



# **ANNUAL REPORT**

**Fiscal Year 2015**

310 East Avenue C  
P. O. Box 92  
Milano, Texas 76556  
Phone: 512 / 455 - 9900  
Fax: 512 / 455 - 9909  
Website: [www.posgcd.org](http://www.posgcd.org)  
*General Manager: Gary Westbrook*

## Purpose and Scope

This Annual Report on the Post Oak Savannah Groundwater Conservation District's (District or POSGCD) performance in regards to achieving management goals and objectives for the fiscal year is being presented to the Board of Directors of the District (the Board) in accordance with Section 14 of the District's Management Plan. Texas Water Code, Chapter 36.1071 requires that a District develop a comprehensive management plan which addresses required management goals. The original Management Plan for the District was adopted in 2004. It has since been amended and readopted as of October 9, 2012 pursuant to State Law.

The District was created in 2001 by the 77<sup>th</sup> Legislature to operate in the area covered by Milam and Burleson counties. The District was confirmed by an election held in November 2002. The District is governed by a ten (10) member Board of Directors which serves without pay. Five Board members are appointed by the Commissioners Court of each of the counties composing the District. One member from each county is appointed to represent each of the following interests: agricultural, rural water supply, industry, municipal, and one at large.

The format of this report states the goal, the objective of the goal, the performance standard used to meet each goal and the activity or program the District used to achieve the goal as set out in the Management Plan. The Rules and Management Plan of the District, as well as many other valuable resources are available on the District's website at [www.posgcd.org](http://www.posgcd.org).

HB1784, the District's enabling legislation, requires the Board to meet at least quarterly. Listed here are the meetings and hearings of the Board for the year 2015. Additional information such as Agenda and location may be obtained from the District's website at [www.posgcd.org](http://www.posgcd.org).

<b>Date</b>	<b>Meeting Type</b>
2-10-15	Board Meeting and Public Hearings
4-14-15	Board Meeting
5-12-15	Board Meeting
6-12-15	Emergency Board Meeting
6-25-15	Board Meeting
7-09-15	Board Meeting
9-08-15	Board Meeting
11-10-15	Board Meeting

## **Statewide Participation**

The District participates from time to time as appropriate, though staff or consultants, as a resource or member for groups and associations, both local and statewide, where it is beneficial to the District's goals and mission. POSGCD participation in statewide events in 2015 included:

- The District's General Manager (GM) participated in the Texas Water Conservation Association (TWCA) Interim Groundwater Committee during 2014 in preparation for the 84th legislative session, working on possible legislative remedies to interim charges including groundwater as identified by the Senate and House Natural Resources Committees. These legislative issues included brackish groundwater production, aquifer storage and recovery, and groundwater regulation of oil and gas industry. The GM continued to serve as a resource to legislators concerning these efforts during the 84<sup>th</sup> legislature in 2015.
- The GM served as representative from GMA 12 on Brazos G Regional Water Planning Group
- District staff and consultants met with representatives of Texas Commission on Environmental Quality (TCEQ) on protocol for water quality testing in the District.
- The GM served on a panel at Texas Water Conservation Association (TWCA) in March to discuss regulation of groundwater in a GCD with export projects
- The GM served on the Texas Alliance of Groundwater District's (TAGD) Legislative Committee to offer expertise regarding legislation related to brackish groundwater production, ASR, and long-term permits.
- The GM was a member of a panel of experts at the TAGD Annual Groundwater Summit conference in San Marcos that discussed regulation of groundwater export projects in Texas
- The GM served on a GMA 12 panel at the Milam and Burleson Counties Groundwater Summit, August 12, 2015, to discuss the process of development of DFCs in GMA 12, and progress to date.
- The GM participated in TAGD Executive Committee planning efforts for the future of the alliance.
- The President served as the acting chairman for GMA 12
- POSGCD committed an additional \$30,000, bringing the total commitment of the District for this effort to \$230,000, to TWDB to assist their Groundwater Modeling Availability program to improve the Queen City-Sparta/Carrizo-Wilcox GAM for GMA 12
- The GM participated in educational efforts as lecturer and instructor at the Bush Capstone School, Texas A&M University, to discuss regulation of groundwater, property rights, and protection of aquifers
- District staff and consultants attended meetings where networking and discussions of interest were presented at TAGD in February, June, and August, and at TWCA in March, June, and October.
- The GM participated in a panel of experts to discuss property rights and regulation of groundwater for the Texas Agriculture Council

## **Requirements of District Management Plan**

### **Section 5. Management Zones**

The District will establish and enforce Rules for the spacing of wells, the maximum allowable production of groundwater per acre of land located over an aquifer, require permits for production, regulate drawdown and provide for a reduction in the maximum allowable production and permitted production of groundwater per acre of land based on the different surface and subsurface characteristics and different evaluation and monitoring within the Management Zones.

POSGCD maintains Rules to accomplish the objectives and goals expressed in the Management Plan in Section 1- District Mission, and Section 5 Management Zones. In 2015 POSGCD approved the permits listed in Table 1 after finding the applications to be in accordance with district rules and the management plan based on the findings of the District's staff, general counsel, and hydrogeologist.

### **SECTION 6. MANAGEMENT OF GROUNDWATER SUPPLIES**

The District will evaluate and monitor groundwater conditions and regulate production consistent with this plan and the District Rules.

