

**2015 Annual Report**  
**NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT**

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## **Board of Directors**

### **Collin County**

Eddy Daniel, President

Joseph Helmberger, Member

Philip Sanders, Member

### **Cooke County**

Ronny Young, Vice President

Kenny Klement, Member

Ron Sellman, Member

### **Denton County**

Evan Groeschel, Secretary/Treasurer

Chris Boyd, Member

Thomas Smith, Member

### **Staff**

Drew Satterwhite, P.E., General Manager

Debi Atkins, Finance Officer

Laurie Killian, Accounting Assistant

Alan Moore, Operations Supervisor

Wayne Parkman, Field Technician

Velma Starks, Administrative Assistant

Carolyn Bennett, Administrative Manager/Project Coordinator

Theda Anderson, Clerk

## **I. Introduction**

In 1997 Senate Bill 1, enacted by the Texas Legislature, confirmed a state policy that “groundwater conservation districts... are the state’s preferred method of groundwater management through rules developed, adopted and promulgated by a district...” Subsequently, the Texas Commission on Environmental Quality issued a report in 2007 advising that one or more groundwater conservation districts would need to be created in the 13-county area of North Central Texas, including the Counties of Collin, Cooke and Denton. North Texas Groundwater Conservation District (“District”) was created by Senate Bill 2497, May 27, 2009. Creation of the District was confirmed by Commissioners Court of Collin County August 10, 2009, Commissioners Court of Cooke County August 10, 2009 and Commissioners Court of Denton County August 11, 2009.

Temporary Rules were adopted by the Board of Directors October 19, 2010. As required by Chapter 36 of the Texas Water Code, the District provides for conserving, preserving, protecting, recharging and preventing the waste of groundwater. The adopted Rules provide protection to existing wells, prevent waste, promote conservation, provide a framework to allow availability and accessibility of groundwater for future generations, protect quality of ground water in recharge zone of aquifer, and insure residents of Collin, Cooke and Denton Counties maintain local control over their groundwater. The Rules also insure the District operates in a fair and equitable manner for all residents of the District. The Rules were updated in August of 2014. These amendments addressed adding a definition for a replacement well, clarifying capping guidelines, and approval of methods for water production reports.

The District adopted its Management Plan April 19, 2012. One requirement of the Management Plan is for an Annual Report to be provided to the Board of Directors. This report is presented to the Board of Directors of the North Texas Groundwater Conservation District pursuant to this requirement.

## **II. General Manager's Report**

The District adopted its Management Plan in April of 2012. Pursuant to that Plan, this annual report has been prepared by District staff for presentation to the Board to keep them informed of the status of goals adopted by the Plan, and subsequently approved by the Texas Water Development Board.

Wells drilled after April 1, 2011 and all existing non-exempt wells are required to be registered with the District. Monthly briefings are presented in the General Manager's Report at District Board meetings.

**During 2015, the North Texas GCD Board of Directors and staff accomplished the following tasks:**

- Continued development of Desired Future Conditions ("DFC")
- Continued participating in updating Groundwater Availability Model for Northern Trinity/Woodbine Aquifer
- Meter inspection program continued, including the meter sealing policy to assure meters stay with the well for which it is assigned
- Annual well inspection program sustained
- Review of Joint Groundwater Monitoring and Contamination Report prepared by Texas Commission on Environmental Quality, Texas Railroad Commission and other agencies addressing potential impacts from historic and ongoing oil and gas exploration
- Well monitoring activities continued
- Continued public information program in each county by providing brochures regarding registering wells to cities, counties, water providers and other entities involved in groundwater production, and publishing article in newspaper of general circulation for each county regarding registration of wells
- Provided information to public agencies regarding the North Texas GCD
- Provided Major Rivers curriculum for water conservation to 4<sup>th</sup> grade classes within the District

### **III. Management Goals**

The District Management Plan, adopted April 19, 2012, provides that an Annual Report be prepared by the General Manager and staff of the District, covering the activities of the District, including information concerning the District's performance in regards to achieving the District's management goals and objectives.

#### **Goal 1 – Providing the most efficient use of water**

**Management Objective 1.1A** – All new wells drilled after April 1, 2011 and all existing non-exempt wells are required to be registered with the District.

**Performance Standard 1.1A** – Subsequent to adoption of the Plan, briefings are being provided by the General Manager to the Board of Directors regarding well registration program at the monthly board meetings.

Current number of wells registered in the District: 1,551

Aquifers in which the wells have been completed: Trinity and Woodbine

**Management Objective 1.1B** – Beginning in April 2011 District launched an on-line registration program in order to register and collect important information regarding all non-exempt wells drilled on or after April 1, 2011. In order to ensure all wells required to be registered are registered, an on-going media outreach program to educate the citizens of the requirement to register wells has been developed.

Identified local and regional media outlets:

1. Newspapers of local circulation
2. County tax offices
3. Boards of Realtors (Collin, Cooke and Denton Counties)
4. Title Companies
5. County Extension Services (Collin, Cooke and Denton)/Texas AgriLife Extension Service
6. Municipalities and other water providers, i.e. water supply corporations, special utility districts, etc.
7. County Courthouses

**Performance Standard 1.1B** - Media Outreach Program has been developed to educate the citizens of the requirement to register wells, a summary of media outlets for which Public Service Announcements were distributed are being reported on a quarterly basis, and also will be included in Annual Report presented by the General Manager.

#### Summary of Public Service Announcements for 2015

Number of media outlets for which Public Service Announcements were distributed for the year:  
3

1<sup>st</sup> Quarter- pamphlets encouraging well registration distributed to city halls and other water providers offices in Collin, Cooke and Denton Counties.

2<sup>nd</sup> Quarter – Newspaper article in Gainesville Daily Register, Cooke County

3<sup>rd</sup> Quarter – pamphlets encouraging well registration distributed to county courthouses

4<sup>th</sup> Quarter – Newspaper article in McKinney Courier Gazette, Collin County; and Denton Chronicle, Denton County

**Management Objective 1.1C** – All non-exempt and exempt wells drilled on or after April 1, 2011 are required to be registered with the District. Beginning in November 2011 the District initiated a field inspection/audit program, with the objective of inspecting 5 wells per month. These inspections/audits will confirm a well has been registered, accuracy of the well location, and accuracy of certain other required well registration information.

**Performance Standard 1.1C** – Requirement to inspect/audit well sites each month to confirm well registration requirements has been met. This information is reported in Table 1.1C.

**2015**

**Well Inspections**

**Table 1.1C**

Month	Collin	Cooke	Denton	Total
January	0	0	0	0
February	0	0	0	0
March	11	3	4	18
April	1	0	2	3
May	0	0	1	1
June	1	0	5	6
July	2	9	3	14
August	0	0	1	1
September	0	2	8	10
October	0	0	12	12
November	1	0	0	1
December	0	0	0	0
<b>Total</b>	<b>16</b>	<b>14</b>	<b>36</b>	<b>66</b>

This information is updated and presented monthly to the Board of Directors.

**Management Objective 1.2A** – A groundwater monitoring program was launched in 2013, to collect information on the quantity and quality of groundwater resources throughout the District. For the first two years, beginning in 2013, District staff began to work with Texas Water Development Board (“TWDB”) staff to monitor water levels in wells the TWDB staff currently monitors on an annual basis. After the initial two-year period, District staff will assume the responsibility of monitoring these wells at least annually. In addition, one additional well will be added in each county, for a total of three wells to the system. For the purpose of water quality sampling, the samples collected for water quality taken by the Texas Commission on Environmental Quality staff every five years will be used for monitoring purposes initially, and

may be supplemented as determined by the Board in the future. All information collected will be entered into the District’s geodatabase.

Upon implementation of the groundwater monitoring program, District staff will provide updates concerning this program. This information is provided in a quarterly report to the Board of Directors in an effort to keep the Board apprised of all activities of the District required by the Plan, both current and future.

Performance Standard 1.2A (1) – Number of wells in Collin, Cooke and Denton Counties for which water levels were measured per year:

**Wells Measured**

**Table 1.2A**

<b>Year</b>	<b>Wells Measured</b>
2013	22
2014	31
2015	31

Texas Water Development Board (“TWDB”) staff inadvertently left the North Texas GCD wells on their listing of wells to be measured during 2015, 31 wells were measured by the TWDB staff, with seven being measured in Collin County, nine in Cooke County and fifteen measured in Denton County.

**Performance Standard 1.2A (2)** – Number of wells per year in Collin, Cooke and Denton Counties for which water samples were collected for testing of water quality: The Texas Commission on Environmental Quality provides a Consumer Confidence Report that provides consumers with information about the quality of drinking water. This data may be reviewed at [www.tceq.texas.gov/drinkingwater/ccr/](http://www.tceq.texas.gov/drinkingwater/ccr/) for water systems.

**Management Objective 1.2B** – In order to ensure the efficient use of groundwater, adequate data must be collected to facilitate groundwater availability modeling activities necessary to understand current groundwater resources and the projected availability of those resources in the future. Monitoring wells will be established by the District for continuous time information on water levels in targeted locations on a schedule as determined by the District’s Board of Directors, as funds become available.

**Performance Standard 1.2B** – Number of wells for which water levels in targeted locations will be available for viewing on the District’s website as they are established.

**Management Objective 1.3A** – All non-exempt wells are to be equipped with meters to measure use of groundwater. Meter logs with at least monthly records of water use are required to be kept by the well owner/operator. Cumulative water use to be reported by well owner/operator on a quarterly basis. General Manager will report to Board of Directors at the



first meeting practicable at the conclusion of each reporting period. District’s objective is that 95% of all registered non-exempt wells will report water use by the reporting deadlines established by the District’s rules.

**Performance Standard 1.3A** – Percentage of registered non-exempt wells meeting reporting requirements of water use:

**Percentage of Registered Non-Exempt Wells Meeting  
Reporting Requirements of Water Use**

**Table 1.3A**

Year	Percentage Meeting Reporting Requirements
2012	85
2013	89
2014	95
2015	96

**Management Objective 1.3B(1)** – A meter inspection program has been implemented by District staff, so that meters for all registered non-exempt wells will be inspected on at least a five-year cycle by District personnel. These inspections at a minimum verify proper installation and operational status of meters and record the meter reading at the time of inspection. This meter reading is compared to the most recent water use report for the inspected well. Any potential violation of District Rules regarding meter installation and reporting requirements will be reported to the Board of Directors at their next practicable meeting for consideration of possible enforcement actions.

**Management Objective 1.3B(2)** – Information containing annual water use, by registered well, by county, and by aquifer, will be included in the Annual Report presented by the General Manager. The report will include a comparison of reported water use versus the estimate of modeled available groundwater (the sum of exempt and permitted groundwater) established as a result of the Desired Future Conditions for aquifers in the District.

**Performance Standard 1.3B (1)** - Percentage of registered non-exempt wells inspected by District personnel annually to verify meters meet District requirements:

**Percentage of Registered Non-Exempt Wells  
Inspected Annually**

**Table 1.3B**

Year	Percentage of Wells Inspected
2012	74%
2013	6%
2014	21%
2015	24%

**Performance Standard 1.3B (2)**- Comparison of annual water use versus estimates of modeled available groundwater established as a result of the adopted Desired Future Conditions to be included in Annual Report provided by the General Manager at the first regularly scheduled meeting after which adopted Desired Future Conditions are available.

**Goal 2 – Controlling and preventing waste of groundwater**

**Management Objective 2.1A** – An outreach strategy is being developed for waste prevention. The District website provides a link containing Best Management Practices and helpful tips to control and prevent waste of groundwater. Outreach opportunities will be developed with regional and local water providers to increase public awareness for the prevention of groundwater waste. Presentations developed will be delivered by Board and staff to civic groups and other public opportunities regarding the mission of the District with a focus on the need to prevent waste of groundwater. In addition, the District staff distributed curriculum from the Texas Water Development (Major Rivers Program) regarding water conservation to 4<sup>th</sup> grade classes within the District.

**Performance Standard 2.1A (1)** – A link has been provided on the District website to Best Management Practices and helpful hints to control and prevent waste of groundwater.

The following is an excerpt of information available on the District website:

**Best Management Practices**

[TWDB Best Management Practices for Conservation](#)

[Agricultural Best Management Practices](#)

[Municipal Best Management Practices](#)

[Wholesale Supplier Best Management Practices](#)

2011 Region C Water Plan - Chapter 4 - Identification, Evaluation, and Selection of Water Management Strategies ([4A](#), [4B](#), [4C](#), [4D](#), [4E](#), [4F](#), [4G](#), [4H](#))

**Performance Standard 2.1A (2)** – Participation with regional and local water providers in public outreach opportunities will be reported in Annual Report presented by General Manager:

District staff distributed curriculum from the Texas Water Development (Major Rivers Program) regarding water conservation to 4<sup>th</sup> grade classes within the District.

**Performance Standard 2.1A (3)** – Number of total presentations made by Board and staff for the year will be provided by General Manager in Annual Report:

North Texas GCD General Manager provided two presentations during 2015 which included information regarding the need to prevent waste of groundwater. (March 2015 TSPE and May 2015 area water providers meeting). North Texas GCD President provided a presentation to the Farmersville Rotary Club in November 2015 which included information regarding the need to prevent waste of groundwater.

**Goal 3 – Controlling and preventing subsidence – not applicable to North Texas GCD**

**Goal 4 – Addressing conjunctive surface water management issues**

**Management Objective 4.1A** – Coordinating with surface water management agencies. Designated board member or General Manager shall attend a minimum of 75 percent of meetings and events of Region C Water Planning Group. Participation in the regional water planning process will ensure coordination with surface water management agencies that are participating in the regional water planning process.

**Performance Standard 4.1A** – Report on actions of Region C Water Planning Group shall be provided to the Board as appropriate. General Manager to document meetings attended and significant actions of the planning group in Annual Report.

General Manager Drew Satterwhite, P.E. attended three of the meetings held in 2015.

Region C Water Planning Group Meeting January 26, 2015 actions:

- Group adopted Errata #4 to *2011 Region C Water Plan*
- Discussion of Final Resolution of the Interregional Conflict between Region C and Region D regarding the Marvin Nichols Reservoir Water Management Strategy
- Authorized consultants to contact GMA-8 and GMA-12 regarding coordination of 2021 Managed Available Groundwater
- Set Public Hearing date for the *2016 Initially Prepared Region C Water Plan*
- Authorized the Trinity River Authority to post a Request for Qualifications for consultant work on the 2021 Region C Water Plan
- Changed political subdivision for Region C Water Planning Group from North Texas Municipal Water District to Trinity River Authority (“TRA”), approved updated By-Laws reflecting TRA as the political subdivision, amending Contract with the Texas Water Development Board (“TWDB”) to reflect change in political subdivision to TRA, approved Amendment #7 to contract with TWDB and corresponding contract amendments with consultants, authorized TRA to post notice of applying for regional planning funding from the TWDB, authorized TRA to submit application for fifth round regional water planning funds on behalf of the RCWPG, authorized TRA to execute contact with TWDB for fifth round of regional planning

- Approved use of safe yield for Dallas in 2016 Plan
- Approved minor amendment to *2011 Region C Water Plan* to support City of Bedford's request for minor amendment determination to allow applying for SWIFT loan, authorized King Engineering Associates, Inc. to submit a request on behalf of the City of Bedford to approve the minor amendment to the *2011 Region C Water Plan*
- Approved March 2015 newsletter

Region C Water Planning Group Meeting March 2, 2015

- Authorized revision to *Region C Water Plan* relating to final resolution of the Interregional Conflict between Region C and Region D regarding the Marvin D Nichols Reservoir Water Management Strategy to be submitted by Trinity River Authority ("TRA")
- Approved support of City of Fort Worth's Water Management Strategy for minor amendment to *2011 Region C Water Plan*

Region C Water Planning Group Meeting April 20, 2015

- Reviewed Scope of Work for the 5<sup>th</sup> Cycle (2017-2021) Regional Planning
- Approved and adopted Region C Initially Prepared Plan ("IPP") and authorized TRA to submit prior to Texas Water Development Board ("TWDB") May 1, 2015 deadline
- Approved and adopted Confidential Information Related to Emergency Interconnects, authorized TRA to submit to TWDB by May 1, 2015 deadline
- Approved request to TWDB to perform the Socioeconomic Analysis of Unmet Water Needs in Region C
- Approved and adopted minor amendment to the *Region C Water Plan* related to changed to conservation water management strategies for City of Bedford, authorized TRA to submit adopted amendment to TWDB for consideration
- Approved and adopted minor amendment to the *Region C Water Plan* related to changed to conservation water management strategies for City of Fort Worth, authorized TRA to submit adopted amendment to TWDB for consideration
- Ratified Amendment Number 7 of Contract between TWDB and TRA that was fully execute February 23, 2015
- Authorized TRA to contract with Freese and Nichols, Inc.
- Appointed Connie Standridge, Kevin Ward, Bill Ceverha, Russell Laughlin, Billy George, Dennis Qualls, and Wayne Owen to the Region C Subcommittee on SWIFT Prioritization
- Approved May 2015 newsletter be accomplished at a later date via email vote of RCWPG members

Region C Water Planning Group Meeting September 28, 2015

- Elected John Carman to fill Frank Crumb's position on the Region C Water Planning Group Board

- Elected John Lingenfelder to fill Thomas La Point's position on the Region C Water Planning Group Board
- Adopted proposed changes to Initially Prepared Plan
- Designated Jody Puckett, Kevin Ward, Mike Rickman and Wayne Owen to Mediation Committee and authorized consultants to make changes to Region C Water Plan if necessary relating to the Texas Water Development Board's finding of an interregional conflict between 2016 Region C and Region D Initially Prepared Plans
- Designated Sulphur River Basin Authority as a wholesale water provider
- Appointed Jody Puckett, Russell Laughlin, Kevin Ward, Steve Mundt and John Lingenfelder to the Nominating Committee for a slate of officers for 2016
- Selected Freese and Nichols, Inc. as consultant team for fifth round of regional planning
- Authorized Trinity River Authority ("TRA") to contact with Freese and Nichols for work performed associated with the fifth round of regional planning
- Authorized request to Texas Water Development Board ("TWDB") to allow use of Task 12 funds for reimbursement of Freese and Nichols, Inc. for work ordered by TWDB on the quantitative analysis of impacts of the proposed Marvin Nichols reservoir, and authorize TRA to amend contracts necessary to allow for this reimbursement

**Management Objective 4.2A** -- Designated technical representative of the District will monitor and participate in all stakeholder meetings of the ongoing and future Northern Trinity/Woodbine Aquifer and other meetings if necessary.

