. Note: No changes to the prevailing Management Plan will be adopted under this agenda item. Any change to the Management Plan requires specification of changes proposed, a public hearing on those changes, and a properly posted action item stating intent to change the Plan.

Item 4

Special Called Board Meeting

- c. Discussion and possible action related to recent statutory changes potentially affecting the timing and cost of District director elections.**

Item 4

Special Called Board Meeting

- d. Discussion and possible action related to the negotiated rulemaking with Centex.**

Item 4

Special Called Board Meeting

- e. Discussion and possible action relating to *City of Kyle v. Goodman et al. and the Barton Springs Edwards Aquifer Conservation District*, Cause No. 10-1267, 22nd District Court, Hays County, Texas.**

Item 4

Special Called Board Meeting

- f. Discussion and possible action related to the election of Board Officers for the next 12 months.**

Item 5
Adjournment