The District will adopt rules to regulate groundwater withdrawals by means of well spacing and production limits as appropriate to implement this Plan.

In 2015, POSGCD measured and evaluated water levels in the monitoring wells identified in the District's Well Monitoring Network. These wells provide coverage for all aquifers declared relevant by the District for the purpose of joint planning. At 14 of the monitoring wells, POSGCD used transducers to continuously measure water levels. POSGCD maintains rules to regulate groundwater withdrawals by means of well spacing, measured water levels, and production limits per acre.

### **Section 7. Desired Future Conditions**

The District shall participate in the joint planning process in Groundwater Management Area (GMA) 8 and GMA 12 as defined per TWC § 36.108, including establishment of Desired Future Conditions (DFCs) for management areas within the District. In its evaluation of potential DFCs, the District shall consider results from groundwater availability models, scientific reports, and the conditions of the aquifer within the management zones.

POSGCD participates in joint planning for GMA 8 and GMA 12 as required under Chapter 36.108, Texas Water Code.

On the dates of March 25, 2015, May 27, 2015, September 2, 2015 and November 18, 2015, the member districts of GMA 8 met at the Cleburne Conference Center in Cleburne, TX to participate in joint planning as required under Chapter 36.108, Texas Water Code.

On the dates of February 26, 2015, March 27, 2015, April 30, 2015, May 28, 2015, June 25, 2015, August 13, 2015, September 24, 2015, October 22, 2015 and December 17, 2015, the member districts of GMA 12 met at the Milano Civic Center in Milano, TX to participate in joint planning as required under Section 36.108, Texas Water Code. POSGCD continues to host meetings for GMA 12, and serves as the primary contact for GMA 12. The District's General Manager serves as the GMA 12 Representative on the Brazos G Regional Water Planning Group.

Minutes and presentations from the above meetings are available from the District.

#### **SECTION 8. MODELED AVAILABLE GROUNDWATER (MAG)**

As referenced in (7) above, Chapter 36 requires the DFCs to be updated every five years.

The requirements and procedures for that process have been increased significantly and meetings of all the Districts within both GMA 8 and GMA 12, respectively, are in progress to accomplish those requirements. Upon the adoption of the DFCs the Executive Administrator of the Texas Water Development Board will establish the MAG and advise the Districts as to the amount of water that may be produced on an average annual basis to achieve each of the DFCs.

#### **SECTION 9. WATER WELL INVENTORY**

The District will assign permitted wells to a management zone and to an aquifer based on the location of the well's screen or well depth using the Rules of the District.

POSGCD assigned permitted wells to management zones and documented these assignments in the District well database. POSGCD also began discussions with TWDB to reconcile differences between aquifer identifications for monitoring wells in the two databases. This is an ongoing process.

The District hired a consultant in 2015 to develop a web application that will allow users to query and visualize the location of wells in the District's Water Well inventory. The web application is scheduled for completion in early 2016.

#### **SECTION 10. GROUNDWATER MONITORING**

The District will maintain a monitoring well network that will be used by the District to obtain measured water levels.

The District shall perform groundwater monitoring. The monitoring of the wells will be performed under the direction of the general manager, by trained personnel using a Standard Operation Procedure adopted by the District.

In 2015, POSGCD measured and evaluated water levels in the monitoring wells identified in the District's Well Monitoring Network. These wells provide coverage for all aquifers declared relevant by the District for the purpose of joint planning. At 14 of the monitoring wells, POSGCD used transducers to continuously measure water levels.

The District also expanded its monitoring network by adding approximately 20 monitoring wells that had previously been part of the Texas Railroad Commission's monitoring network for the Sandow Mine. The District met with owners of the wells and measured water levels in those wells in 2015. As a result, the District now has monitoring wells located throughout the District, as listed in Table 3, at locations shown on maps located on the District's website at [www.posgcd.org](http://www.posgcd.org)

The District conducted several meetings with the TWDB to discuss and exchange information and ideas regarding a best approach for associating aquifer assignments to monitoring wells. These discussions will continue into 2016.

#### **SECTION 11. THRESHOLD LEVELS AND ANALYSIS OF GROUNDWATER LEVEL DATA**

The District shall use threshold levels to help achieve its DFCs and to conserve and preserve groundwater availability and protect groundwater users.

As part of its evaluation of the monitoring network in 2015, District staff, in coordination with the District's hydrogeologists, provided reports to the Board on changes in water levels in monitor wells in the District, and evaluations of those aquifer conditions and compliance with current Desired Future Conditions (DFCs), during public meetings. This topic was revisited at the November Board meeting in a comprehensive evaluation of monitoring results compared to the DFCs and management goals identified in the District's management plan.

#### **SECTION 12. PRODUCTION AND SPACING OF WELLS**

Production and spacing of all wells within the District will be regulated by the District according to the Rules of the District. Well spacing and the rate of production of the well will be dependent on the management zone and the aquifer associated with the well, and other factors included in the Rules of the District.

Each application to drill and operate a non-exempt well filed with the District is reviewed for completeness. In conducting this review, the desired spacing and rate of production are considered within the requirements of the Rules and the management zone spacing and production rates for the applicable management zone identified in the District's Management Plan. This review is conducted by one or more of the following, as appropriate: District staff, the District's general counsel, and the District's hydrologist.