**Performance Standard 4.2A** – Report on activities of the ongoing Northern Trinity/Woodbine Aquifer stakeholder meetings provided to Board of Directors monthly by President Eddy Daniel.

#### **Goal 5 – Addressing natural resource issues**

##### **Management Objective 5.1 – Addressing potential impacts**

General Manager shall contact representatives of the Texas Railroad Commission, Texas Commission on Environmental Quality, Bureau of Economic Geology and other organizations as appropriate to assess and understand potential impacts of historic and on-going oil and gas exploration and production activities.

At the time the North Texas Groundwater Conservation District's Management Plan was developed, the Texas Commission on Environmental Quality was one of the contacts for potential impacts of historic and ongoing oil and gas exploration and production activities, and the Plan was drafted with the requirement that the District staff annually contact representatives of the Texas Railroad Commission, Texas Commission on Environmental Quality and Bureau of Economic Development. During the 2014 process of contacting these three agencies, TCEQ staff member Peggy Hunka informed District staff that conditions have changed, and the Texas Railroad Commission should currently be the only contact for the District for these activities. Ms. Hunka directed District staff to review the Joint Groundwater Monitoring

these activities. Ms. Hunka directed District staff to review the Joint Groundwater Monitoring Report available on the TCEQ website. District staff has added this report to the North Texas Groundwater Conservation District website under the Groundwater Information tab. This report is provided by the Texas Groundwater Protection Committee, which includes the following contributing state agencies and organizations:

Texas Commission on Environmental Quality  
Texas Water Development Board  
Railroad Commission of Texas  
Department of State Health Services  
Texas Department of Agriculture  
Texas State Soil and Water Conservation Board  
Texas Alliance of Groundwater Districts  
Texas A&M AgriLife Research  
Bureau of Economic Ecology  
Texas Department of Licensing and Regulation

Peggy Hunka indicated provision of this report on the District's website should satisfy this Management Objective in lieu of contacting the three agencies as set out in the original Management Plan, and suggested the Plan be updated in this manner. This report has been added to the District website, and the sections of the report relative to Collin, Cooke and Denton Counties has been provided in this report (Attachment B).

**Performance Standard 5.1A** – General Manager will present findings and any recommendations resulting from contacts with these entities as appropriate for the Board to consider.

Findings and recommendations resulting from these contacts for consideration by the Board during 2015: At this time there are no recommendations to be made. Joint Groundwater Monitoring Report has been added to District website, as requested by TCEQ staff member, and the sections relative to the North Texas Groundwater Conservation District (Collin, Cooke and Denton Counties) have been included as Attachment B to this Annual Report.

**Performance Standard 5.1B** – District will initiate and implement an injection well monitoring program by entering into an agreement with a firm that will monitor all injection well applications and notify the district of any potential impacts.

District has entered into an agreement, through the District's General Counsel, with a firm to monitor all injection well applications and notification of any potential impacts.

#### **Goal 6 – Addressing drought conditions**

**Management Objective 6.1A** - Provide ongoing and relevant drought-related meteorological information.

The District has made available through the District website easily accessible drought information with an emphasis on developing droughts and on any current drought conditions.

Performance Standard 6.1 – Current drought conditions information from multiple resources including Palmer Drought Severity Index for the region and Drought Preparedness Council Situation Report is available to the public on the District’s website.

The following is an excerpt of information available on the District website.

### **Drought Information Websites**

[Drought Sense](#)

[TWDB Drought Information](#)

[Drought Preparedness Council Situation Report](#)

[State Impact: Dried Out - Confronting the Texas Drought](#)

### **Articles**

[It's All the Same Water](#)

Texas Coop Power

[Water for All](#)

Texas Coop Power

[Water crisis conference scheduled in Amarillo](#)

Amarillo.com

[Area in extreme drought increases by size of Texas, report says](#)

CNN (blog)

[Texas farmers using smartphones to manage drought](#)

CBSNews

[Expert: East and Central producers with hay will likely hold onto it](#)

AgriLife Today

[Half of US counties now considered disaster areas](#)

Associated Press

[Texas agency warns it may curtail water rights](#)

CBS News

[TEXT-Fitch: small water utilities at risk if drought continues](#)

Reuters

[Texas part of growing drought in U.S. that rivals Dust Bowl years](#)

San Antonio Express

[What We Learned About Water in Texas at the 'Life By the Drop' Panel](#)

StateImpact Texas

[Stress on N. Texas groundwater eases, but elsewhere in state it's drier](#)

Fort Worth Star Telegram

[What We Learned About Water in Texas at the 'Life By the Drop' Panel](#)

StateImpact Texas

[That Sinking Feeling About Groundwater in Texas](#)

National Geographic

**Goal 7 – Addressing conservation, recharge enhancement, rainwater harvesting, precipitation enhancement, and brush control**

The District has reviewed this goal and determined that only conservation, rainwater harvesting and brush control are applicable to the District. The District has determined that a goal addressing recharge enhancement and precipitation enhancement would not be appropriate or cost effective, and therefore is not applicable to the District.

**Management Objective 7.1A** – Provide for water conservation.

**Performance Standard 7.1A** – Link to electronic library of water conservation resources supported by the Water Conservation Advisory Council is available on the District website.

The following is an excerpt of information available on the District website:

**Conservation**

**Conservation Tips:**

The NTGCD would like to encourage residents to conserve water. During fall and winter months, lawns in our region require much less irrigation as the grasses go dormant.

How much water do you use at your home? Estimate your daily and annual water use and learn methods to conserve water at the [Home Water Works site](#).

**Water Conservation Information Websites:**

[Texas Water Conservation Association](#)

[Texas Water Development Board](#)

[Water Conservation Advisory Council](#)

[Texas Water Foundation](#)

[Texas Water Conservation Association](#)

[Water IQ](#)

[Save Texas Water](#)

[Region C Water Conservation Tips](#)

[Region C Water Planning Group](#)

[HomeIntelligence At-Home Water Conservation Guide](#)

**Best Management Practices**

[TWDB Best Management Practices for Conservation](#)

[Agricultural Best Management Practices](#)

[Municipal Best Management Practices](#)

[Wholesale Supplier Best Management Practices](#)

2011 Region C Water Plan - Chapter 4 - Identification, Evaluation, and Selection of Water Management Strategies ([4A](#), [4B](#), [4C](#), [4D](#), [4E](#), [4F](#), [4G](#), [4H](#))



## Articles

[Water Is Life](#)

Texas Coop Power

[Private-public partnership aims to save water](#)

San Antonio Express

[Taking the Ick Factor Out of Recycled Water](#)

New York Times

[Agriculture commissioner urges water conservation](#)

Times Record News

[In wake of Texas drought, water and politics mix](#)

Austin American-Statesman

## Brochures

[A Watering Guide for Texas Landscapes](#)

[Water Conservation for Industries, Businesses and Institutions](#)

[Water Conserving Tips](#)

[Conserving Water Indoors](#)

[Conserving Water Outdoors](#)

[Agricultural Water Conservation Irrigation Water Use Management Best Management Practices](#)

[Agricultural Water Conservation Best Management Practices Overview](#)

## Brochures in Spanish

[Cuarenta Y Nueve Consejos Practicos Para Conservar Agua \(Forty-Nine Water Saving Tips\)](#)

[Xeriscape \(Xeriscape - Principles and Benefits\)](#)

[The Dillos Demonstrate Wordless Water Conservation](#)

**Management Objective 7.2A** – Addressing rainwater harvesting.

**Performance Standard 7.2A** – Link to rainwater harvesting resources at the TWDB is available on the District website.

The following is an excerpt of information available on the District website.

## Rainwater Harvesting

[TWDB Rainwater Harvesting Information](#)

[Texas Water by Texas A&M](#)

[TWDB Manual on Rainwater Harvesting](#)

## Articles

Save It for a Sunny Day

Texas Coop Power

**Management Objective 7.3A** – Educate public on importance of brush control as it related to water table consumption.

**Performance Standard 7.3A** – Link has been provided to information concerning brush control on the District website.

The following is an excerpt of information available on the District website.

### **Brush Control**

State Water Supply Enhancement Plan (July 2014)

Texas State Soil and Water Conservation Board

AgriLife Extension Texas A&M System Brush Control Program

### **Goal 8 – Achieving Desired Future Conditions of groundwater resources**

**Management Objective 8.1A** – Continuous review to work towards achieving Desired Future Conditions. Statute requires groundwater conservation districts to review, amend as necessary, and re-adopt Management Plans at least every five years. Beginning with the Annual Report presented by the General Manager at the first regularly scheduled meeting in 2013 and every year thereafter, the General Manager will present a summary report on the status of achieving the adopted Desired Future Conditions (“DFC”). Four years after the adoption of the Plan the General Manager will work with the Board to conduct a focused review to determine if any elements of the Plan or Rules need to be amended in order to achieve the adopted DFC, or if the adopted DFC need to be revised to better reflect the needs of the District.

**Performance Standard 8.1A** – Beginning with Annual Report presented by General Manager at January 2013 meeting (or first meeting in 2013) and every year thereafter, General Manager shall present a summary report on the status of achieving the adopted Desired Future Conditions.

Until completion of the updated information on the Northern Trinity/Woodbine GAM Overhaul Project, the information necessary to determine the status of achieving the adopted Desired Future Conditions will not be available.

**Performance Standard 8.1B** – Beginning four years after adoption of the Plan, General Manager will work with Board of Directors to conduct a focused review to determine if any elements of this Plan or the District Rules need to be amended to achieve the adopted Desired Future Conditions, or if the Desired Future Conditions need to be reviewed/revised to better reflect the needs of the District. Possible results of the five-year review: (1) determination that current Plan and Rules are working effectively to achieve Desired Future Conditions, (2) specific amendments

the District, or (4) a combination of (2) and (3). This determination to be made at a regularly scheduled meeting of the Board of Directors no later than five years after adoption of the Plan.

The North Texas Groundwater Conservation District has participated with Upper Trinity Groundwater Conservation District, Northern Trinity Groundwater Conservation District and Prairielands Groundwater Conservation District in updating the Groundwater Availability Model of the Northern Trinity/Woodbine Aquifers. President Eddy Daniel is Chairman of the GMA8 Group, which will be responsible for establishing the Desired Future Condition levels by May 2016.

# **ATTACHMENT A**

## **Annual Financial Report**

**NORTH TEXAS GROUNDWATER  
CONSERVATION DISTRICT**

**ANNUAL FINANCIAL REPORT**

**DECEMBER 31, 2014**

**NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT  
FOR THE YEAR ENDED DECEMBER 31, 2014  
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Members:  
AMERICAN INSTITUTE OF  
CERTIFIED PUBLIC  
ACCOUNTANTS  
TEXAS SOCIETY OF CERTIFIED  
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**HANKINS, EASTUP, DEATON,  
TONN & SEAY**  
A PROFESSIONAL CORPORATION  

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**CERTIFIED PUBLIC ACCOUNTANTS**

902 NORTH LOCUST  
P.O. BOX 977  
DENTON, TX 76202-0977

TEL. (940) 387-8563  
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## INDEPENDENT AUDITORS' REPORT

Members of the Board of Directors  
North Texas Groundwater Conservation District  
5100 Airport Drive  
Denison, TX 75020

We have audited the accompanying financial statements of the governmental activities and each major fund of North Texas Groundwater Conservation District (the "District"), as of and for the year ended December 31, 2014, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

### **Management's Responsibility for the Financial Statements**

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America. This includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### **Auditor's Responsibility**

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standard* issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

### **Opinions**

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities and each major fund of North Texas Groundwater Conservation District as of December 31, 2014, and the respective changes in financial position and the respective budgetary comparison for the General Fund for the year then ended in accordance with accounting principles generally accepted in the United States of America.

## Other Matters

### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the *management's discussion and analysis* on pages 4 through 8 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

### *Other Information*

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise North Texas Groundwater Conservation District's basic financial statements. The other supplementary information listed in the table of contents is presented for purposes of additional analysis and is not a required part of the basic financial statements. The other supplementary information is the responsibility of management and was derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the other supplementary information is fairly stated in all material respects in relation to the basic financial statements as a whole.

### **Other Reporting Required by *Government Auditing Standards***

In accordance with *Government Auditing Standards*, we have also issued our report dated May 18, 2015 on our consideration of North Texas Groundwater Conservation District's internal control over financial reporting and on our test of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering North Texas Groundwater Conservation District's internal control over financial reporting and compliance.

*Hankins, Eastup, Deaton, Tonn & Seay*

Hankins, Eastup, Deaton, Tonn & Seay, PC  
Denton, Texas

May 18, 2015



**MANAGEMENT'S DISCUSSION & ANALYSIS**

# NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT

## MANAGEMENT'S DISCUSSION AND ANALYSIS DECEMBER 31, 2014

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As management of North Texas Groundwater Conservation District, we offer readers of the District's financial statement this narrative overview and analysis of the financial activities of the District for the year ended December 31, 2014. Please read this narrative in conjunction with the independent auditors' report on page 1, and the District's Basic Financial Statements that begin on page 10.

### FINANCIAL HIGHLIGHTS

- The assets of North Texas Groundwater Conservation District exceeded its liabilities at the close of the fiscal year by \$576,168 (Total Net Position). Of this amount, \$560,407 is unrestricted and may be used to meet the District's ongoing obligations and responsibilities to taxpayers and creditors.
- The District's net position increased by \$203,950, from \$372,218 in the prior year to \$576,168 as of December 31, 2014.
- At December 31, 2014, the District had a \$1,095,854 total fund balance in its General Fund, representing a \$120,282 or 9.9% decrease from the \$1,216,136 fund balance in the previous year. \$1,091,752 of the fund balance is unassigned, constituting 125% of the \$874,903 in General Fund expenditures for the year.

### OVERVIEW OF THE FINANCIAL STATEMENTS

The management discussion and analysis is intended to serve as an introduction to North Texas Groundwater Conservation District's basic financial statements. The District's basic financial statements are comprised of three components: 1) government-wide financial statements, 2) fund financial statements, and 3) notes to the financial statements. This report also contains other supplementary information in addition to the basic financial statements themselves.

**Government-wide Financial Statements:** The government-wide financial statements are designed to provide readers with a broad overview of the District's finances, in a manner similar to a private-sector business.

The Statement of Net Position presents information on all of North Texas Groundwater Conservation District's assets and liabilities, with the difference between the two reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the District is improving or deteriorating. Evaluation of the overall economic health of the District would extend to other nonfinancial factors such as diversification of the taxpayer base or the condition of District infrastructure in addition to the financial information provided in this report.

The Statement of Activities presents information showing how the District's net position changed during the fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. An important purpose of the design of the statement of activities is to show the financial reliance of the District's distinct activities or functions on revenues provided by the District's taxpayers.

# NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT

## MANAGEMENT'S DISCUSSION AND ANALYSIS DECEMBER 31, 2014

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The purpose of the District is to help accomplish the objectives set forth in Article XVI, Section 59 of the Texas Constitution related to the conservation and development of water resources of the State of Texas. With many other governmental entities, the aforementioned government-wide financial statements normally identify and distinguish between either governmental activities supported by general revenues and fees or business-type activities which are typically self-supported by user fees and charges. Both government-wide financial statements consist of one government fund principally supported by groundwater usage fees. The District has no business-type activities.

The governmental-wide financial statements can be found on pages 10 and 11 of this report.

**Fund Financial Statements:** A fund is a grouping of related accounts used to maintain control over resources that have been segregated for specific activities or objectives. Depending upon their reporting needs and requirements, governmental entities utilize three types of funds, including governmental funds, proprietary funds, and fiduciary funds. The North Texas Groundwater Conservation District uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. Since the District has no legitimate need or requirement to have either proprietary or fiduciary funds, all of its funds are maintained and reported as governmental funds.