#### **Section 13. Actions, Procedures, Performance and Avoidance for Plan Implementation.**

The District's Management Plan has been reviewed and approved by the Texas Water Development Board. The plan complies with state and federal law, recognized water conservation and management practices, and provides protections for individual property rights. The District has adopted comprehensive rules pursuant to Chapter 36 as provided in the Management Plan, and those rules have been reviewed, updated and amended as needed to provide more specific protection for an individual aquifers, to limit some restrictions on wells that provide water for a household and/or livestock,

and to assure consistency with amendments to Chapter 36 and the intent of the Management Plan. As an example, a 2014 amendment of the rules, in response to economic development interests within the District, enabled the District to maintain all the requirements for permitting and production, eliminate delays and serve the best interests of the landowners, the general public and the taxing authorities within the District.

The District offers groundwater and water conservation educational programs to the school districts within the District, and has established a grant program for public water utilities to fund repairs and improvements to water systems to conserve, and limit the loss of water. The District also continues to work proactively with GMA 8, GMA 12, the Texas Water Development Board, Burleson and Milam counties, the Texas Alliance of Groundwater Districts, the Brazos River Authority and other public organizations and private citizens, to assure the implementation of the Management Plan, and the protection of the groundwater supplies, aquifers, and property rights of all landowners. In this respect, it is noted that no amendment to either the Management Plan or the rules has been required as a result of significant court decisions regarding groundwater, the rights of landowners or groundwater districts.

#### **SECTION 14. METHODOLOGY FOR TRACKING DISTRICT PROGRESS IN ACHIEVING MANAGEMENT GOALS**

The general manager of the District will prepare and present to the Board an annual report on the District's performance and accomplishment of the management goals and objectives.

This report satisfies that requirement.

#### **SECTION 15. MANAGEMENT GOALS, OBJECTIVES, & PERFORMANCE STANDARDS**

##### **15.1 Efficient Use of Groundwater**

###### Management Objectives:

1. The District will maintain a monitoring well network with at least 50 monitoring wells to provide coverage across management zones and aquifers within the District. The District will measure water levels at the monitoring well locations at least once every calendar year. A written analysis of the water level measurements from the monitoring wells will be made available through a presentation to the Board of the District at least once every three years.
2. The District will provide educational leadership to citizens within the District concerning this subject. The activity will be accomplished annually through at least one printed publication, such as a brochure, and public speaking at service organizations and public schools as provided for in the District's Public Education Program.

###### Performance Standards:

1. Maintain a monitoring well network and its criteria, and measure at least 50 monitoring wells at least once every calendar year.

Table 3 lists 77 wells that were a part of POSGCD monitoring well network in 2015, for which water levels were recorded at least once during that year. At 14 of these wells, data loggers coupled with transducers were used to obtain continuous water level measurements. The POSGCD monitoring well network includes 10 additional wells which either did not yield useful measurements or were not available for measurement during 2015. In July, the District assumed monitoring efforts from RW Harden & Associates for monitoring wells associated with ALCOA's Sandow mining efforts.

2. Number of monitoring wells measured annually by the District.

Written report presented to the Board to document that water levels at these monitoring wells have been measured a minimum of once each year.

Table 3 lists wells that were a part of POSGCD monitoring well network in 2015 for which water levels were recorded at least once during that year. A report on this monitoring was presented to the Board on April 14, 2015, and was revisited at the November Board meeting in a comprehensive evaluation of monitoring results compared to DFCs and management goals as identified in the District's management plan.

3. The number of publications and speaking appearances by the District each year under the District's Public Education Program.

Table 4 lists the instances and publications where this topic was addressed.

## 15.2 Controlling and Preventing Waste of Groundwater.

### Management Objectives:

The District will provide educational leadership to citizens within the District concerning this subject. The activity will be accomplished annually through at least one printed publication, such as a brochure, and public speaking at service organizations and public schools as provided for in the District's Public Education Program. During years when District revenues are sufficient, the District will consider funding a grant to obtain a review, study, or report of pertinent groundwater issues, or to sponsor the attendance of students at summer camps/seminars that place emphasis on the conservation of water resources.

### Performance Standards:

The number of publications and speaking appearances by the District each year, and the number of grants considered and students actually accepting and attending an educational summer camp or seminar.

Table 4 lists the instances and publications where this topic was addressed.

### 15.3 Control and Prevent Subsidence

#### Management Objectives:

The District will monitor drawdowns with due consideration to the potential for land subsidence. At least once every three years, the District will report projected land subsidence for areas where water levels will decrease more than 300 feet (over a 50 year period from the year 2000 baseline condition) based on GAM simulations used for the joint planning process.

#### Performance Standards:

The number of reports that provide estimates of projected land subsidence.

**POSGCD evaluated water level measurements from over 75 monitoring wells and did not find any evidence that land subsidence has occurred during the last few years or will occur in the next few years.**

### 15.4 Conservation of Groundwater including Rainwater Harvesting, Precipitation Enhancement, Brush Control, Conjunctive Use, and/or Recharge Enhancement of Groundwater Resources in the District

#### Management Objectives:

1. The District will provide educational leadership to citizens within the District concerning this subject. The educational efforts will be through at least one printed publication, such as a brochure, and at least one public speaking program at a service organization and/or public school as provided for in the District's Public Education Program. Each of the following topics will be addressed in that program:
  - A. Conservation
  - B. Rainwater Harvesting
  - C. Brush Control
  - D. Recharge Enhancement
  - E. Conjunctive Use
  - F. Precipitation Enhancement
2. During years when District revenues are sufficient, the District will consider sponsoring the attendance of students and/or teachers at summer camps/seminars that place emphasis on the conservation of groundwater, rainwater harvesting, brush control, groundwater recharge enhancement, conjunctive use, precipitation enhancement of water resources, or a combination of such groundwater management programs.
3. The District will encourage and support projects and programs to conserve and/or preserve groundwater, and/or enhance groundwater recharge, by annually funding the District's Groundwater Conservation and Enhancement Grant Program, during years when the District's revenues remain at a level sufficient to fund the program. The objective of this program is to obtain the active participation and cooperation of local water utilities, fire departments and public agencies in the funding and successful completion of programs and projects that will result in the conservation of

groundwater and the protection or enhancement of the aquifers in the District. The qualifying water conservation projects and programs will include, as appropriate, projects that: result in the conservation of groundwater, reduce the loss or waste of groundwater, recharge enhancement, rainwater harvesting, precipitation enhancement, brush control, or any combination thereof. The District's objective is to benefit the existing and future users of groundwater in the District by providing for the more efficient use of water, increasing recharge to aquifers, reducing waste, limiting groundwater level declines, and maintaining or increasing the amount of groundwater available, by awarding at least one grant under the program in each county annually.

Performance Standards:

1. The number of publications and speaking appearances by the District each year under the District's Public Education Program.

Table 4 lists the instances and publications where this topic was addressed.

2. The number of students sponsored to attend a summer camp/seminar emphasizing the conservation of water.

The District offered the opportunity to students and youth through schools in the District but no applications were received.

3. Annual funding, when applicable, for the District's Groundwater Conservation and Enhancement Grant Program, and the number of projects and programs reviewed, approved, and funded under that program. A written report providing estimated benefit of the amount of groundwater conserved, of the recharge enhancement, and/or of addition groundwater protection provided by the program.

Table 5 lists the successful applications awarded District funds for this purpose.

4. The number and content of reports submitted regarding sponsored programs.

The report regarding Table 5 was given at the Board meeting at which Grant Awards were made on May 12, 2015. The 2014-15 Water Wise report was presented to the Board on August 8, 2015, to the Burleson County Commissioner's Court in January 2016, and to the Milam County Commissioners Court in November 2015. This report is available on the District's website at [www.posgcd.org](http://www.posgcd.org) and upon request from the District.

The District also provided funding for groundwater conservation efforts by fire departments within the District during 2015, in the total amount of \$6378.

## 15.5 Conjunctive Use of Surface and Groundwater

### Management Objective:

The District will confer annually with the Brazos River Authority (BRA) on cooperative opportunities for conjunctive resource management.

### Performance Standard:

1. The number of conferences with the BRA on conjunctive resource management.
2. The number of times each year in which the applicant, general manager or the Board considers conjunctive use in the permitting process.

The District's General Manager discussed this item several times during 2015, with representatives of the Brazos River Authority at BRA's offices, during trips to Region G during 2015.

## 15.6 Drought Management Strategy

The aquifers within the District are substantially resistant to water level declines during drought conditions. As a result, the District does not have a drought management strategy based on precipitation metrics such as the Palmer Drought Index. The District management strategy is to review and to enforce Drought Management Plans adopted by District permit holders and entities that contract to purchase water transported out of the District.

### Management Objective:

When permits or contracts are issued, as applicable, the District will confirm that all entities have an approved Drought Management Plan.

### Performance Standard:

Documentation of District review of the State approved Drought Management Plans.

The District hydrogeologists have reviewed the monitoring well data during the last ten years and have confirmed that the aquifers of the Districts are substantially resistant to water level declines during drought. The District's Rules require that all permit holders with Drought Plans or Management Strategies are required to abide by those plans and strategies.

## 15.7 Natural Resource Issues That Impact the Use and Availability of Groundwater and Which are Impacted By the Use of Groundwater

The District reviewed applications and approved issuance of 80 permits for non-exempt wells in 2015 (see Tables 1 and 2), of which 51 were limited term permits for Oil and Gas fracturing (see Table 2). None of these permits were deemed to have sufficient pumping to potentially cause significant water level change.

### Management Objective:

1. The District will confer at least once every two years with appropriate agencies on the impact of groundwater resources in the District.
2. The District will evaluate permit applications for new wells and the information submitted by the applicants on those wells prior to drilling. The District will assess the impact of these wells on the groundwater resources in the District.
3. The District will implement the POSGCD Well Closure Program. The objective of the well closure program is to obtain the closure and plugging of derelict and abandoned wells in a manner that is consistent with state law, for the protection of the aquifers, the environment, and the public safety. The District will conduct a program to identify, inspect, categorize and cause abandoned and derelict water, oil and gas wells to be closed and plugged, by annually funding the program or segments or phases of the program appropriate to be funded in such fiscal year. The District will fund the closure of at least one abandoned well during years when the District's revenues remain at a level sufficient to fund the program.

### Performance Standard:

1. The number of conferences with a representative of appropriate agencies.

The General Manager (GM) met with representatives of the Railroad Commission of Texas in Milano, TX on October 29, 2015 to discuss these issues. The GM also participated on TAGD and TWCA committees to discuss oil and gas uses of groundwater, and District regulation of the same.