Governmental funds are used to account for essentially the same functions reported as governmental activities in the government-wide financial statements. However, unlike the government-wide financial statements, governmental fund financial statements focus on near-term inflows and outflows of spendable resources, as well as on balances of spendable resources available at the end of the fiscal year. Such information may be useful in evaluating a government's near-term financing requirements.

Because the focus of governmental funds is narrower than that of the government-wide financial statements, it is useful to compare the information presented for governmental funds with similar information presented for governmental activities in the government-wide financial statements. By doing so, the reader may better understand the long-term impact of the government's near-term financing decisions. Both the governmental fund balance sheet and the governmental fund statement of revenues, expenditures, and changes in fund balances provide a reconciliation to facilitate this comparison between governmental funds and governmental activities.

The District maintains a single governmental fund, its General Fund. The General Fund is used to account for the acquisition and use of the District's spendable financial resources and the related liabilities.

The government fund financial statements can be found on pages 12 and 14 of this report.

The District adopts an annual appropriated budget for its General Fund. A budgetary comparison statement has been provided for the General Fund to demonstrate compliance with this budget. It can be found in the "Basic Financial Statements" section of this report.

**NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT**

**MANAGEMENT'S DISCUSSION AND ANALYSIS  
DECEMBER 31, 2014**

**Notes to the Basic Financial Statements:** The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements. The notes to the financial statements can be found on pages 17-24 of this report.

**Other Information:** In addition to the basic financial statements and accompanying notes, this report also presents certain other supplementary information. Supplementary information follows the notes to the financial statements.

**GOVERNMENT-WIDE FINANCIAL ANALYSIS**

**Net Position:** As noted earlier, net position may serve over time as a useful indicator of a government's financial position. As of December 31, 2014, the North Texas Groundwater Conservation District's assets exceeded liabilities by \$576,168.

At December 31, 2014, \$1,214,707 in total assets were recorded. Of that amount, current and other assets (cash, receivables, and prepaid expenses) represented 98.7% and capital assets (vehicle and equipment) constituted 1.3%.

Total liabilities at year end equaled \$638,539, \$502,530 of which consisted of long-term debt.

Of the \$576,168 in total net position, 3% or \$15,761 is in capital assets. The District uses these capital assets to carry out its responsibilities and to provide information and services to citizens and the taxpayers which support the District. Capital assets are non-liquid and cannot be used to satisfy District obligations. The unrestricted net position total of \$560,407 may be used to meet the District's ongoing obligations and responsibilities.

Net Position

	<u>Governmental Activities</u>	
	<u>2014</u>	<u>2013</u>
<b>Assets:</b>		
Current assets	\$1,198,946	\$ 1,256,848
Capital assets (net of depreciation)	<u>15,761</u>	<u>11,082</u>
Total Assets	<u>1,214,707</u>	<u>1,267,930</u>
<b>Liabilities:</b>		
Current liabilities	347,379	393,182
Long-term liabilities	<u>291,160</u>	<u>502,530</u>
Total Liabilities	<u>638,539</u>	<u>895,712</u>
<b>Net Position:</b>		
Net investment in capital assets	15,761	11,082
Unrestricted	<u>560,407</u>	<u>361,136</u>
Total Net Position	<u>\$ 576,168</u>	<u>\$ 372,218</u>

**NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT**

**MANAGEMENT'S DISCUSSION AND ANALYSIS  
DECEMBER 31, 2014**

**Governmental Activities:** The following table provides a summary of the District's operations for the years ended December 31, 2014 and 2013.

	<u>2014</u>	<u>2013</u>
<b>Changes in Net Position</b>		
Program Revenues:		
Charges for Services	\$ 752,662	\$ 828,283
General Revenues:		
Interest Income	<u>1,959</u>	<u>1,367</u>
Total Revenues	<u>754,621</u>	<u>829,650</u>
Expenditures By Governmental Activity:		
Administration	518,896	453,684
Debt Service - interest	<u>31,775</u>	<u>24,896</u>
Total Expenditures	<u>550,671</u>	<u>474,580</u>
Change In Net Position	203,950	351,070
Net Position – Beginning	372,218	(18,063)
Prior Period Adjustment	-	<u>39,211</u>
Net Position – Ending	<u>\$ 576,168</u>	<u>\$ 372,218</u>

**FINANCIAL ANALYSIS OF GOVERNMENTAL FUNDS**

**Governmental Funds:** The focus of North Texas Groundwater Conservation District's governmental funds is to provide information on near-term inflows, outflows, and balances of spendable resources. Such information is useful in assessing the District's financing and budgeting requirements. In particular, the unassigned fund balance may serve as a useful measure of the District's net resources available for spending at the end of the fiscal year.

At December 31, 2014, the District has a \$1,095,854 total fund balance. This is 10% lower than the \$1,216,136 prior-year fund balance – primarily due to significant debt service loan repayments in 2014. \$1,091,752 of the fund balance is unassigned.

**General Fund Budgetary Highlights:** There were two amendments to the originally adopted budget during the year. Actual expenditures for the year ended December 31, 2014 were \$874,903, that being \$7,058 or 0.8% less than the \$881,961 budgeted for the year.

Actual revenues for the year were \$754,621 or 106.9% of the budgeted revenues for the year.

**NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT**

**MANAGEMENT'S DISCUSSION AND ANALYSIS  
DECEMBER 31, 2014**

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**CAPITAL ASSET AND DEBT ADMINISTRATION**

**Capital Assets:** The District's investment in capital assets for its governmental activities as of December 31, 2014 amounted to \$15,761 (net of accumulated depreciation). This represents a \$4,679 increase over the previous fiscal year. Capital asset additions during the year consisted of some well monitoring equipment. The following table portrays the District's mix of capital assets at December 31, 2014:

Vehicles	\$8,707
Equipment	<u>7,054</u>
	<u>\$15,761</u>

**Debt Administration:** At the end of the year, the District had \$502,530 in long-term debt, consisting of loans payable to the three counties in which the District operates.

**ECONOMIC FACTORS AND NEXT YEAR'S BUDGET AND RATES**

For fiscal year 2015 the District's latest adopted budget shows total anticipated expenditures of \$654,400, a \$220,503 decrease from total actual expenditures of \$874,903 in fiscal year 2014. The majority of the decrease is attributable to an expected decrease in consultant costs, as well as a decrease in debt service payments on the District's outstanding loans. Rates assessed groundwater users are not expected to increase for fiscal year 2015.

**REQUEST FOR INFORMATION**

This financial report is designed to provide a general overview of the District's finances, comply with finance-related laws and regulations, and demonstrate the District's commitment to public accountability. If you have any questions about this report or would like to request additional information, contact Drew Satterwhite, General Manager of the District, at 5100 Airport Drive, Denison, TX 75020, (855) 426-4433.

## **BASIC FINANCIAL STATEMENTS**

NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT

STATEMENT OF NET POSITION  
DECEMBER 31, 2014

	<u>Governmental Activities</u>
<u>Assets</u>	
Current Assets:	
Cash and Cash Equivalents	\$ 979,195
Accounts Receivable	190,642
Other Receivables	25,007
Prepaid Expenses	4,102
Total Current Assets	<u>1,198,946</u>
Capital Assets:	
Vehicle and Equipment, net	<u>15,761</u>
Total Capital Assets	<u>15,761</u>
Total Assets	<u>1,214,707</u>
<u>Liabilities</u>	
Current Liabilities:	
Accounts Payable	76,461
Well Driller Deposits	26,631
Interest Payable	10,447
Unearned Revenue	22,470
Current Portion of Long-Term Debt	211,370
Total Current Liabilities	<u>347,379</u>
Non-Current Liabilities:	
Long-term Debt, less current portion	<u>291,160</u>
Total Non-Current Liabilities	<u>291,160</u>
Total Liabilities	<u>638,539</u>
<u>Net Position</u>	
Net Investment in Capital Assets	15,761
Unrestricted	
Unreserved	<u>560,407</u>
Total Net Position	<u>\$ 576,168</u>

The accompanying notes are an integral part of this statement.



**NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT**

**STATEMENT OF ACTIVITIES  
FOR THE YEAR ENDED DECEMBER 31, 2014**

<u>Program Activities</u>	<u>Expenses</u>	<u>Program Revenues</u>		<u>Net (Expenses)</u>
		<u>Charges for Services</u>	<u>Operating Grants and Contributions</u>	<u>Revenue and Changes in Net Position</u>
Governmental activities				
Administration	\$ 518,896	\$ 752,662	\$ -	\$ 233,766
Debt Service - interest	<u>31,775</u>	<u>-</u>	<u>-</u>	<u>(31,775)</u>
				-
Total Government Activities	<u>550,671</u>	<u>752,662</u>	<u>-</u>	<u>201,991</u>
Total Primary Government	<u>\$ 550,671</u>	<u>\$ 752,662</u>	<u>\$ -</u>	<u>201,991</u>
			General Revenues:	
			Interest income	<u>1,959</u>
			Total General Revenues	<u>1,959</u>
			Change in Net Position	203,950
			Net Position – beginning of year	<u>372,218</u>
			Net Position – end of year	<u>\$ 576,168</u>

The accompanying notes are an integral part of this statement.

**NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT**

**BALANCE SHEET  
DECEMBER 31, 2014**

	<u>General Fund</u>
<u><b>Assets</b></u>	
Current Assets:	
Cash and Cash Equivalents	\$ 979,195
Accounts Receivables	190,642
Other Receivables	25,007
Prepaid Costs	4,102
Total Current Assets	<u>1,198,946</u>
 Total Assets	 <u>\$ 1,198,946</u>
 <u><b>Liabilities</b></u>	
Current Liabilities:	
Accounts Payable	\$ 76,461
Well Driller Deposits	26,631
Total Current Liabilities	<u>103,092</u>
 Total Liabilities	 <u>103,092</u>
 Fund Balance:	
Nonspendable Fund Balance:	
Prepaid Costs	4,102
Unassigned Fund Balance	1,091,752
Total Fund Balances	<u>1,095,854</u>
 Total Liabilities and Fund Balance	 <u>\$ 1,198,946</u>

The accompanying notes are an integral part of this statement.

**NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT**

**RECONCILIATION OF THE GOVERNMENTAL FUND  
BALANCE SHEET TO STATEMENT OF NET POSITION  
DECEMBER 31, 2014**

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Total fund balance – governmental fund	\$ 1,095,854
Amounts reported for governmental activities in the statement of net position are different because:	
Capital assets (net of accumulated depreciation) used in governmental activities are not current financial resources and therefore are not reported in the governmental fund balance sheet.	15,761
Long-term debt, including loans payable, are not due and payable in the current period and therefore are not reported in the fund financial statements.	(502,530)
Interest payable on long-term debt is not reported in the fund financial statements	<u>(32,917)</u>
Total net position - governmental activities	<u>\$ 576,168</u>

The accompanying notes are an integral part of this statement.

**NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT**

**STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE  
FOR THE YEAR ENDED DECEMBER 31, 2014**

	General Fund
<b>Revenues:</b>	
Groundwater Usage Fees	\$ 692,003
Well Registration Fees	15,500
Well Driller Deposit Forfeitures	2,400
GMA8 Fees	35,407
Interest Earned	1,959
Penalties and Late Charges	<u>7,352</u>
Total Revenues	<u>754,621</u>
<b>Expenditures:</b>	
Administrative - General Manager	43,900
Administrative - Secretarial & Clerical	52,882
Administrative - Project Coordinator	8,325
Administrative - Operations	6,448
Field Technicians	57,285
Consultants	167,423
Water Quality Analysis	32,058
Accounting and Auditing	28,892
Legal	63,813
Software Maintenance	8,087
Direct Costs Reimbursed	3,577
Insurance	3,821
Vehicle Costs	5,246
Office Rent	2,400
Telephone	1,766
GMA8 Costs	44,900
Legal Notices	468
Dues and Subscriptions	1,895
Meetings and Conferences	2,329
Small Equipment	1,631
Capital Outlay	7,757
Debt Service	<u>330,000</u>
Total Expenditures	<u>874,903</u>
Excess (deficit) of revenues over expenditures and net change in fund balance	(120,282)
Fund balance at beginning of year	<u>1,216,136</u>
Fund balance at end of year	<u>\$1,095,854</u>

The accompanying notes are an integral part of this statement.

**NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT**

**RECONCILIATION OF THE STATEMENT OF REVENUES,  
EXPENDITURES AND CHANGES IN FUND BALANCE OF THE  
GOVERNMENTAL FUND TO THE STATEMENT OF ACTIVITIES  
YEAR ENDED DECEMBER 31, 2014**

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Net change in fund balance – total governmental fund	\$ (120,282)
Amounts reported for governmental activities in the statement of activities are different because:	
Capital outlay purchases are reported as expenditures in the statement of activities, but are recorded as capital assets in the government-wide statements.	7,757
Depreciation expense on capital assets is reported in the statement of activities, but does not require the use of current financial resources. Therefore, depreciation expense is not reported as expenditures in the governmental funds.	(3,078)
Principal payments on long-term debt are expenditures in the governmental funds but are considered a reduction of long-term debt balances in the government-wide statements.	263,502
Current year change in interest payable does not require the use of current financial resources; therefore, is not reported as an expenditure in governmental funds.	<u>56,051</u>
Change in net position of governmental activities	<u>\$ 203,950</u>

The accompanying notes are an integral part of this statement.

**NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT**

**BUDGETARY COMPARISON SCHEDULE - GENERAL FUND  
FOR THE YEAR ENDED DECEMBER 31, 2014**

	Budget		Actual	Variance Positive/ (Negative)
	Original	Final		
<b>Revenues:</b>				
Groundwater Usage Fees	\$ 600,000	\$ 650,000	\$ 692,003	\$ 42,003
Well Registration Fees	2,500	14,000	15,500	1,500
Well Driller Deposit Forfeitures	-	-	2,400	2,400
GMA8 Fees	20,000	42,000	35,407	(6,593)
Interest Earned	-	-	1,959	1,959
Penalties and Late Charges	-	-	7,352	7,352
<b>Total Revenues</b>	<b>622,500</b>	<b>706,000</b>	<b>754,621</b>	<b>48,621</b>
<b>Expenditures:</b>				
Administrative - General Manager	44,000	44,000	43,900	100
Administrative - Secretarial & Clerical	52,000	52,000	52,882	(882)
Administrative - Project Coordinator	8,000	8,000	8,325	(325)
Administrative - Operations	6,000	6,000	6,448	(448)
Field Technicians	55,000	55,000	57,285	(2,285)
Consultants	140,000	171,210	167,423	3,787
Water Quality Analysis	-	32,058	32,058	-
Accounting and Auditing	25,000	29,975	28,892	1,083
Legal	15,000	60,000	63,813	(3,813)
Software Maintenance	7,800	7,800	8,087	(287)
Direct Costs Reimbursed	4,500	4,000	3,577	423
Insurance	5,000	5,000	3,821	1,179
Vehicle Costs	4,000	3,000	5,246	(2,246)
Office Rent	2,400	2,400	2,400	-
Telephone	2,000	2,000	1,766	234
GMA8 Costs	1,818	53,718	44,900	8,818
Legal Notices	1,000	500	468	32
Dues and Subscriptions	1,000	1,600	1,895	(295)
Meetings and Conferences	1,500	2,200	2,329	(129)
Small Equipment	-	2,000	1,631	369
Capital Outlay	-	9,500	7,757	1,743
Debt Service	150,000	330,000	330,000	-
<b>Total Expenditures</b>	<b>526,018</b>	<b>881,961</b>	<b>874,903</b>	<b>7,058</b>
<b>Excess (deficit) of revenues over expenditures and net change in fund balance</b>	<b>96,482</b>	<b>(175,961)</b>	<b>(120,282)</b>	<b>55,679</b>
<b>Fund balance at beginning of year</b>	<b>1,216,136</b>	<b>1,216,136</b>	<b>1,216,136</b>	<b>-</b>
<b>Fund balance at end of year</b>	<b>\$ 1,312,618</b>	<b>\$ 1,040,175</b>	<b>\$ 1,095,854</b>	<b>\$ 55,679</b>

The accompanying notes are an integral part of this statement.

# NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT

## NOTES TO BASIC FINANCIAL STATEMENTS DECEMBER 31, 2014

---

### NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

#### General

The basic financial statements of the North Texas Groundwater Conservation District (District) have been prepared in conformity with accounting principles generally accepted in the United States of America (GAAP) applicable to government units. The Governmental Accounting Standards Board (GASB) is the accepted standard setting body for establishing governmental accounting and financial reporting principles.

The North Texas Groundwater Conservation District (District), is a political subdivision of the State of Texas, created under the authority of Article XVI, Section 59, Texas Constitution, and operating pursuant to the provisions of the Texas Water Code, Chapter 36, and Senate Bill 2497, Acts of the 81<sup>st</sup> Texas Legislature, Regular Session, 2010. The District encompasses the North Texas counties of Collin, Cooke, and Denton. The Board of Directors (Board), a nine member group constituting an on-going entity, is the level of government which has governance responsibilities over all activities within the jurisdiction of the District. The Board is not included in any other governmental "reporting entity" as defined in Section 2100, Codification of Governmental Accounting and Reporting Standards, since Board members are appointed, have decision making authority, the power to designate management, the responsibility to significantly influence operations and primary accountability for fiscal matters. The purpose of the District is to help accomplish the objectives set for in Article XVI, Section 59 of the Texas Constitution related to the conservation and development of water resources of the State of Texas.