2. Reports to the Board on the number of new well permit applications filed, and the possible impacts of those new wells on the groundwater resources in the District.

These reports are given at the regular meetings of the Board and are available in the District's meeting minutes, which may be found on the District's website at [www.posgcd.org](http://www.posgcd.org).

3. Annual funding, when applicable, for the District's Well Closure Program, and the number of wells closed and plugged as a result of the Well Closure Program.

The District funded well plugging for 2 qualified wells, one each in February and September.

## 15.8. Mitigation

### Management Objective:

Within one year of adoption of this Plan, the District will review mitigation plans prepared by other agencies in Texas regarding impacts caused by groundwater pumping. Based upon this review and estimated impacts to groundwater levels caused by future pumping within and outside of the District, the District will determine whether or not to develop a mitigation plan. If appropriate, the District will develop a draft mitigation plan within three years after the adoption of this Plan and will seek public comment, hold appropriate hearings and adopt a plan. The plan will be reviewed on an annual basis thereafter.

### Performance Standard:

1. The number of mitigation plans reviewed.

During 2013, ALCOA's mitigation plan, required by the Railroad Commission of Texas (TRRC) in conjunction with mining permits from TRRC, and the mitigation plan adopted by Gonzalez Co. UWCD were reviewed by District staff, attorneys, and hydrogeologists.

At the November 10, 2015 Board Meeting a presentation was given to the Board by Mr. Fred Russell, of Gause, TX, concerning the benefits of a District mitigation program. At this time, the District maintains successful management under current District Rules and management strategies negates this need, however, the District will discuss mitigation plans during 2016.

The District will continue to review mitigation plans prepared by other agencies.

2. Reports and presentations that document the anticipated impacts of pumping within and outside of the District on groundwater resources in the District.

District staff presented reports and/or discussion on this topic as follows:

**Date Meeting- Purpose**

2-10-15 DFC Committee/Board Meeting- DFC Discussions

2-26-15 GMA 12- DFC Discussions

3-24-15 DFC Committee- DFC Discussions

3-25-15 GMA 8- DFC Discussions

3-27-15 GMA 12- DFC Discussions

4-14-15 DFC Committee/Board Meeting- DFC Discussions

4-30-15 GMA 12- DFC Discussions

5-12-15 Board Meeting- update on GMA/DFC Process

5-28-15 GMA 12- DFC Discussions/Aquifer/Hydrologic Conditions

6-25-15 GMA 12- DFC Discussions/State Water Plan Needs

7-9-15 Board Meeting- update on GMA/DFC Process

8-12-15 Milam & Burleson GW Summit- District Management of resources

8-14-15 GMA 12 - DFC Discussions/Environ.-Socioeconomic Considerations

9-2-15 GMA 8- DFC Discussions

9-8-15 Board Meeting- DFC Discussions

9-24-15 GMA 12- DFC Discussions/Property Rights/Subsidence

10-1-15 Texas Agriculture Council- District Management of resources

10-20-15 Burleson County Farm Bureau- District Management of resources

10-20-15 Caldwell City Council- District Management of resources

10-22-15 GMA 12- DFC Discussions/ Aquifer/Hydrologic Conditions

11-10-15 Board Meeting- Monitoring/DFC Discussions

11-18-15 GMA 8- DFC Discussions

12-7-15 GMA 12- DFC Discussions

12-17-15 DFC Committee- DFC Discussions

## **15.9 Desired Future Conditions (DFCs)**

### **Management Objective:**

1. At least once every three years, the District will monitor water levels and evaluate whether the change in water levels is in conformance with the DFCs adopted by the District. The District will estimate total annual groundwater production for each aquifer based on the water use reports, estimated exempted use, and other relevant information, and compare these production estimates to the MAGs listed in Table 8-1.

Performance Standard:

1. At least once every three years, the general manager will report to the Board the measured water levels obtained from the monitoring wells within each Management Zone, the average measured drawdown for each Management Zone calculated from the measured water levels of the monitoring wells within the Management Zone, a comparison of the average measured drawdowns for each Management Zone with the DFCs for each Management Zone, and the District's progress in conforming with the DFCs.
2. At least once every three years, the general manager will report to the Board the total permitted production and the estimated total annual production for each aquifer and compare these amounts to the MAGs listed in Table 8-1 for each aquifer.

The District's staff and hydrologist covered this topic at the November Board meeting in a comprehensive evaluation of monitoring results compared to the DFCs and management goals identified in the District's management plan, and the results indicate that, at present, the District is in conformance with the DFCs adopted by the District in 2010 as part of the joint planning process. The District will continue this process by developing additional methodologies to evaluate these items. The District's Staff will also continue ongoing reports to the Board during public Board Meetings covering all of these factors.

**Financial Reports and Annual Financial Audit**

Financial reports are given at each meeting of the District's Board of Directors. The Financial Audit of the District for FY 2014 was presented to the Board at the April 14, 2015 Board Meeting.

**Fines levied by the District in 2015**

No fines were levied by the District during 2015.

Table 1: Production Permits issued during 2015 Calendar Year

Owner	Use	Aquifer	Permit Type	Permit #	Annual ac-ft
Ronald Logan	Irrigation	Alluvium	D&O	POS-D&O-0200	282
Andrew C. Rudderow	Domestic & Livestock	Sparta	D&O	POS-D&O-0201	156.34
William H. Tonn III	Irrigation	Alluvium	D&O	POS-D&O-0202	277
North Milam Water Supply	Public	Simsboro	D&O	POS-D&O-0203	Rule 5.5
John S. Malazzo	Irrigation	Alluvium	D&O	POS-D&O-0204	103.07
Jason M. Malazzo	Irrigation	Alluvium	D&O	POS-D&O-0205	87.08
Blue Water Systems, LP	Rig Supply	QC or Sparta	D&O	POS-D&O-0207	20,280 QC 6,460 Sparta
Blue Water Systems, LP	Rig Supply	QC or Sparta	D&O	POS-D&O-0208	20,280 QC 6,460 Sparta
Blue Water Systems, LP	Rig Supply	QC or Sparta	D&O	POS-D&O-0209	20,280 QC 6,460 Sparta
Blue Water Systems, LP	Rig Supply	QC or Sparta	D&O	POS-D&O-0210	20,280 QC 6,460 Sparta
Cheri D. Reynolds	Domestic & Livestock	Carrizo	D&O	POS-D&O-0211	40
Charles W. Tims Jr.	Irrigation	Queen City	D&O	POS-D&O-0212	25.629
BRL Ranches	Irrigation	Simsboro	D&O	POS-D&O-0213	350
Hung Q. Duong	Agriculture & Livestock	Calvert Bluff	D&O	POS-D&O-0214	9
William C. Raymond	Irrigation	Hooper	D&O	POS-D&O-0215	22
Mickan, Merkord, & Kokel Ltd	Irrigation	Alluvium	D&O	POS-D&O-0216	300
Aaron Martinka	Irrigation	Alluvium	D&O	POS-D&O-0217	70
Pete Scarmardo	Domestic & Livestock	QC	D&O	POS-D&O-0218	605
Blue Water Systems, LP	Rig Supply	Carizzo	D&O	POS-D&O-0219	10,003
J. Zermino Enterprises, Inc. & Promovicto USA, Inc.	Irrigation & Livestock	Yegua-Jackson	D&O	POS-D&O-0220	73
Jim D Elzner	Irrigation	Simsboro	D&O	POS-D&O-0221	5,800
John Giesenschlag	Irrigation	Alluvium	D&O-M	POS-D&O-M0018	210
William J. Gavranovic	Irrigation	Yegua-Jackson	D&O-M	POS-D&O-M0019	424
Barbara & Chad Teinhert	Irrigation	Calvert Bluff	O	POS-O-0032	25
Odes L. Foster	Domestic	Calvert Bluff	O	POS-O-0033	8
Joe F. Baldwin & Jeff Baldwin	Chicken Houses	Queen City	O	POS-O-0034	6
Sassine H. Wakim	Irrigation	Alluvium	O	POS-O-0035	1
Terry Ausley	Irrigation	Carrizo	O	POS-O-0036	140
J. Zermino Enterprises, Inc. & Promovicto USA, Inc.	Irrigation & Livestock	Sparta	O	POS-O-0037	75

Table 2: Oil & Gas Permits issued during the 2015 Calendar Year. (Note: All permits were 365 day term permits)