#### Reporting Entity

In evaluating how to define the District, for financial reporting purposes, management has considered all potential component units. The decision not to include a potential component unit in the reporting entity was made by applying the criterion set forth in GAAP. The basic but not the only criterion for including a potential component unit within the reporting entity is the governing body's ability to exercise oversight responsibility. The most significant manifestation of this ability is financial interdependency. Other manifestations of the ability to exercise oversight responsibility include, but are not limited to, the selection of governing authority, the designation of management, the ability to influence operations and accountability for fiscal matters. The other criterion used to evaluate potential component units for inclusion or exclusion from the reporting entity is the existence of special financing relationships, regardless of whether the District is able to exercise oversight responsibilities. Based upon the application of these criteria, no potential component units have been included in this report. The District has no ability to exercise influence or control any other government unit's operations, budgets, or funding.

#### Basis of Presentation

The government-wide financial statements (the statement of net position and the statement of activities) report information on all of the activities of the District. Governmental activities, which normally are supported by taxes, intergovernmental revenues, and other non-exchange transactions are reported separately from business-type activities, which rely to a significant extent on fees and charges for support.

# NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT

NOTES TO FINANCIAL STATEMENTS (continued)  
DECEMBER 31, 2014

---

## **NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

### **Basis of Presentation – continued**

The statement of activities demonstrates the degree to which the direct expenses of a given program are offset by program revenues. Direct expenses are those that are clearly identifiable with a specific program. Program revenues include 1) charges to customers or applicants who purchase, use, or directly benefit from goods, services, or privileges provided by a given program and 2) operating or capital grants and contributions that are restricted to meeting the operational or capital requirements of a particular program. Other items not properly included among program revenues are reported instead as general revenues.

### **Fund Financial Statements:**

The District segregates transactions related to certain functions or activities in separate funds in order to aid financial management and to demonstrate legal compliance. Separate statements are presented for governmental and proprietary activities. These statements present each major fund as a separate column on the fund financial statements; all non-major funds are aggregated and presented in a single column. The District has no proprietary activities, or non-major funds.

Governmental funds are those funds through which most governmental functions typically are financed. The measurement focus of governmental funds is on the sources, uses and balance of current financial resources. The District has presented the following major governmental fund:

### **General Fund**

The General Fund is the main operating fund of the District. This is a budgeted fund and is used to account for the acquisition and use of the District's expendable financial resources and the related liabilities. The measurement focus is based upon determination of changes in financial position rather than upon net income determination.

### **Measurement Focus/Basis of Accounting**

Measurement focus refers to what is being measured; basis of accounting refers to when revenues and expenditures are recognized in the accounts and reported in the financial statements. Basis of accounting relates to the timing of the measurement made, regardless of the measurement focus applied.

The government-wide statements are reported using the economic resources measurement focus and the accrual basis of accounting. The economic resources measurement focus means all assets and liabilities (whether current or non-current) are included on the statement of net position and the operating statements present increases (revenues) and decreases (expenses) in net total position. Under the accrual basis of accounting, revenues are recognized when earned. Expenses are recognized at the time the liability is incurred.



**NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT**

NOTES TO FINANCIAL STATEMENTS (continued)  
DECEMBER 31, 2014

---

**NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

**Measurement Focus/Basis of Accounting – continued**

Governmental fund financial statements are reported using the current financial resources measurement focus and are accounted for using the modified accrual basis of accounting. Under the modified accrual basis of accounting, revenues are recognized when susceptible to accrual; i.e., when they become both measurable and available. "Measurable" means the amount of the transaction can be determined and "available" means collectible within the current period or soon enough thereafter to be used to pay liabilities of the current period. For this purpose, the District considers revenues to be available if they are collected within 90 days of the end of the current fiscal year. Expenditures are recorded when the related fund liability is incurred. However, debt service expenditures, as well as expenditures related to compensated absences are recorded only when payment is due.

Assessments are recognized under the susceptible to accrual concept. Interest income is recorded as earned, since it is measurable and available.

**Budgetary Data**

The District uses the following procedures in establishing the budget reflected in the general purpose financial statements:

1. Prior to the beginning of each fiscal year, the Board of Directors is presented with a proposed budget for the year beginning on the following January 1. The budget includes proposed expenditures and the means of financing them. The budget is legally enacted through passage of a resolution.
2. Public hearings are conducted to obtain citizen's comments.
3. An annual budget is legally adopted for the General Fund. The budget is adopted on a basis consistent with accounting principles generally accepted in the United States of America.
4. Revisions to the budget that alter General Fund expenditures must be approved by the Board of Directors. The fund level is the legal level of budgetary control. Appropriations lapse at year-end.
5. Original budgeted amounts presented in the budgetary comparison schedule are as originally adopted by the Board of Directors. The final amended budget is as amended by the Board during the year.

# NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT

## NOTES TO FINANCIAL STATEMENTS (continued) DECEMBER 31, 2014

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### NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Capital Assets

Capital assets, which can include land, buildings, vehicles, furniture and equipment, are reported in government-wide financial statements. All capital assets are valued at historical cost or estimated historical cost if actual historical cost is not available. Donated assets are valued at their fair market value on the date donated. Repairs and maintenance are recorded as expenses. Renewals and betterments are capitalized.

Assets capitalized have an original cost of \$500 or more and over one year of useful life. Depreciation has been calculated on each class of depreciable property using the straight-line method. The District's capital assets at December 31, 2014 consists solely of a vehicle and field equipment that are being depreciated over a 7 year estimated useful life.

#### Cash and Cash Equivalents

The District's cash and cash equivalents are considered to be cash on hand, demand deposits, and short-term investments with original maturities of three months or less from the date of acquisition. Investments are carried at fair value or cost, if maturities are one year or less. Fair value is determined as the price at which two willing parties would complete an exchange.

#### Fund Balance

The District has implemented GASB Statement No. 54, "Fund Balance Reporting and Governmental Fund Type Definitions." This Statement provides more clearly defined fund balance categories to make the nature and extent of the constraints placed on a government's fund balances more transparent.

Fund Balance Classification: The governmental fund financial statements present fund balances based on classifications that comprise a hierarchy that is based primarily on the extent to which the District is bound to honor constraints on the specific purposes for which amounts in the respective governmental funds can be spent. The classifications used in the governmental fund financial statements are as follows:

- Nonspendable: This classification includes amounts that cannot be spent because they are either (a) not in spendable form or (b) are legally or contractually required to be maintained intact. The District has classified prepaid items as being nonspendable as these items are not expected to be converted to cash.
- Restricted: This classification includes amounts for which constraints have been placed on the use of the resources either (a) externally imposed by creditors, grantors, contributors, or laws or regulations of other governments, or (b) imposed by law through constitutional provisions or enabling legislation. The District had no restricted fund balances at December 31, 2014.

# NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT

NOTES TO FINANCIAL STATEMENTS (continued)  
DECEMBER 31, 2014

---

## **NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

- **Committed:** This classification includes amounts that can be used only for specific purposes pursuant to constraints imposed by formal action of the District's Board of Directors. The Board of Directors establishes (and modifies or rescinds) fund balance commitments by passage of a resolution. This can also be done through adoption and amendment of the budget. These amounts cannot be used for any other purpose unless the Board removes or changes the specified use by taking the same type of action that was employed when the funds were initially committed. This classification also includes contractual obligations to the extent that existing resources have been specifically committed for use in satisfying those contractual requirements. The District had no committed fund balances at December 31, 2014.
- **Assigned:** This classification includes amounts that are constrained by the District's intent to be used for a specific purpose but are neither restricted nor committed. This intent can be expressed by the Board of Directors or through the Board delegating this responsibility to other individuals in the District. The District had no assigned fund balances at December 31, 2014.
- **Unassigned:** This classification includes all amounts not included in other spendable classifications, including the residual fund balance for the General Fund.

### **Net Position**

Net position represents the difference between assets and liabilities. Net position invested in capital assets consists of capital assets, net of accumulated depreciation, reduced by the outstanding balances of any borrowing used for the acquisition, construction or improvements of those assets, and adding back unspent proceeds. Net position is reported as restricted when there are limitations imposed on their use either through the enabling legislations adopted by the District or through external restrictions imposed by creditors, grantors or laws or regulations of other governments.

## **NOTE 2 – DEPOSITS AND INVESTMENTS WITH FINANCIAL INSTITUTIONS**

The District's funds are deposited and invested in Independent Bank, McKinney, TX. The bank deposits for safekeeping and trust with the District's agent bank approved pledged securities in an amount sufficient to protect District funds on a day-to-day basis. The pledge of approved securities is waived only to the extent of the bank's dollar amount of Federal Deposit Insurance Corporation ("FDIC") insurance.

### **1. Cash Deposits:**

At December 31, 2014, the carrying amount of the District's deposits in checking accounts and interest-bearing accounts was \$979,195 and the bank balance was \$987,551. The District's cash deposits at December 31, 2014 were entirely covered by FDIC insurance or pledged collateral.

# NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT

## NOTES TO FINANCIAL STATEMENTS (continued) DECEMBER 31, 2014

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### 2. Investments:

The Public Funds Investment Act (Government Code Chapter 2256) contains specific provisions in the areas of investment practices, management reports and establishment of appropriate policies. Among other things, it requires the District to adopt, implement, and publicize an investment policy. That policy must address the following areas: (1) safety of principal and liquidity, (2) portfolio diversification, (3) allowable investments, (4) acceptable risk levels, (5) expected rates of return, (6) maximum allowable stated maturity of portfolio investments, (7) maximum average dollar-weighted maturity allowed based on the stated maturity date for the portfolio, (8) investment staff quality and capabilities, (9) and bid solicitation preferences for certificates of deposit. Statutes authorize the District to invest in (1) obligations of the U.S. Treasury, certain U.S. agencies, and the State of Texas, (2) certificates of deposit, (3) certain municipal securities, (4) money market savings accounts, (5) repurchase agreements, (6) bankers acceptance, (7) mutual funds, (8) Investment pools, (9) guaranteed investment contracts, (10) and common trust funds.

The Act also requires the District to have independent auditors perform test procedures related to investment practices as provided by the Act. The District is in substantial compliance with the requirements of the Act and with local policies.

In compliance with the Public Funds Investment Act, the District has adopted a deposit and investment policy. That policy addresses the following risks:

- a. **Custodial Credit Risk – Deposits:** In the case of deposits, this is the risk that, in the event of a bank failure, the District's deposits may not be returned to it. As of December 31, 2014, the District's cash balances totaled \$987,551. The District's deposits were not exposed to custodial credit risk at December 31, 2014.
- b. **Custodial Credit Risk – Investments:** For an investment, this is the risk that, in the event of the failure of the counterparty, the District will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. At December 31, 2014, the District was not exposed to custodial credit risk.
- c. **Credit Risk:** This is the risk that an issuer or other counterparty to an investment will be unable to fulfill its obligations. The rating of securities by nationally recognized rating agencies is designed to give an indication of credit risk. The District was not exposed to credit risk at December 31, 2014.
- d. **Interest Rate Risk:** This is the risk that changes in interest rates will adversely affect the fair value of an investment. The District was not exposed to interest rate risk at December 31, 2014.
- e. **Foreign Currency Risk:** This is the risk that exchange rates will adversely affect the fair value of an investment. At December 31, 2014, the District was not exposed to foreign currency risk.

**NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT**

NOTES TO FINANCIAL STATEMENTS (continued)  
DECEMBER 31, 2014

**NOTE 2 – DEPOSITS AND INVESTMENTS WITH FINANCIAL INSTITUTIONS  
(continued)**

Concentration of Credit Risk: This is the risk of loss attributed to the magnitude of the District's investment in a single issuer (i.e., lack of diversification). Concentration risk is defined as positions of 5 percent or more in the securities of a single issuer. At December 31, 2014, the District was not exposed to concentration of credit risk.

**NOTE 3 – CAPITAL ASSETS**

Capital asset activity for the year ended December 31, 2014, was as follows:

	<u>Balance</u> <u>January 1, 2014</u>	<u>Additions</u>	<u>Retirements</u>	<u>Balance</u> <u>December 31, 2014</u>
<b>Governmental activities:</b>				
Vehicle	\$ 16,624	\$ -	\$ -	\$ 16,624
Equipment	<u>-</u>	<u>7,757</u>	<u>-</u>	<u>7,757</u>
Totals at Historical Cost	<u>16,624</u>	<u>7,757</u>	<u>-</u>	<u>24,381</u>
<b>Less accumulated depreciation:</b>				
Vehicle	(5,542)	(2,375)	-	(7,917)
Equipment	<u>-</u>	<u>(703)</u>	<u>-</u>	<u>(703)</u>
Total accumulated depreciation	<u>(5,542)</u>	<u>(3,078)</u>	<u>-</u>	<u>(8,620)</u>
<b>Governmental activities capital assets, net</b>	<u>\$ 11,082</u>	<u>\$ 4,679</u>	<u>\$ -</u>	<u>\$ 15,761</u>

**NOTE 4 – RISK MANAGEMENT**

The District is exposed to various risks of loss related to torts theft of, damage to and destruction of assets; errors and omissions; injuries to employees; and natural disasters. During fiscal year 2014, the District purchased commercial insurance to cover general liabilities. There were no significant reductions in coverage in the past fiscal year, and there were no settlements exceeding insurance coverage for each of the past three years.

**NOTE 5 – ESTIMATES**

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

**NOTE 6 – SUBSEQUENT EVENTS**

Management has reviewed events subsequent to December 31, 2014 through May 18, 2015, which is the date the financial statements were available to be issued. No subsequent events were identified that were required to be recorded or disclosed in the financial statements.

**NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT**

NOTES TO FINANCIAL STATEMENTS (continued)  
DECEMBER 31, 2014

**NOTE 7 – LONG-TERM DEBT**

The following is a summary of long-term activity of the District for the year ended December 31, 2014:

	Beginning Balance <u>1/01/14</u>	<u>Additions</u>	<u>Retirements</u>	Ending Balance <u>12/31/14</u>	Current Portion of Debt
Loans Payable	\$ 766,032	\$ -	\$ 263,502	\$ 502,530	\$ 211,370
Total	<u>\$ 766,032</u>	<u>\$ -</u>	<u>\$ 263,502</u>	<u>\$ 502,530</u>	<u>\$ 211,370</u>

Loans

The District is obligated under a contract executed by the Board for the organizational and operational costs of the District prior to the receipt of revenues necessary for operations. This contract is with the participating counties of Collin, Cooke, and Denton. This loan, in the contract-stated amount of \$900,000, incurs no interest and has a payback schedule that calls for repayment of the loan, in equal payments to each county, beginning in 2013 and maturing fully in 2017. Though the contract terms of the agreement state that the loan carries no interest, GAAP requires that interest be imputed on long-term loans, thus converting \$133,968 of the loan repayment to interest, and causing the remaining \$766,032 to be reflected as principal payable on the Statement of Net Position. Interest expense, as imputed, accrues each year and is reflected as interest expense. Amounts representing the accrued but unpaid portion of interest expense, calculated at 3.25% based on market rates for loans of similar amounts and terms, appear on the Statement of Net Position as "Interest Payable". Amounts representing subsequent years' portions of interest expense, having been received but not recognized, appear on the Statement of Net Position as "Unearned Revenue".

The loan contract does not specify the amount required to be paid each year on the loan. The following schedule of debt service requirements to maturity is based on the District's estimate of expected future payments on the loan:

<u>Year Ending December 31</u>	<u>Principal</u>	<u>Interest</u>	<u>Total Requirements</u>
2015	\$ 211,370	\$ 13,630	\$ 225,000
2016	144,107	5,893	150,000
2017	<u>147,053</u>	<u>2,947</u>	<u>150,000</u>
Total	<u>\$ 502,530</u>	<u>\$ 22,470</u>	<u>\$ 525,000</u>

**OTHER SUPPLEMENTARY INFORMATION**

NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT

COMPARATIVE BALANCE SHEET  
GENERAL FUND  
DECEMBER 31, 2014 AND 2013

	<u>2014</u>	<u>2013</u>
<b>Assets:</b>		
Cash and Cash Equivalents	\$ 979,195	\$ 1,032,456
Accounts Receivable	190,642	220,818
Other Receivables	25,007	-
Prepaid Costs	4,102	3,574
<b>Total Assets</b>	<u>\$ 1,198,946</u>	<u>\$ 1,256,848</u>
<b>Liabilities and Fund Balance:</b>		
<b>Liabilities:</b>		
Accounts Payable	\$ 76,461	\$ 22,681
Well Driller Deposits	26,631	18,031
<b>Total Liabilities</b>	<u>103,092</u>	<u>40,712</u>
<b>Fund Balance:</b>		
Nonspendable Fund Balance:		
Prepaid Costs	4,102	3,574
Unassigned Fund Balance	1,091,752	1,212,562
<b>Total Fund Balance</b>	<u>1,095,854</u>	<u>1,216,136</u>
<b>Total Liabilities and Fund Balance</b>	<u>\$ 1,198,946</u>	<u>\$ 1,256,848</u>

See accompanying auditors' report.



**NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT**

**COMPARATIVE SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES  
IN FUND BALANCE - GENERAL FUND  
FOR THE YEARS ENDED DECEMBER 31, 2014 AND 2013**

	<u>2014</u>	<u>2013</u>
<b>Revenues:</b>		
Groundwater Usage Fees	\$ 692,003	\$ 809,718
Well Registration Fees	15,500	17,400
Well Driller Deposit Forfeitures	2,400	-
GMA8 Fees	35,407	625
Interest Earned	1,959	1,367
Penalties and Late Charges	<u>7,352</u>	<u>540</u>
Total Revenues	<u>754,621</u>	<u>829,650</u>
<b>Expenditures:</b>		
Administrative - General Manager	43,900	36,560
Administrative - Secretarial & Clerical	52,882	52,036
Administrative - Project Coordinator	8,325	19,924
Administrative - Operations	6,448	2,756
Field Technicians	57,285	43,262
Consultants	167,423	214,085
Water Quality Analysis	32,058	-
Accounting and Auditing	28,892	21,720
Legal	63,813	30,555
Software Maintenance	8,087	9,373
Direct Costs Reimbursed	3,577	3,910
Insurance	3,821	3,582
Vehicle Costs	5,246	4,058
Office Rent	2,400	2,400
Telephone	1,766	2,172
GMA8 Costs	44,900	2,429
Legal Notices	468	420
Dues and Subscriptions	1,895	-
Meetings and Conferences	2,329	985
Small Equipment	1,631	1,082
Capital Outlay	7,757	-
Debt Service	<u>330,000</u>	<u>45,000</u>
Total Expenditures	<u>874,903</u>	<u>496,309</u>
Excess (deficit) of revenues over expenditures and net change in fund balance	(120,282)	333,341
Fund balance at beginning of year	<u>1,216,136</u>	<u>882,795</u>
Fund balance at end of year	<u>\$ 1,095,854</u>	<u>\$ 1,216,136</u>

See accompanying auditors' report.

INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL OVER  
FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS  
BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED  
IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

Board of Directors  
North Texas Groundwater Conservation District  
Denison, Texas

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the governmental activities and each major fund of North Texas Groundwater Conservation District, as of and for the year ended December 31, 2014, and the related notes to the financial statements, which collectively comprise North Texas Groundwater Conservation District's basic financial statements, and have issued our report dated May 18, 2015.

**Internal Control Over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the District's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, we do not express an opinion on the effectiveness of the District's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies in internal control, such that there is a reasonable possibility that a material misstatement of the District's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or, significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

### Compliance and Other Matters

As part of obtaining reasonable assurance about whether the District's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

### Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the District's internal control or on compliance. This report is an integral part of the audit performed in accordance with *Government Auditing Standards* in considering the District's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

*Hankins, Eastup, Deaton, Tonn & Seay*

Hankins, Eastup, Deaton, Tonn & Seay, PC  
Denton, Texas

May 18, 2015

## **ATTACHMENT B**

**Excerpts from TCEQ Joint Groundwater Monitoring and Contamination Report - 2014**



June 2015  
SFR-056/14

## Joint Groundwater Monitoring and Contamination Report–2014

**Prepared by the Texas Groundwater Protection Committee**

*Contributing State Agencies and Organizations:*

Texas Commission on Environmental Quality

Texas Water Development Board

Railroad Commission of Texas

Department of State Health Services

Texas Department of Agriculture

Texas State Soil and Water Conservation Board

Texas Alliance of Groundwater Districts

Texas A&M AgriLife Research

Bureau of Economic Geology

Texas Department of Licensing and Regulation

**Figure 6. Enforcement Status Matrix**

		E N F O R C E M E N T S T A T U S							
		0	1	2	3	4	5	6	
		ACTIVITY STATUS							
		No Activity	Contamination Confirmed	Investigation	Corrective Action Planning	Implement Action	Monitor Action	Action Completed	
A Federal B State	STATE/FED FUNDS								
A AG Office B Federal	COURT/FED ACTION								
A Permit B Order C Exec Action D Fed Referral	EXECUTIVE ACTION								
A Info Request B Plan Approval C Notice of Contamination D Referred	STAFF ACTION								
CONFIRMED- A Inspection B Data Review C Complaint D Referral	STAFF DISCOVERY								
A Voluntary Compliance and Notification B Voluntary Entrance into Cleanup Program	VOLUNTARY ACTION								

A Action B No Action	A Action B No Action
-------------------------	-------------------------

A Remediation B Source Removal C No Further Action Needed D Institutional Controls E Engineering Controls
-----------------------------------------------------------------------------------------------------------------------

## Enforcement Status Codes

In general, regulatory programs are structured to achieve the desired degree of environmental protection and mitigation with the lowest possible level of agency oversight. Routine monitoring is an example of this type of oversight activity. When monitoring or other activities indicate that greater agency involvement is necessary to address a contamination case, the agency may take enforcement action. Enforcement status codes are described in Figure 7. The enforcement status codes are ordered to reflect the progression of enforcement actions available to most of the agencies.

**Figure 7. Enforcement Status Matrix—Enforcement Status Codes**

Code	Enforcement	Description
0	Voluntary Action	An entity addresses the contamination incident, without being compelled to do so by enforcement action and either A) reports its actions to the agency, or B) enters into an agency's voluntary cleanup program.
1	Staff Discovery	The agency confirms identification of a contamination incident through its activities, such as: A) inspections, B) reviews of self-reported data, C) complaints received, or D) referrals received from other agencies.
2	Staff Action	The agency initiates an action to address a contamination incident, such as: A) an information request of the entity, B) approval of a work plan (e.g., assessment, corrective action, etc.), C) sending a notice of contamination to affected parties, or D) referring the incident to another agency with jurisdiction.
3	Executive Action	Action at the highest level of the agency, such as: A) issuing a permit with corrective action provisions; B) issuing an administrative order; C) other executive level action such as letter of approval or revocation, or conditional or final release of liability; or, D) referral to federal authorities such as U.S. EPA.
4	Court or Federal Agency Action	When other options fail or do not apply, an agency can: A) seek legal representation by the Texas Attorney General before the courts, or B) let federal agencies seek resolution according to federal laws or programs.
5	State or Federal Funds	The agency, by utilizing special federal (option A) or state (option B) funds, finances the cost of addressing contamination incidents. Examples are the federal and state "superfunds" for abandoned waste sites, and the state fund for plugging oil and gas wells.

**Note:**

Enforcement action includes any agency action which accomplishes or requires the identification, documentation, monitoring, assessing, or remediation of groundwater contamination. The achievements of these objectives vary among the regulatory programs. Not all agencies or programs within an agency will follow all of this sequence: for example, the Superfund program of the TCEQ starts at Status Code 5.

**Figure 8. Enforcement Status Matrix—Activity Status Codes**

Code	Activity	Description
0	No Activity	No actions have been conducted at the incident site. The code is also given to cases that did not have any activity in the reported calendar year, mainly used by the Voluntary Cleanup Program of the TCEQ.
1	Contamination Confirmed	Contamination is being verified through resampling or data quality validation, etc. Options are to: A) take action and investigate further if validated or required, or B) not take action based on confirmation findings.
2	Investigation	The incident is being studied to determine the extent, composition, and/or other properties and circumstances of the contamination. Additional action A) may or B) may not be required based on investigation findings.
3	Corrective Action Planning	A remedy (corrective action plan) for the contamination is being developed (based on the investigation findings). General examples include plans to: remove the source of contamination, remediate impacted groundwater, disinfect or replace wells, etc.
4	Implement Action	The planned remedy (corrective action plan) is being carried out. Actions to address the contamination are being conducted.
5	Monitor Action	The effectiveness of the remedy is being monitored. This can be a long- or short-term action and can be performed during and after implementation.
6	Action Completed	The remedy is considered complete when the desired result has been achieved. Options include: A) remediation efforts were completed (contaminants reduced to health based levels); B) the contaminant source was removed and the impact addressed; C) no further regulatory action required; D) agency action final, however, contamination still exists under institutional controls (deed records noting contamination; use and exposure restrictions; required maintenance of engineering controls, etc.); or, E) agency action final, however, contamination still exists under required engineered controls.



TABLE 1  
GROUNDWATER CONTAMINATION CASE DESCRIPTION BY COUNTY  
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

EXPLANATIONS OF FIELDS	
COUNTY:	THE COUNTY NAME IS THE FIRST ENTRY IN THE LEFT PORTION OF THE TABLE. IT IS LISTED ONLY ONCE FOR EACH OF THE CASES IN THAT COUNTY.
DIVISION:	DIVISIONS ARE LISTED ONLY ONCE WITH THEIR RESPECTIVE CASES FOR EACH COUNTY. ENF - ENFORCEMENT DIVISION RMD - RADIOACTIVE MATERIALS DIVISION REM/CA - REMEDIATION DIVISION/CORRECTIVE ACTION SECTION REM/DCRP - REMEDIATION DIVISION/ DRY CLEANERS REMEDIATION PROGRAM REM/PST - REMEDIATION DIVISION/ PETROLEUM STORAGE TANK PROGRAM REM/SF - REMEDIATION DIVISION/ SUPERFUND CLEANUP PROGRAM REM/SSDAP - REMEDIATION DIVISION/SUPERFUND SITE DISCOVERY AND ASSESSMENT PROGRAM REM/VIC - REMEDIATION DIVISION/VOLUNTARY CLEAN UP REM/VCIO - REMEDIATION DIVISION/VOLUNTARY CLEAN UP/INNOCENT OWNER REM/VCSA - REMEDIATION DIVISION/VOLUNTARY CLEANUP/BROWNFIELDS SITE ASSESSMENT RO - REGIONAL OFFICES WAD/GPAT - WATER AVAILABILITY DIVISION /GROUNDWATER PANNING AND ASSESSMENT TEAM WPD/IHW - WASTE PERMITS DIVISION/INDUSTRIAL AND HAZARDOUS WASTE WPD/MSW - WASTE PERMITS DIVISION/MUNICIPAL SOLID WASTE SECTION WQD/WQAS - WATER QUALITY DIVISION /WATER QUALITY ASSESSMENT SECTION WSD/PDW - WATER SUPPLY DIVISION /PUBLIC DRINKING WATER SECTION
NEW CASES:	AN ASTERISK (*) IS PLACED IN EACH RECORD THAT IS REPORTED AS NEW FOR THE YEAR.
FILE NAME:	FILE NAMES REFLECT RESPONSIBLE PARTIES OR GEOGRAPHIC LOCATION
FILE NUMBER:	FILE NUMBERS ARE ASSIGNED ACCORDING TO THE RESPECTIVE DIVISION NUMBERING SYSTEM. FILE NUMBER IS USED TO LOCATE FILE IN THE TCEQ RECORDS.
LOCATION:	LOCATIONS ARE GIVEN AS ADDRESSES OR GEOGRAPHIC LOCATIONS DESCRIPTIONS.
CONTAMINATION DESCRIPTION:	AS- ARSENIC, BA - BARIUM, CR - CHROMIUM, CU - COPPER, HG - MERCURY, NI - NICKEL, PB - LEAD, CIS-1,2-DCE - CIS-1,2-DICHLOROETHYLENE, CH - CHLOROBENZENE, DBCM - DIBROMOCHLOROMETHANE, NO3 - NITRATE, SO4 - SULFATE, VOC- VOLATILE ORGANIC COMPOUNDS, ORG. - ORGANIC CHEMICALS, TOC- TOTAL ORGANIC COMPOUNDS, TDS- TOTAL DISSOLVED SOLIDS, TCE- TRICHLOROETHENE, MEK - METHYL ETHYL KETONE, CARBON TET - CARBON TETRACHLORIDE, PCB - POLYCHLORINATED PHENYLS, PCB - POLYCHLORINATED BIPHENYLS, TPH - TOTAL PETROLEUM HYDROCARBONS, BTEX - BENZENE - TOLUENE-ETHYLBENZENE-XYLENE, MTBE - METHYL-TERTIARY-BUTYL-ETHER, 1,2-DCB - 1,2-DICHLOROBENZENE, 1,4-DCB - 1,4-DICHLOROBENZENE, 1,1-DCE - 1,1-DICHLOROETHYLENE, TRANS-1,2-DCE - TRANS-1,2-DICHLOROETHYLENE, MECL - METHYLENE CHLORIDE, PCE - TETRACHLOROETHYLENE, TCFM - TRICHLOROFLUOROMETHANE, VC - VINYL CHLORIDE.
DATE:	DATE OF EARLIEST KNOWN CONTAMINATION CONFIRMATION.
ENFORCEMENT STATUS:	THE FIRST ENTRY IN THIS FILED INDICATES THE LEVEL OF AGENCY RESPONSE, THE SECOND INDICATES THE SITE ACTIVITY STATUS. SOME CASES DO NOT HAVE COMPLETE ENFORCEMENT STATUS CODES BECAUSE IF INSUFFICIENT DATA. STATUS CODES MAY BE BORDER-LINE BETWEEN TWO LEVELS ON THE ENFORCEMENT STATUS MATRIX AND ARE ENTERED AS A COMBINATION OF ENFORCEMENT STATUS CODES, I.E.:3A,B OR 4-5. SEE PAGES 33 - 40 FOR A DESCRIPTION OF THESE CODES.
DATA QUALITY:	E - EPA APPROVED ANALYTICAL PROCEDURES, Q - QUALITY CONTROL PROGRAM ESTABLISHED FOR SAMPLING PROCEDURES V- VERIFICATION OF CONTAMINATION THROUGH PROCEDURES LISTED BELOW: 1. SPLITTING SAMPLES WITH REGULATED ENTITY OR OTHER AGENCY FOR COMPARISON OF ANALYSIS RESULTS 2. RESAMPLING FOR VERIFICATION ANALYSIS RESULTS 3. SUPERVISORY OR COMMITTEE REVIEW OF SAMPLING PROCEDURES AND ANALYSIS RESULTS
SECTION 5-236:	AN ENTRY IN THIS FIELD CONSTITUTES NOTIFICATION UNDER TEXAS WATER CODE SECTION 5-236 TO LOCAL OFFICIALS FOR CASES REPORTED UP TO DEC. 31, 2013 THAT WERE NOT INCLUDED IN THE REPORT THE PREVIOUS YEAR. A "Y" CODE IN THIS FIELDS MARKS THOSE CASES IN WHICH CONTAMINATION MAY POTENTIALLY AFFECT A PUBLIC DRINKING WATER SUPPLY OR HAS RESULTED IN POINT -OF-USE IMPACTS. TEXAS WATER CODE SECTION 5-236 REQUIRES THAT TCEQ NOTIFY COUNTY JUDGES AND LOCAL PUBLIC HEALTH OFFICIALS CONTAMINATION. INCLUSION IN THIS REPORT SERVES AS A "BACK-UP" TO STANDARD NOTIFICATION PROCEDURES.

TABLE 1  
GROUNDWATER CONTAMINATION CASE DESCRIPTION BY COUNTY  
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

COUNTY	DIVISION	NEW CASES	FILE NAME	FILE NUMBER	LOCATION	CONTAMINATION DESCRIPTION	DATE	ENFORCEMENT STATUS	DATA QUALITY	SECTION
CHAMBERS	REM/CA		ENTERPRISE P-63 ROW MILEPOST 16.71, IH 10 T2944 PIPELINE RELEASE SITE		INTERSTATE 10 AND TRINITY RIVER, WALLSVILLE 77597	PETROLEUM HYDROCARBONS	6/1/2011	0A 2	E, Q, V	5-236
			D US COUNTRY STORE LITTLE NUGGET	16695 118371	7317 HWY 61, HANKAMER 12731 FM 1409, OLD RIVER WINFREE	UNKNOWN GASOLINE	12/15/2005 7/20/2010	2 4	E,Q E,Q	
CHEROKEE	REM/CA		CITGO WACO TERMINAL WELLS FARGO BANK PROPERTY	31960 T-573	1600 S. LOOP, WACO 400 E COMMERCE ST., JACKSONVILLE 75766	BTEX, DIESEL VOCS, BTEX	1/9/1995 1/17/2001	0A 0A	E EQV2	
			SNOKE SPECIAL PRODUCTS	853	HIGHWAY 69 NORTH, JACKSONVILLE	VOCS, METALS, TPH	10/27/1998	0B	E	
			BROOKSHIRE BROTHERS 17 CORNER MARKET 102 DANDY DOUBLE 2 GLASS/TEXACO STATION KEY FOOD 4	117168 113973 117492 92225 116199	210 E CHEROKEE ST, JACKSONVILLE 202 N JACKSON ST, JACKSONVILLE 244 RUSK ST, WELLS 401 S BOLTON ST, JACKSONVILLE 711 N DICKINSON DR, RUSK	UNKNOWN GASOLINE GASOLINE GASOLINE UNKNOWN	3/21/2007 1/6/1999 11/14/2007 10/25/1988 10/23/2004	2A 2A 6 2A 2A	E,Q E,Q E,Q E,Q E,Q	
CHILDRESS	REM/CA		TEXAS DEPT OF TRANSPORTATION (CHILDRESS MAINTENANCE FACILITY)	F0482	1711 AVENUE B SW, CHILDRESS 79201	CHLOROFORM	10/9/1999	0A	E,Q	
			BURLINGTON NORTHERN RAILROAD - CHILDRESS	417	100 12TH STREET NW, CHILDRESS	CHLORINATED SOLVENTS	12/13/1996	0B	E	
			BRIDGES CHEVRON JOETARRANT OIL CO 62 KWIK PANTRY FFF 351 TAYLOR FOOD MART 31 TEXACO STATION	113452 97222 108723 110920 111306	110 AVENUE F NW, CHILDRESS 701 AVENUE F NE, CHILDRESS HWY 287 @ HWY 62, CHILDRESS 400 AVENUE F NE, CHILDRESS 608 AVENUE F NW, CHILDRESS	GASOLINE, DIESEL GASOLINE, DIESEL GASOLINE UNKNOWN UNKNOWN	9/21/1998 11/13/1990 11/15/1994 5/2/1996 7/9/1995	2A 2A 2A 2A 6	E,Q E,Q E,Q E,Q E,Q	
CLAY	REM/CA		HENRIETTA RELEASE AREA 2 (MAGELLAN MIDSTREAM PARTNERS)	T2978	BROWN ROAD AND HIGHWAY 287/82, HENRIETTA	BTEX, TPH	5/22/2012	2C	E,Q	
			ALLSPRS 174 GEORGE WALKER OIL REED OIL CO WAGON MASTER TRUCK STOP	112932 113486 113853 96382	301 E OMEGA ST, HENRIETTA HWY 287 & FM 1288, BELLEVUE 705 MAIN ST, BYERS 595 US HIGHWAY 287, BELLEVUE	GASOLINE GASOLINE GASOLINE, DIESEL	1/28/1998 9/20/1998 1/4/1999 8/8/1990	5B 5B 5B 5B	E,Q E,Q E,Q E,Q	
COCHRAN	ENF		CITY OF MORTON	WQ0010226001.1	1 MI NE OF INTERSECTION OF SH 114 AND FM NITRATES (NO3) 1780		4/30/2003	3E	E,Q	
			FORMER GASOLINE STATION	109426	102 N MAIN ST, MORTON	GASOLINE	5/2/1995	5B	E,Q	
			CITY OF MORTON	WQ0010226001.1	1 MILE NORTHEAST OF STATE HIGHWAY 214 AND FARM-TO-MARKET ROAD 1780, NORTHEAST OF THE CITY OF MORTON	NITRATE	10/13/2005	3A,B	E,Q	
COLLIN	REM/CA		EXIDE FRISCO BATTERY RECYCLING PLANT MCKINNEY METALS (SCRAP METAL YARD)	30516 F0074	7471 5TH ST, FRISCO 75034 341 E VIRGINIA ST, MCKINNEY 75069	METALS TPH, VOCS	9/2/2014 2/11/1998	3 3B	E, Q, V E	
			PREMIER DRY CLEAN EXPRESS	DC0256	601 W PARKER RD STE 112, PLANO, TX	CHLORINATED SOLVENTS	11/19/2014	5B		
			BC STATION PROPERTY	2663	NEC OF RENNER ROAD AND NORTH CENTRAL EXPRESSWAY, RICHARDSON	CHLORINATED SOLVENTS	3/7/2014	0B	E	
			BENT TREE SHOPPING CENTER EXIDE TECHNOLOGIES J PARCEL	747 2541	17610 MIDWAY ROAD, DALLAS N OF DALLAS NORTH TOLLWAY & S OF HICKORY ST, FRISCO	CHLORINATED SOLVENTS VOCS, CHLORINATED SOLVENTS	4/7/1998	0B 0B	E E	
			HUTSON INDUSTRIES, INC.	944	100 HUTSON DRIVE, FRISCO	VOCS	3/11/1999	0B	E	

TABLE 1  
GROUNDWATER CONTAMINATION CASE DESCRIPTION BY COUNTY  
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

COUNTY	DIVISION	NEW CASES	FILE NAME	FILE NUMBER	LOCATION	CONTAMINATION DESCRIPTION	DATE	ENFORCEMENT STATUS	DATA QUALITY	SECTION	
COLLIN	REM/VC	*	PRAIRIE CREEK VILLAGE SHOPPING CENTER	2606	2963 WEST 15TH STREET, PLANO	VOCS, CHLORINATED SOLVENTS	8/27/2013	OB	E	5-236	
			PRESTON TRAIL COMMUNITY CHURCH	2657	10501 MAIN STREET, FRISCO	METALS	3/21/2014	OB	2A	E	
			TRENTH STREET INDUSTRIES	1601	901 10TH STREET, PLANO	LEAD	6/13/2003	OB	3	E	
			WATTLE PARK PROPERTY	1258	1/4 MILE SOUTH OF US 380, MCKINLEY	SOLVENTS	9/14/2000	OB	5A	E	
			7 ELEVEN STORE 36416	19490	3301 K AVE, PLANO	DIESEL	10/28/2014	1B	1A	E,Q	
			FORMER LL GROCERY GARAGE	91130	116 E AUDIE MURPHY PKWY, FARMERSVILLE	UNKNOWN	10/20/1986	1B	1A	E,Q	
			LOVES COUNTRY STORE 209	148894	1701 US HIGHWAY 75, ANNA	UNKNOWN	7/15/2012	2	2A	E,Q	
			NTTA MAINTENANCE FACILITY	17965	1080 OHIO DR, PLANO	GASOLINE	2/21/2009	2	6	E,Q	
			PDQ QUICK TRACK	148801	2312 STATE HIGHWAY 121, MELISSA	GASOLINE	4/26/2012	2	2A	E,Q	
			NORTH TEXAS MUNICIPAL WATER DISTRICT LANDFILL (PRE-SUBTITLE D ONLY)	MSW000444	1 MILE S OF FM 544 BETWEEN HOOPER ROAD AND MAXWELL CREEK ROAD/ DEWITT ROAD	MW-4, 11, 12: VOCS (BENZENE, CHLOROBENZENE, 1,4-DICHLOROBENZENE, CIS-1,2-DICHLOROETHYLENE)	12/31/2004	2B	2B	E,Q,V2	
COLLINGSWORTH	REM/CA		NORTH TEXAS MUNICIPAL WATER DISTRICT LANDFILL (PRE-SUBTITLE D AND SUBTITLE D)	MSW00568A	500 OLD MILL RD MCKINNEY TX 75069	MW-18: VOCS (BENZENE); MW-11Q: VOCS (CIS-1,2-DICHLOROKETHYLENE); MW-10Q: VOCS (CIS-1,2-DICHLOROETHYLENE)	10/11/2012	2B	E,Q,V2		
			TXDOT (WELLINGTON MAINTENANCE FACILITY)	F0430	WELLINGTON	TPH	12/5/2002	3B	3A	FOV2	
COLORADO	REM/PST		HOLTON OIL CO LUCKY CORNER	103223 112917	1101 8TH ST, WELLINGTON 1500 HOUSTON, WELLINGTON	GASOLINE GASOLINE	7/12/1992 1/26/1998	5B 5B	R,Q E,Q		
			SHAMROCK SERVICE CENTER	97597	HWY 71 & R.10, COLUMBUS	GASOLINE	12/27/1990	5B	2A	E,Q	
			ALTAR DISPOSAL SERVICES LLC LANDFILL (PRE-SUBTITLE D AND SUBTITLE D)	MSW00203A	2 MILES N OF ALTAIR ON W SIDE OF STATE HIGHWAY 71	MW-17, 18, SW-2-1: METALS (BARIUM, ZINC)	12/31/2005	2B	2B	E,Q,V2	
COMAL	REM/PST		ENVIRONMENTAL IMPACT FORMER PARKSIDE MART	118048 19185	486 LANDA ST, NEW BRAUNFELS	GASOLINE GASOLINE	5/11/2009 7/23/2013	5B 2	E,Q E,Q		
			MESQUITE CREEK LANDFILL (PRE-SUBTITLE D AND SUBTITLE D)	MSW00066B	1000 KOHLENBERG RD, NEW BRAUNFELS TX 78130	MW-02A: VOCS (1,1-DICHLOROETHANE; CIS-1,2-DICHLOROETHYLENE)	7/27/2011	2B	2B	E,Q,V2	
COMANCHE	REM/PST		FORMER CT AUTO FUEL 2 NEWMAN SALES	118871 112602	512 W NAVARRO AVE, DE LEON 701 W CENTRAL AVE, COMANCHE	GASOLINE GASOLINE	7/11/2012 9/10/1997	2 5B	R,Q E,Q		
			TAYLOR FOOD MART 2085	119261	905 W CENTRAL AVE, COMANCHE	UNKNOWN	11/25/2013	2	6	E,Q	
			BOBS TEXACO EDEN SELF SERVE STATION J J SERVICE STATION	146684 110863 113573	277 N ROBERTS ST, PAINT ROCK 106 E BROADWAY ST, EDEN 318 S MAIN ST, EDEN	GASOLINE GASOLINE WASTE OIL UNKNOWN	7/23/1999 4/23/1996 11/5/1998 5/2/2003	2 5B 5B 1B	2A 2A 2A 1A	E,Q E,Q E,Q E,Q	
COOKE	REM/VC		TRIS AMIGOS CONVENIENCE STORE 2	115719	502 W BROADWAY, EDEN	UNKNOWN	5/2/2003	1B	E,Q		
			ALAN RICHEY PROPERTY SOUTHLAND PAINT COMPANY	2661 904	2300 NORTH IH-35, GAINESVILLE 1101 SOUTHLAND DRIVE, GAINESVILLE	VOCS, SVOCs, METALS, TPH VOCS, SVOCs, CHLORINATED SOLVENTS, TPH	3/26/2014 12/29/1998	OB OB	1A 4	E E	



TABLE 1  
GROUNDWATER CONTAMINATION CASE DESCRIPTION BY COUNTY  
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

COUNTY	DIVISION	NEW CASES	FILE NAME	FILE NUMBER	LOCATION	CONTAMINATION DESCRIPTION	DATE	ENFORCEMENT STATUS	DATA QUALITY	SECTION
DENTON	WPD/MSW		CITY OF DENTON LANDFILL (PRE-SUBTITLE D AND SUBTITLE D)	DMSW015904	0.35 MILE E OF EDWARDS ROAD AND MAYHILL ROAD INTERSECTION 0.35 MILE S OF WASTE WATER TREATMENT PLANT	MW-VOL: METALS (COPPER, COBALT, ZINC)	9/15/2005	2B	E,Q,V2	
			DEW RECYCLING AND DISPOSAL FACILITY (PRE-SUBTITLE D AND SUBTITLE D)	MSW01055B	2.25 MILE E SE OF INTERSECTION OF INTERSTATE HIGHWAY 35 E AND US HIGHWAY 121	MW-A, BB, EE, S: VOCS (CHLOROETHANE, CIS 1,2-DICHLOROETHENE; 1,1-DICHLOROETHANE)	12/31/2004	2B	E,Q,V2	
DIMMIT	REM/PST		FORMER OAK TREE DELI FASTRAK	117687	2004 N ESPLANADE ST, CUERO	GASOLINE, DIESEL	4/14/2008	2A	E,Q	
	REM/CA		HALLBURTON	34319	LOOP 517 AND REFINERY RD, CARRIZO SPRINGS	BENZENE, AS, CIS 1,2 DCE	4/28/2004	0A	E	
	REM/PST		UNCLE SAM'S 16 GET N GO	117071	208 N 45TH ST, CARRIZO SPRINGS	GASOLINE	12/21/2006	2	E,Q	
DUVAL	REM/PST		FORMER ARNOLDS EXXON STRIPES 2140 STRIPES 7457	118063 118808 117265	101 E RILEY, FREER 100 W RILEY, FREER 101 S NORTON AVE, FREER	GASOLINE UNKNOWN GASOLINE	6/3/2009 5/8/2012 6/27/2007	2A 2A 6	E,Q E,Q E,Q	
EASTLAND	REM/CA		GENERAL ELECTRIC CAPITAL CORP	32088	2318 COUNTY ROAD 339, RANGER 76470	DICHLOROPROPANE VINYL CHLORIDE, BENZENE, 1,2 DCA, CHLOROBENZENE	8/1/1981	3A	E,Q,V,2	
	REM/SF		SONICS INTERNATIONAL	SUP146	1300 FM 101 3 MI W OF, RANGER	VOCS	11/16/1990	3B	E, Q, V3	
	REM/PST		FORMER GAS STATION FORMER VINEYARD EXXON	118704 111811	1135 CONRAD HILTON BLVD, CISCO 201 S MAIN ST, RISING STAR	GASOLINE UNKNOWN	12/15/2011 10/24/1996	2 1B	E,Q E,Q	
ECTOR	REM/CA		BJ SERVICES	30694	6165 W MURPHY ST, ODESSA 79763-7511	CHLORINATED SOLVENTS, ARSENIC, VOLATILE ORGANICS, BENZENE	2/1/2010	0A	E, Q	
			FRAC TECH SERVICES - ODESSA YARD	T3116	986 SOUTH MAURICE ROAD, ODESSA 79763	PAH, TPH	4/30/2013	2A	E, Q	
			HOMCO INTERNATIONAL	52075	2122 MAURICE, ODESSA 79763	PCE, TCE	9/22/1993	2B	E	
			HUNTSMAN POLYMERS CORP (FMR REXENE)	30142	2400 S GRANDVIEW AVE, ODESSA 79766	BENZENE, PETROLEUM HYDROCARBONS (FREE & DISSOLVED), XYLENE	12/15/1986	3A	E,Q,V,2,3	
			KATTY INDUSTRIES INC	30926	8326 W COUNTY RD, ODESSA	CHROMIUM	11/17/1983	3B	FOV2	
			NATIONAL OIL WELL	70896	100 E 61ST ST, ODESSA 79762	METALS, VOCS	1/1/2006	0A	E	
			NATIONAL OILWELL	32806	5621 ANDREWS HWY, ODESSA 79762	1,1-DCE, METALS, TPH	4/26/2001	0	E, Q	
			ODESSA REFINING CO (EQUILON ENTERPRISES LLC)	30258	2700 S GRANDVIEW, ODESSA 79766	HYDROCARBONS, METALS	11/12/1986	3B	EQV23	
			PACCAR INC (FMR TRICO-KOBE INC)	34658	3218 KERMIT HWY, ODESSA 79764	CHROMIUM, PCB, TOE, DCE	5/1/1991	2B	EQ	
	REM/SF		ANGUS ROAD GROUNDWATER SITE	SUP168	4300 BLOCK OF ANGUS ROAD, ODESSA	1,2 DICHLOROETHANE, VOC, MANGANESE	3/1/2004	5B	E, Q, V3	
			EAST 67TH STREET GROUND WATER	SUP156	CENTER OF PLUME IS LOCATED AT THE INTERSECTION OF EAST 67TH STREET & STEVENSON STREET, ODESSA	PCE, DCE, TCE	4/25/2005	5B	E, Q, V3	
			ODESSA CHROMIUM 1	SUP030	NEAR BRAZOS AVE & 44TH ST JUST OUTSIDE NW ODESSA, ODESSA	HEXAVALENT CHROMIUM	2/28/1986	5B	E, Q	
			PRECISION MACHINE & SUPPLY	SUP060	500 W OLIVE ST, ODESSA	HEXAVALENT CHROMIUM	3/16/1987	5B	E,Q,V3	
			PROCESS INSTRUMENTATION AND EL	SUP164	4817 ANDREWS HWY, ODESSA	1,1-DICHLOROETHANE, 1,2 DICHLOROETHANE, PCE, TCE, CHROMIUM, MTEB, HEXAVALENT CHROMIUM, ARSENIC, LEAD, MANGANESE, SELENIUM	12/1/2005	5B	E, Q, V3	
			SPRAGUE ROAD GROUND WATER PLUM	SUP035	2725 W 84TH ST, 8410 W LOOP 338 AKA SPRAGUE RD, & 2626 STEVEN RD & SURROUNDING ACREAGE, ODESSA	CHROMIUM, HEXAVALENT CHROMIUM	8/1/1984	5A	E, Q, V3	

**Figure 6. Enforcement Status Matrix**

		E N F O R C E M E N T S T A F F D I S C O V E R Y V O L U N T A R Y A C T I O N						
		0	1	2	3	4	5	6
		No Activity	Contamination Confirmed	Investigation	Corrective Action Planning	Implement Action	Monitor Action	Action Completed
		A Action B No Action		A Action B No Action		A Remediation B Source Removal C No Further Action Needed D Institutional Controls E Engineering Controls		
A Federal B State	STATE/FED FUNDS							
A AG Office B Federal	COURT/FED ACTION							
A Permit B Order C Exec Action D Fed Referral	EXECUTIVE ACTION							
A Info Request B Plan Approval C Notice of Contamination D Referred	STAFF ACTION							
CONFIRMED- A Inspection B Data Review C Complaint D Referral	STAFF DISCOVERY							
A Voluntary Compliance and Notification B Voluntary Entrance into Cleanup Program	VOLUNTARY ACTION							