Operator	Lease	Permit Type	Permit #	Permitted (ac-ft)
Clayton Williams Energy	Paul 134 #1	O&G	O&G-0163	12.89
Apache Corp.	Remington 2H	O&G	O&G-0164	103.11
Terry Ausley	Massey 1H	O&G	O&G-0165	38.67
PetroMax Operating	JRG A	O&G	O&G-0166	38.67
PetroMax Operating	Fojt 1H	O&G	O&G-0167	36.83
Clayton Williams Energy	Eagleton 139	O&G	O&G-0168	12.89
Clayton Williams Energy	K. Urbanovsky 136 #1	O&G	O&G-0169	12.89
Clayton Williams Energy	Marshall 140 #1	O&G	O&G-0170	12.89
Andarko E&P Onshore LLC	Magnolia Unit EB A1H	O&G	O&G-0171	38.67
Andarko E&P Onshore LLC	Magnolia Unit EB A2H	O&G	O&G-0172	38.67
Andarko E&P Onshore LLC	Aspen Unit EB A1H	O&G	O&G-0173	38.67
Clayton Williams Energy	Marshall 140 #2	O&G	O&G-0174	12.89
Clayton Williams Energy	Marshall 140 #3	O&G	O&G-0175	12.89
Andarko E&P Onshore LLC	Bronco A1H	O&G	O&G-0176	38.67
Anadarko E&P Onshore LLC	Bronco A2H	O&G	O&G-0177	38.67
Anadarko E&P Onshore LLC	Bronco A3H	O&G	O&G-0178	38.67
Anadarko E&P Onshore LLC	Beechnut Unit EB A2H	O&G	O&G-0179	58.00
Anadarko E&P Onshore LLC	Beechnut Unit EB A4H	O&G	O&G-0180	58.00
Anadarko E&P Onshore LLC	Boxwood Unit EB A1H	O&G	O&G-0181	45.11
Anadarko E&P Onshore LLC	Hackberry Unit EB A1H	O&G	O&G-0182	45.11
PetroMax Operating	McNair A&B 1H	O&G	O&G-0183	73.65
Andarko Petroleum Corp.	Royal Pecan Unit EB A1H	O&G	O&G-0184	38.67
Anadarko Petroleum Corp.	Royal Pecan Unit EB A2H	O&G	O&G-0185	38.67
Anadarko Petroleum Corp.	Royal Pecan Unit EB A3H	O&G	O&G-0186	38.67
PetroMax Operating	Hensz B	O&G	O&G-0187	36.83
PetroMax Operating	Hensz B	O&G	O&G-0188	0.00
PetroMax Operating	Hensz B	O&G	O&G-0189	0.00
Anadarko Petroleum Corp.	Galaxy EB WL 1	O&G	O&G-0190	38.67
Anadarko Petroleum Corp.	Galaxy EB WL 2	O&G	O&G-0191	19.33
Anadarko Petroleum Corp.	Cochran Oil Unit #1	O&G	O&G-0192	19.33
Halcon Resources	Alpaca	O&G	O&G-0193	30.00
Anadarko Petroleum Corp.	Robert H Harwood ET UX	O&G	O&G-0194	3.87
Clayton Williams Energy	Stifflemeir 150	O&G	O&G-0195	10.31
Clayton Williams Energy	Gerland 144 #1	O&G	O&G-0196	15.47
Anadarko Petroleum Corp.	Sassafras Unit EB A3H	O&G	O&G-0197	38.67
Anadarko Petroleum Corp.	Sassafras Unit EB A 1H	O&G	O&G-0198	38.67
Clayton Williams Energy	Goodnight #154	O&G	O&G-0199	15.47
PetroMax Operating	Fletcher B 1H	O&G	O&G-0200	58.00
PetroMax Operating	Fletcher E 1H	O&G	O&G-0201	58.00
PetroMax Operating	Fletcher E 1H	O&G	O&G-0202	29.00
New Century Operating	Garrison D Unit	O&G	O&G-0203	64.45
PetroMax	RFI A1H	O&G	O&G-0204	15.00
PetroMax	RFI A1H	O&G	O&G-0205	35.00
PetroMax	RFI B 1H	O&G	O&G-0206	15.00
PetroMax	RFI B1H	O&G	O&G-0207	35.00
PetroMax	Schoppe C 1H	O&G	O&G-0208	15.00
PetroMax	Schoppe C 1H	O&G	O&G-0209	35.00
Halcon Resources	Piwonka 1-H	O&G	O&G-0210	32.22
PetroMax/ Tina Flores Madrigal	Snap B 1H	O&G	O&G-0211	12.89
Anadarko	Badger 1 RE	O&G	O&G-0212	3.87
Marlin Energy Resources, LLC	Massey 1H	O&G	O&G-0213	42.53

Table 3: District Monitoring Wells measured in early Spring 2015 for and reported to TWDB.