**Figure 11. TCEQ Enforcement Status Summary**

A Federal B State	STATE/FED FUNDS	5	REM/DCRP-83	REM/PST-2	REM/CA-2 REM/DCRP-65 REM/PST-266 REM/SF-22 REM/SSDA-9	REM/CA-1 REM/DCRP-3 REM/SF-8	REM/CA-2 REM/PST-74 REM/SF-2 REM/DCRP-29	REM/CA-2 REM/SF-26 REM/DCRP-7	REM/PST-32 REM/DCRP-2 REM/SSDA-1
A AG Office B Federal	COURT/FED ACTION	4			REM/CA-5 REM/SF-2	REM/CA-4 REM/SF-1	REM/CA-7 REM/SF-3	REM/CA-8 REM/SF-12	REM/CA-4
A Permit B Order C Exec Action D Fed Referral	EXECUTIVE ACTION	3	REM/ENF-4 REM/CA-1 WQD/WQAS-1	REM/CA-1	REM/CA-28 REM/SF-1 WQD/WQAS-2	REM/CA-40 REM/SF-1 WQD/WQAS -1	REM/CA-91 WQD/WQAS-7	REM/CA-138 REM/SF-4 WQD/WQAS -7	REM/CA-7
A Info Request B Plan Approval C Notice of Contamination D Referred	STAFF ACTION	2	REM/CA-2 WPD-1	REM/CA-8 WAD/GPAT-2 REM/PST-1 WPD-1	RMD-1 REM/CA-29 REM/PST-506 WPD-40 WQD/WQAS-2 WAD/GPAT-1	REM/CA-24 WQD/WQAS-2	REM/CA-41 REM/PST-23 WPD-14	REM/CA-53 WPD-14	REM/CA-8 REM/PST-153 WSD/PDW-3
CONFIRMED- A Inspection B Data Review C Complaint D Referral	STAFF DISCOVERY	1		REM/CA-1 REM/PST-115 WAD/GPAT-1	REM/CA-14 WAD/GPAT-1	REM/CA-12	REM/CA-19	REM/CA-18	REM/CA-5 REM/PST-2
A Voluntary Compliance and Notification B Voluntary Entrance into Cleanup Program	VOLUNTARY ACTION	0		REM/CA-8 REM/MVC-52	REM/CA-58 REM/MVC-92	REM/CA-53 REM/MVC-95	REM/CA-44 REM/MVC-54	REM/CA-63 REM/MVC-194	REM/CA-15 REM/MVC-58
<b>E N F O R C E M E N T S T A T U S</b>									
<b>ACTIVITY STATUS</b>									
			No Activity	Contamination Confirmed	Investigation	Corrective Action Planning	Implement Action	Monitor Action	Action Completed
			A Action B No Action	A Action B No Action	A Action B No Action	A Remediation B Source Removal C No Further Action Needed D Institutional Controls E Engineering Controls			

Figure 12. TCEQ County Contamination Map

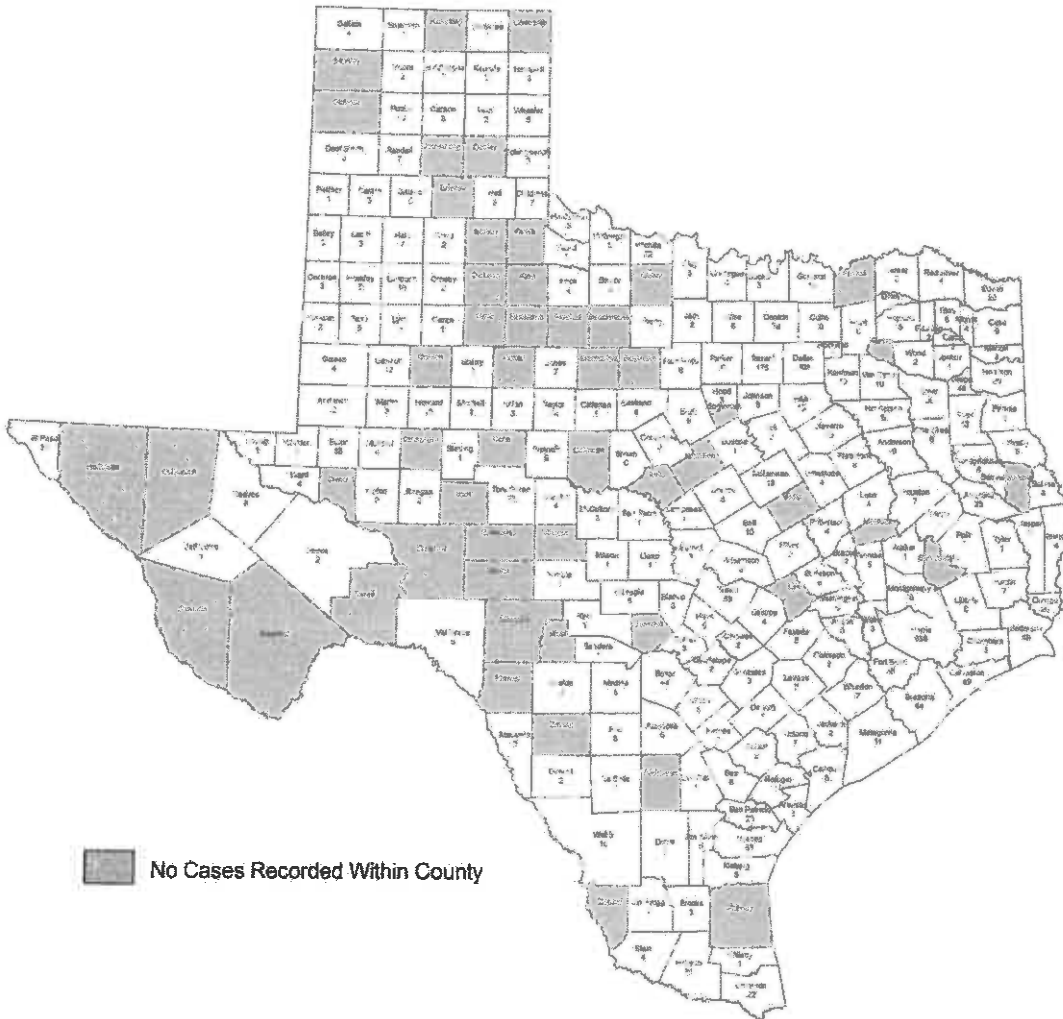




TABLE 2  
GROUNDWATER CONTAMINATION CASE DESCRIPTION BY COUNTY  
RAILROAD COMMISSION OF TEXAS

EXPLANATIONS OF FIELDS

**COUNTY:** THE COUNTY NAME IS THE FIRST ENTRY IN THE LEFT PORTION OF THE TABLE. IT IS LISTED ONLY ONCE FOR EACH OF THE CASES IN THAT COUNTY.

**DIVISION:** THESE ARE THE SPECIFIC REGULATORY PROGRAMS WITHIN THE RAILROAD COMMISSION. DIVISIONS ARE LISTED ONLY ONCE FOR THEIR RESPECTIVE CASES IN EACH COUNTY. SEE ACRONYM LIST (PAGE III) FOR AGENCY DIVISION ABBREVIATIONS.

**NEW CASES:** AN ASTERISK (\*) IS PLACED IN EACH RECORD THAT IS REPORTED AS NEW FOR THE YEAR.

**FILE NAME:** FILE NAMES REFLECT RESPONSIBLE PARTIES OR GEOGRAPHIC LOCATION

**FILE NUMBER:** FILE NUMBERS ARE ASSIGNED ACCORDING TO RRC DISTRICT COMPLIANT NUMBERING SYSTEMS, SOME DISTRICTS INCLUDE THE YEAR IN THE COMPLIANT NUMBER. SOME CASES HAVE NO NUMBERS BECAUSE THE CASE WAS INITIATED BY INSPECTION OR SOME OTHER MANNER. A FEW CASES ARE CODED ACCORDING TO RRC HEARING DOCKET NUMBER.

**LOCATION:** LOCATION DESCRIPTIONS VARY DEPENDING ON THE SCOPE OF THE INVESTIGATION AND WHETHER OR NOT THE COMPLAINANT'S PROPERTY IS ON AN OIL AND GAS LEASE. THE INVESTIGATIONS THAT ARE NARROWER IN GEOGRAPHIC SCOPE ARE DESCRIBED BY LATITUDE AND LONGITUDE.

**CONTAMINATION:** CL- CHLORIDE, BA - BARIUM, BTEX - BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENE, HCL - HYDROCHLORIDE ACID, GW - GROUNDWATER, NACL- SODIUM CHLORIDE, NG- NATURAL GAS, PSH - PHASE SEPARATED HYDROCARBONS, TDS- TOTAL DISSOLVED SOLIDS, SW - SURFACE WATER. MOST CASES SITE SODIUM CHLORIDE AS CONTAMINATION. SOME CASES INVOLVE REFINED HYDROCARBONS, OTHERS CITE CHLORIDE BECAUSE CATIONS OTHER THAN SODIUM MAY BE PRESENTS IN HIGH CONCENTRATION.

**ENFORCEMENT STATUS:** ACTIONS AND NOTICES OF VIOLATIONS ARE TAKEN AT STAFF LEVEL AND MAY BE CONCURRENT. THE CLOSURE OR SHUT-IN OF FACILITIES AND PLUGGING OF WELLS MAY ALSO BE DIRECTED AT STAFF LEVEL. STAFF DIRECTIVES ARE IDENTIFIED AS ENFORCEMENT STATUS. ACTIONS MAY BE STEPPED UP TO A FORMAL ENFORCEMENT LEVEL WHICH CAN BE CATEGORIZED AS EXECUTIVE ACTION AND INCLUDE ADMINISTRATIVE PENALTIES AND ORDERS. IN SOME CASES, GROUNDWATER CONTAMINATION MAY BE DOCUMENTED BUT SPECIFIC SOURCE OR AN ACTUAL RESPONSIBLE PARTY CANNOT BE IDENTIFIED. ENFORCEMENT STATUS WOULD BE CATEGORIZED AS STAFF DISCOVERY. ACTIONS OF RESPONSIBLE PARTIES WHO DISCOVER AND REPORT GROUNDWATER CONTAMINATION ARE CATEGORIZED AS VOLUNTARY ACTIONS EVEN THOUGH INVESTIGATIVE OR REMEDIAL PLANS ARE REVIEWED AND APPROVED BY THE OIL AND GAS DIVISION.

**DATA QUALITY:** E - EPA APPROVED ANALYTICAL PROCEDURES.  
Q - QUALITY CONTROL PROGRAM ESTABLISHED FOR SAMPLING PROCEDURES,  
V - VERIFICATION OF CONTAMINATION THROUGH PROCEDURES LISTED BELOW:  
1. SPLITTING SAMPLES WITH REGULATED ENTITY OR OTHER AGENCY FOR COMPARISON OF ANALYSIS RESULTS  
2. RESAMPLING FOR VERIFICATION ANALYSIS RESULTS  
3. SUPERVISORY OR COMMITTEE REVIEW OF SAMPLING PROCEDURES AND ANALYSIS RESULTS

TABLE 4 (APPENDIX 10)  
 HISTORIC GROUNDWATER CONTAMINATION CASE DESCRIPTION BY COUNTY  
 ALL AGENCIES, 1994-2013

COUNTY AGENCY	DIVISION	SECTION	FILE NAME	FILE NUMBER	LOCATION	CONTAMINATION DESCRIPTION	ENFORCEMENT STATUS	YEAR DELETED
COLLIN TCEQ	REM	DCRP	FMR? USA CLEANERS - PLANO SUMMERSIDE CLEANERS VILLAGE CREEK SHOPPING CENTER FORMER PLANO CLEANER	DC0120 DC0101 DC0059	2912 LEGACY DRIVE 17475 PRESTON ROAD, DALLAS 6150 INDEPENDENCE PARKWAY, PLANO	CHLORINATED SOLVENTS CHLORINATED SOLVENTS CHLORINATED SOLVENTS	5B, 2B 2B, 5B 2B	2010 2011 2009
	SF		FMR? USA CLEANERS - PLANO	DC0120	2912 LEGACY DRIVE	CHLORINATED SOLVENTS	5B, 2B	2008
	VC/VCP		BERKELEY SQUARE SHOPPING CENTER BERKELEY SQUARE SHOPPING CENTER PARK FAVILLION SHOPPING CENTER	1399 537 772	4621 WEST PARK BOULEVARD 4621 WEST PARK BOULEVARD, PLANO 2001 COIT ROAD, PLANO	CHLORINATED SOLVENTS CHLORINATED SOLVENTS VOCS	0 0 6C	2001 2001 2001
			PARKWOOD SQUARE SHOPPING CENTER PITTMAN CORNERS SEC FM 720 AND PRESTON ROAD (FRISCO)	918 915 660	300 CUSTER ROAD, PLANO SVC 15TH AND CUSTER ROAD, PLANO SEC FM 720 & PRESTON ROAD, FRISCO	CHLORINATED SOLVENTS CHLORINATED SOLVENTS TPH, BTEX	0 0 0	2002 2001 2000
			SECURITY STORAGE VACANT TRACT OF LAND/ARAF AHO AND QUORUM	501 204	1010 WEST 15TH STREET, PLANO SVC ARAFAHOE AND QUORUM, ADDISON	TPH TPH, PETROLEUM HYDROCARBONS	0 6C	2000 6C
	WPD	MSW	121 REGIONAL DISPOSAL LANDFILL CITY OF WYLIE: MW- 12 AND 13	MSW02294 MSW00712	CITY OF ANNA IS N CITY OF 0.5 MI. SE OF ST. HWY 78 & FM 2514 INTERSECTION, WYLIE, TX.	MW-4; NICKEL, ZINC VOCS (TOLUENE)	2B 2A 6C	2010 1998 6C
			NORTH TEXAS MUNICIPAL WATER DISTRICT LANDFILL	MSW00568A	500 OLD MILL RD MCKINNEY TX 75069		2B	2012
	OIL & GAS 3		LESLIE HEINSOHN COMPLAINT	MAR-07	8 MILES NW OF COLUMBUS	SODIUM CHLORIDE	1C	2000
	WAD	GPAT	USGS FREON PLUME STUDY		5 WELLS (68-22-801, 68-22-805, 68-23-304, 68-30-215, & 68-30-312) AND 2 SPRINGS (68-15-901 & 68-23-304) IN COMAL COUNTY	CCL3F (FREON)	1	2006
	COMANCHE RRC	OIL & GAS 7B		UNIDENTIFIED EXXONMOBILE REFINING AND SUPPLY CO.	7B-7401 OCP#3033	5 MILES NORTHWEST OF DUSTER FORMER DELEON STATION	BENZENE IN GW WELL BTEX, TPH	5 0
WAD		GPAT	TDA PESTICIDE SURVEY TDA PESTICIDE SURVEY	4105508 4105505	WELL NO. 41-05-508 (SAMPLE REP 2) "COMANCHE 9" WELL NO. 41-05-505 (SAMPLE 1171-91-003) "COMANCHE 31"	2,4,5-T METHYLACHLOR	2D 2D	2006 2006
COOKE RRC	OIL & GAS 9		CREED COMPLAINT	OCP# 1675	4 MILES NW OF MÜNSTER, COOKE COUNTY	NACL	5	2005
	REM	VC/VCP	GAINESVILLE MUNICIPAL AIRPORT - 2	758	2300 BONNAVILLE A, ROUTE 2, BOX 3416, GAINESVILLE	TPH	0	1999
TCEQ	WPD	MSW	CITY OF GAINESVILLE: MW-8A AND MW-9.	MSW00302	ON FM 902, 2.5 MI. E OF FM 372, GAINESVILLE, TX.	TDS, CL, VOCS.	2A	1996
			CITY OF GAINESVILLE LANDFILL	MSW00302	N OF FM 002 2.5 MILE E OF FM 002 AND FM 373 INTERSECTION IN COOKE COUNTY		6C	2006
			CITY OF GAINESVILLE LANDFILL	MSW00302	N OF FM 902 2.5 MILE E OF FM 902 AND FM 373 INTERSECTION IN COOKE COUNTY	MW-2; VOCS (CHLOROBENZENE); MW-3R; VOCS (1,4-DICHLOROBENZENE)	6C	2013

Figure 13. RRC Enforcement Status Summary

Enforcement Status	State oilfield cleanup funds and/or federal funds expended.	Judiciary court or attorney general referral.	Legal enforcement action or snow-cause hearing referral.	District Office initiated action.	D Referred to another agency	A by routine inspection.	B by review of data.	C initiated by complaint.	D referred by other agency.	Self reported by operator
5	FORMAL ACTION	2 5/1	2 5/3	4 5/4	5 5/5	2 5/6A				
4	FORMAL ACTION			1 4/4						
3	FORMAL ACTION	1 3/1	2 3/3	3 3/4	13 5	13 6A				
2	STAFF ACTION	1 2/1	7 2/3	9 2/4	6 2/5	1 2/6A 1 2/6B				
1	DISCOVERY	1 1A/1 1 1B/1 14 1C/1	2 1A/3 4 1B/3 14 1C/3	13 1A/4 6 1B/4 20 1C/4 2 1D/4	4 1A/5 2 1B/5 15 1C/5 2 1D/5	2 1B/6A 4 1C/6A 1 1C/6B 1 1C/6C				
0	DISCOVERY	9 0/1	47 0/3	129 0/4	91 0/5	13 0/6A 11 0/6C				

ACTIVITY STATUS

1 2 3 4 5 6

Contamination Confirmed	Investigation	Corrective Action Planning	Action Implemented	Action Monitoring	Action Completed
Contamination confirmed but not fully investigated	A Violations and contamination due to current activities found. B No violations and historical contamination.	Corrective action pending review and approval.	Corrective action underway.	Corrective action periodically observed for effectiveness.	A Remediation completed. No further action or inspection required. B Source eliminated. No further action required. C No further action required/ Institutional or engineering controls in effect.

Figure 14. RRC County Contamination Map

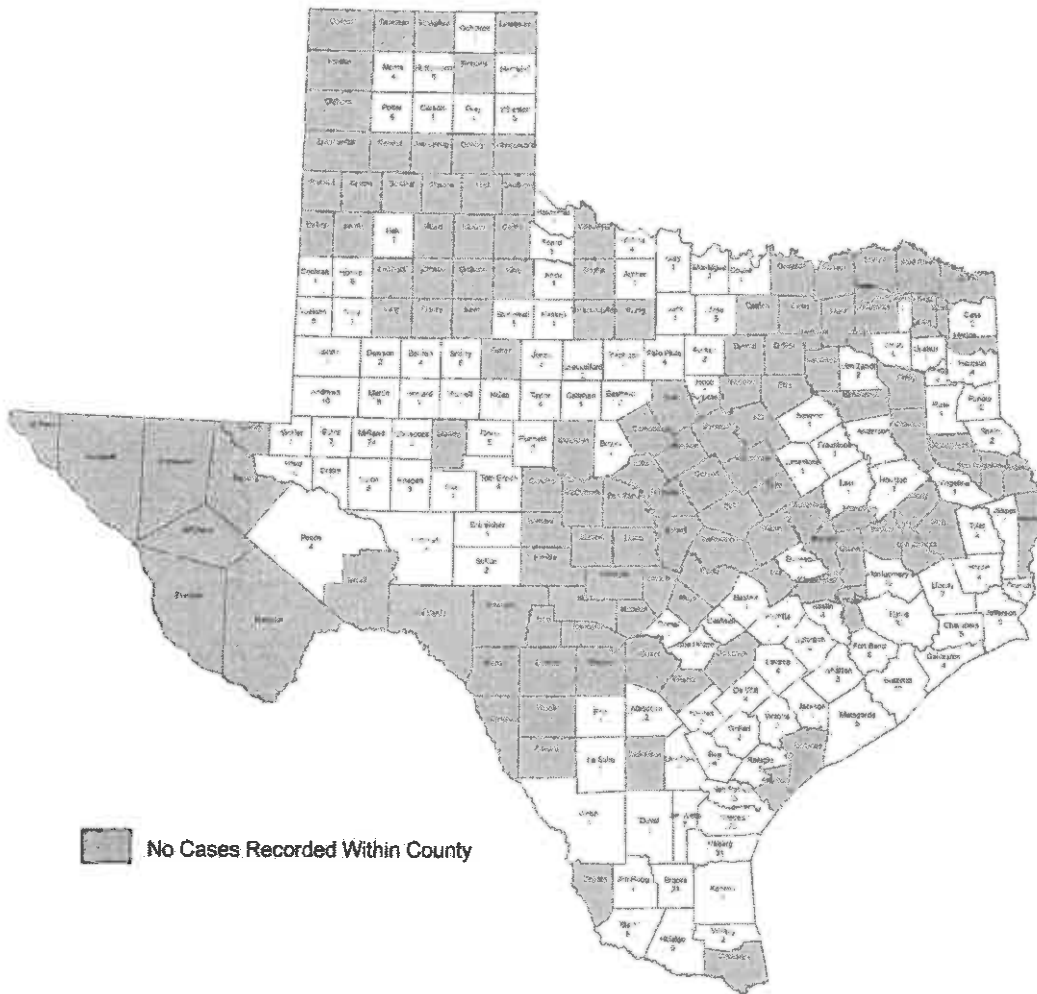


Figure 16. TAGD County Contamination Map



# **ATTACHMENT C**

**Water Loss Information  
(From Region C Water Loss Thresholds)**

Most Current Water Loss Audit Data - August 28, 2015

Region C 2015 Water Loss Thresholds - Collin, Cooke and Denton Counties

Entity	Region	Year of Audit	Population Size	Retail Connections Served	Service Connection Density (#/mile)	Average Yearly Operating Pressure (pounds per square inch)	Infrastructure Leakage Index (-)	Customer Meter Accuracy %	Data Handling Discrepancy Loss (gallons per connection per day)	Unsubstantiated Consumption (gallons per connection per day)	Apparent Loss per Connection (gallons per connection per day)	Real Loss per Connection (gallons per connection per day)	Real Loss per Mile (gallons per mile per day)	Percent total water loss (for comparison purposes only)
Altoga WSC	C	2010	500	218	8	55	n/a	95.0	0.6	0.6	11	n/a	198	15.9
Altoga WSC	C	2014	861	290	13	60	n/a	99.0	0.0	0.8	3	n/a	1,125	29.3
Argyle WSC	C	2010	2,028	2,028	8	70	n/a	99.0	0.0	1.7	7	n/a	717	14.4
Black Rock WSC	C	2013	1,300	487	7	53	n/a	100.0	0.0	0.8	1	n/a	165	8.0
City of Allen	C	2013	90,052	33,545	76	70	1.7	99.0	0.0	1.0	5	27	n/a	7.8
City of Allen	C	2014	91,429	34,225	76	70	2.2	99.0	0.0	0.9	4	34	n/a	10.9
City of Anna	C	2011	8,615	3,211	16	60	3.2	98.0	0.0	1.0	6	n/a	1,515	25.0
City of Callisburg	C	2010	1,812	604	5	65	n/a	95.0	0.0	0.5	9	n/a	99	13.9
City of Carrollton	C	2013	122,280	48,802	86	79	0.8	99.0	0.0	1.0	5	14	n/a	4.8
City of Carrollton	C	2014	124,400	48,802	84	79	0.7	99.0	0.0	1.0	5	11	n/a	4.1
City of Celina	C	2012	6,028	2,360	56	79	n/a	98.0	0.0	1.1	8	47	n/a	13.1
City of Corinth	C	2013	20,000	7,657	69	65	0.8	99.0	0.0	0.9	5	12	n/a	4.4
City of Corinth	C	2014	20,420	7,509	67	98	0.8	98.0	0.0	0.9	8	19	n/a	7.3
City of Denton	C	2013	116,098	35,152	61	76	2.1	95.7	0.0	1.3	22	38	n/a	11.4
City of Frisco	C	2014	144,640	55,547	65	75	0.4	98.0	0.0	0.9	8	7	n/a	4.0
City of Gainesville	C	2013	16,200	8,444	47	63	1.4	100.0	0.0	0.6	1	24	n/a	9.6
City of Gainesville	C	2014	16,200	8,043	45	63	1.6	100.0	0.0	0.7	1	27	n/a	10.5
City of Highland Village	C	2013	17,000	5,497	54	70	1.6	100.0	0.0	0.0	0	28	n/a	5.3
City of Krum	C	2010	3,800	1,483	59	52	n/a	99.0	0.0	0.8	4	27	n/a	10.1

Entity	Region	Year of Audit	Population Size	Retail Connections Served	Service Connection Density (#/mile)	Average Yearly Operating Pressure (pounds per square inch)	Infrastructure Leakage Index (-)	Customer Meter Accuracy %	Data Handling Discrepancy Loss (gallons per connection per day)	Unauthorized Consumption (gallons per connection per day)	Apparent Loss per Connection (gallons per connection per day)	Real Loss per Connection (gallons per connection per day)	Real Loss per Mile (gallons per mile per day)	Percent total water loss (for comparison purposes only)
City of Krum	C	2014	4,900	1,793	74	56	n/a	92.6	0.0	0.6	18	14	n/a	12.8
City of Lewisville	C	2013	97,140	41,355	109	55	1.7	99.0	0.0	0.2	3	19	n/a	6.6
City of Lewisville	C	2014	98,340	43,832	115	55	1.3	99.0	0.3	0.7	4	14	n/a	6.0
City of Lindsay	C	2010	1,012	432	36	64	n/a	96.0	0.0	0.7	11	3	n/a	5.4
City of Lucas	C	2010	5,564	1,890	34	60	n/a	99.0	1.4	1.7	9	108	n/a	17.6
City of McKinney	C	2013	144,100	47,404	55	65	2.1	93.0	0.0	1.4	36	34	n/a	13.0
City of McKinney	C	2014	155,142	49,595	49	82	5.6	96.0	0.0	1.2	16	119	n/a	27.5
City of Melissa	C	2013	7,290	2,243	45	65	n/a	96.0	0.0	1.0	14	46	n/a	15.7
City of Muenster	C	2010	1,556	773	45	79	n/a	97.0	0.0	0.7	9	5	n/a	4.9
City of Murphy	C	2013	18,960	5,954	63	60	4.9	99.0	0.0	1.3	6	70	n/a	14.1
City of Murphy	C	2014	19,515	6,057	64	60	4.9	99.0	0.0	1.1	5	68	n/a	16.8
City of Pilot Point	C	2010	5,200	1,833	73	60	n/a	98.0	0.0	0.7	5	26	n/a	11.2
City of Plano	C	2013	266,600	82,085	59	70	4.1	99.2	0.0	1.6	6	69	n/a	11.7
City of Plano	C	2014	270,900	82,700	57	70	3.9	99.4	0.0	1.4	4	67	n/a	12.5
City of Richardson	C	2013	100,850	33,891	59	50	4.8	99.0	0.0	1.6	7	58	n/a	10.2
City of Richardson	C	2014	101,820	34,309	59	50	3.2	99.0	0.0	1.4	7	39	n/a	8.1
City of Sachse	C	2013	21,596	7,826	67	65	4.6	99.0	0.0	1.0	4	69	n/a	19.1
City of Sachse	C	2014	22,026	8,343	70	65	2.2	99.0	0.0	0.8	3	32	n/a	11.9
City of The Colony	C	2013	40,028	12,030	61	50	5.0	96.0	0.0	1.0	14	60	n/a	19.2
City of The Colony	C	2014	42,268	12,087	58	62	3.6	98.5	0.0	0.9	6	55	n/a	16.0
City of Wylie	C	2013	39,279	13,093	87	65	0.9	98.0	0.0	0.8	7	12	n/a	5.8
Country Ridge Water	C	2013	536	208	43	65	n/a	96.0	0.0	1.5	25	12	n/a	6.0



Entity	Region	Year of Audit	Population Size	Retail Connections Served	Service Connection Density (#/mile)	Average Yearly Operating Pressure (pounds per square inch)	Infrastructure Leakage Index (-)	Customer Meter Accuracy %	Data Handling Discrepancy Loss (gallons per connection per day)	Unauthorized Consumption (gallons per connection per day)	Apparent Loss per Connection (gallons per connection per day)	Real Loss per Connection (gallons per connection per day)	Real Loss per Mile (gallons per mile per day)	Percent total water loss (for comparison purposes only)
Culleoka WSC	C	2010	6,250	2,086	22	70	n/a	99.0	0.0	0.6	3	n/a	579	11.6
Denton County FWSD 1-A C	C	2012	9,426	2,998	54	79	n/a	98.0	0.0	0.0	11	50	n/a	9.8
Denton County FWSD 7 Lam	C	2013	9,204	2,832	69	90	n/a	98.0	0.0	1.3	11	4	n/a	3.0
Denton Estates Mobile Hom	C	2013	123	45	36	45	n/a	100.0	0.0	0.6	1	21	n/a	9.2
Desert WSC	C	2010	1,722	574	9	60	n/a	95.0	0.0	0.6	10	n/a	315	19.1
Double Rock Estates	C	2010	105	35	35	50	n/a	100.0	0.0	0.3	0	19	n/a	14.6
East Fork SUD	C	2010	9,096	3,032	43	48	1.6	98.0	0.0	0.8	7	21	n/a	8.6
Era WSC	C	2010	420	140	28	60	n/a	95.0	0.0	0.6	11	n/a	716	15.4
Forest Hill Two WSC	C	2010	116	36	36	60	n/a	95.0	0.0	0.0	23	9	n/a	6.8
Harbor Grove WSC	C	2010	420	140	35	35	n/a	98.0	0.0	0.5	4	12	n/a	8.8
Kiowa Homeowners WSC	C	2013	1,970	1,254	54	61	n/a	100.0	0.0	0.0	0	0	n/a	0.1
Knob Hill Water System	C	2010	180	74	19	40	n/a	98.0	0.0	0.6	5	n/a	107	4.7
Longhorn Meadows Additio	C	2010	591	197	25	61	n/a	100.0	0.0	0.5	1	n/a	38	1.0
Marilee SUD	C	2010	5,001	1,665	7	55	n/a	98.0	0.0	0.8	6	n/a	256	13.2
Meadow Ranch Water System	C	2010	36	12	12	50	n/a	100.0	0.0	0.5	0	n/a	95	4.3
Milligan WSC	C	2010	3,285	1,095	30	65	n/a	98.0	0.0	0.7	6	n/a	97	3.4
Mountain Springs WSC	C	2010	2,802	994	2	75	n/a	98.0	0.0	0.8	6	n/a	62	10.7
Mustang SUD	C	2013	15,130	4,323	24	65	0.2	98.0	0.1	0.8	7	5	n/a	3.8
North Farmersville WSC	C	2010	670	224	15	65	n/a	92.0	0.0	0.8	25	n/a	291	13.6
Oak Bend Homeowners Wa	C	2010	70	30	30	55	n/a	100.0	0.0	0.2	0	n/a	17	0.2
Pilot Point Rural Water Supp	C	2010	28	28	28	46	n/a	100.0	0.0	0.6	1	n/a	32	0.8
Stonebridge WSC	C	2010	45	15	15	42	n/a	100.0	0.0	0.4	0	n/a	5	0.2

Entity	Region	Year of Audit	Population Size	Retail Connections Served	Service Connection Density (#/mile)	Average Yearly Operating Pressure (pounds per square inch)	Infrastructure Leakage Index (%)	Customer Meter Accuracy %	Data Handling Discrepancy Loss (gallons per connection per day)	Unauthorized Consumption (gallons per connection per day)	Apparent Loss per Connection (gallons per connection per day)	Real Loss per Connection (gallons per connection per day)	Real Loss per Mile (gallons per mile per day)	Percent total water loss (for comparison purposes only)
Terraced Acres WSC	C	2010	75	25	25	55	n/a	100.0	0.0	0.8	1	n/a	1,804	22.1
Town of Flower Mound	C	2013	67,615	21,359	53	75	2.1	99.0	0.0	1.5	7	40	n/a	7.6
Town of Flower Mound	C	2014	68,667	22,404	53	75	1.9	99.0	0.0	1.5	7	35	n/a	7.0
Town of Little Elm East	C	2013	28,704	9,568	80	65	0.9	98.0	0.0	0.8	7	12	n/a	5.9
Town of Little Elm East	C	2014	32,043	10,681	86	65	2.2	98.6	0.0	0.7	4	31	n/a	12.3
Town of Little Elm West	C	2013	720	240	28	57	n/a	98.5	0.0	0.8	5	n/a	535	7.9
Town of Northlake	C	2010	1,550	400	33	50	n/a	99.0	0.0	1.7	9	3	n/a	1.6
Town of Ponder	C	2010	2,400	800	20	55	n/a	95.0	0.3	0.8	15	n/a	23	5.2
Town of Prosper	C	2010	9,350	3,127	50	80	2.1	99.0	0.0	1.5	7	43	n/a	8.3
Town of Westlake	C	2010	847	478	32	100	n/a	100.0	0.0	4.6	5	127	n/a	7.1
Trophy Club MUD 1	C	2013	8,440	3,014	50	55	n/a	99.0	0.0	2.2	10	61	n/a	8.2
Trophy Club MUD 1	C	2014	8,683	3,100	48	76	1.4	97.0	0.0	1.7	20	28	n/a	7.4
Verona SUD	C	2010	2,745	915	12	65	n/a	96.0	0.0	0.6	9	n/a	516	20.0
Weston WSC	C	2010	693	231	15	60	n/a	96.0	0.0	0.8	10	n/a	1,179	27.2
Woodbine WSC	C	2010	5,619	1,870	5	75	n/a	98.0	0.0	0.7	6	n/a	74	7.5
Wylie Northeast SUD	C	2013	4,918	1,306	50	68	n/a	97.0	0.0	0.8	10	17	n/a	8.1