WID	state_well_number	owner_1	2015 Level	Method	Date
25	5917409	City of Rockdale (Belton)	171.4	transducer	4/20/2015
26	5917103	Ralph Summers- Mary Jane Boyd	76.8	Tape	2/18/2015
53	5909901	Richard Frock	114	E-line	2/18/2015
59	5911402	Harold Lange	152.8	Tape	2/18/2015
73	5910907	Willard Kornegay	131.8	E-line	2/18/2015
77	5919103	Charles Hoppe	102.5	Tape	2/28/2015
84	5919302	James Ayers	41.8	eline	2/20/2015
107	5925102	Noack Family Partnership, Ltd.	128.8	eline	3/6/2015
121	5917714	City of Rockdale (Texas)	144.2	tape	3/31/2015
138	5917713	City of Rockdale (Tracy)	147	tape	3/31/2015
170	5824914	Rockdale ISD	128.7	eline	3/31/2015
221	5909605	Marlow WSC	135	E-line	2/18/2015
223	5902706	North Milam WSC	39.4	eline	4/9/2015
234	5902309	Wendy Breck	42.3	E-line	2/19/2015
236	5902307	Phillip & Vicki Harris	127	Tape	2/18/2015
268	5832101	Wayne Diver	5.9	eline	3/26/2015
341	5927606	Rudy Steck	98.5	eline	2/20/2015
433	5920410	Milano WSC- Rita Test	29.4	eline	3/25/2015
457	5919502	Milano WSC - Well 4	281.7	Tape	3/25/2015
518	5927204	Dale Hill	27.3	eline	2/20/2015
579	5937611	Camilla J. Godfrey	32.8	eline	2/24/2015
661	5936802	Lyons Water Supply	130.5	tape	3/13/2015
787	5938701	Burnside Services, Inc.	18.4	eline	2/20/2015
791	5935208	Juanita Amidon	74.4	tape	2/19/2015
859	5929456	Marion Malazzo	17.1	tape	2/20/2015
860	5929457	Marion Malazzo	18	eline	2/20/2015
877	5928619	Tunis Water Supply	60.8	eline	2/20/2015
894	5928601	P. G. Haines	23.4	eline	2/20/2014
895	5928702	Sarah Engleman	88.1	tape	2/20/2015
943	5934106	Nathan Ausley	135.3	eline	3/24/2015
1061	5934607	Deanville Water Supply Corporation 2	111.8	tape	4/7/2015
1063	5918104	Milano WSC - Well # 2	272.2	tape	3/25/2015
1064	5918908	Milano WSC - Well # 3	303.6	tape	3/25/2015
1066	5918705	Milano WSC - Buer Well	222.8	eline	3/25/2015
1082	5911703	Gause Water Supply # 1	168.9	tape	4/9/2015
1110	5824611	Southwest Milam Water Supply Corp.	145.4	tape	3/31/2015
1117	5917712	City of Rockdale (runway)	147.5	tape	3/31/2015
1118	5917711	City of Rockdale (airport)	154.5	eline	3/31/2015
1197	5934107	Nathan C. Ausley	98.7	Tape	3/24/2015
1573	5934601	Deanville Water Supply Corporation 1	70.7	tape	4/7/2015
1575	5927718	Deanville Water Supply Corporation 4	171.9	tape	4/7/2015
1883	5832704	Martin Hobbs	94.2	tape	3/30/2015
2152	5925409	Glynn Phillips	180.4	tape	3/26/2015
6145	5927611	Alvin J. Kutach	111.7	tape	2/20/2015
6243	5925502	Birdie Kristoff	77.7	tape	4/7/2015
6305	5832908	Charles Lee McDaniel	24.7	eline	3/26/2015
6586	5927309	Francis Joseph Landry, Jr.	115.2	Sonic	2/10/2015
6621	5926402	Frederick A. Jackson	274.9	Tape	3/24/2015
7364	5824612	Richard H. Griffith	55.1	tape	3/26/2015
7506	5824610	Southwest Milam Water Supply Corp.	143.7	tape	3/31/2015
7774	5910705	Jay Wise	153	Sonic	2/19/2015
7793	5925103	Noack Family Partnership, Ltd.	120	eline	3/6/2015
8239	5928804	Providence Baptist Church	28.1	eline	2/20/2015
8451	5925408	Antonio E. Cantu	96.1	eline	3/6/2015
8658	5910706	Randal C. Leo	186.7	sonic	2/19/2015
8767	5934108	Terry Ausley	195.6	trans	3/23/2015
8935	5901904	Donald R. Schuerman	47.5	Tape	2/18/2015
9095	5910707	Randal C. Leo	156.5	sonic	2/19/2015
9104	5928342	David L. Hodges	78.5	eline	2/20/2015
	58-32-4A1	R. Crump	98.4	eline	7/28/2015
	59-17-4A7	L. Caywood	60.4	eline	7/28/2015
	59-25-4C5	David Cork	166.1	tape	7/28/2015
	59-17-505	L. Garner	100.8	tape	7/28/2015
	59-25-5A6	Emory Crump	126.6	tape	7/28/2015
	59-17-705	Keys	148.65	tape	7/28/2015
	58-32-7A3	K. Biehle	107.4	eline	7/28/2015
	59-17-7C1	Brahm	147.7	Tape	7/28/2015
	58-31-9A8	Ansley	112.45	eline	7/31/2015
	58-39-3A8	Jordan	107.35	eline	7/28/2015
	58-31-9B1	Melvin Hirt	130.8	tape	7/31/2015
	58-32-3A7N	Young	137	eline	7/28/2015
	58-24-9D4N	Rodgers	135.8	eline	7/28/2015
	59-17-3B8	J. Denio	123.3	eline	7/28/2015
	59-17-3A9	Warren, Leonard	141.65	eline	7/28/2015
	59-17-8B8	Stigler	66.45	tape	7/28/2015
	58-24-9V7	Simmons	125.7	eline	7/28/2015
	58-32-7B1	Smith	95.6	eline	7/28/2015

Table 4: District Education

<u>Date</u>	<u>Group</u>	<u>Location</u>	<u>Type</u>
January 8, 2015	City of Somerville Representatives	Somerville, TX	
January 26, 2015	Milam County Commissioners Court	Cameron, TX	
March 10, 2015	Texas Water Conservation Assoc.	Austin, TX	
March 18, 2018	Little River Master Gardeners	Cameron, TX	
June, 2015	Public Funds Investment Training	Austin, TX	
July 7, 2015	Water Day Camp-Agri-life Extension	Fairgrounds Rockdale, TX	
October 20, 2015	Farm Bureau Annual Meeting	Rockdale, TX	
October 20, 2015	City Council of Caldwell	Caldwell, TX	
October 26, 2015	Bush School	College Station, TX	
October 28, 2015	Burleson County Tribune Article	Caldwell, TX	
October 29, 2015	Texas Railroad Commission	Milano, TX	
November 23, 2015	Milam County Commissioners Court	Cameron, TX	
December 1, 2015	Rockdale Rotary Club	Rockdale, TX	
December 7, 2015	Caldwell Evening Lions Club	Caldwell, TX	
December 29, 2015	Annual District Newsletter	District wide	
September-December	Facebook and Twitter posts		

Table 5: District Conservation Grants awarded for Calendar Year 2015 on March 12, 2015

<u>Applicant</u>	<u>Amount Awarded</u>	<u>Use</u>
Minerva WSC	\$ 50,618.00	Replace Water Meters
Burleson County MUD	\$388,780.00	Replace Water Lines
Gause WSC	\$122,018.00	Replace Water Meters
Birch Creek Rec. WSC	\$287,600.00	Replace Water Meters & Water Lines
Lyons WSC	\$137,000.00	Rehabilitate Elevated Storage
Totals	\$986,016.00	

During 2015 the District reimbursed fire departments which used groundwater and located in the District for purchases of foam and foam dispersement equipment in the amount of \$6378.