

**CITY OF ROCKDALE**

**WATER CONSERVATION PLAN**

**&**

**DROUGHT CONTINGENCY PLAN**

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**April 2019**

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## WATER CONSERVATION PLAN

### CITY OF ROCKDALE, TEXAS PWS ID No. 1660002

#### **Section I: Water Conservation Goals**

The City of Rockdale will continue existing water conservation policies and increase its emphasis on water conservation measures to accomplish the goals presented below. The City of Rockdale goals with respect to water conservation are to:

- o Reduce unaccounted for water for a five (5) year average of five percent (5%) to 47 gpcd by 2024 and a ten (10) year average of ten (10%) percent to 40 gpcd.  
This will be accomplished through improved water use accounting and best management practices including leak detection and repair.
- o Reduce the per capita per day consumption by approximately five percent (5%) for a five year goal and a ten year reduction goal of ten (10%) percent. The five-year average for gpcd of 137.29 gpcd to 130 gpcd by the Year 2024 and gpcd of 110 gpcd for year 2029.
- o Reduce the average residential per capita day consumption (66.29) by approximately five percent (5%) by year 2024 to 62.975 and a ten year goal reduction of average residential goal for per capita per day to 59.661 gpcd.
- o Continue the meter testing, repair and replacement program, as well as, leak detection efforts in order to reduce the unaccounted for water
- o Establish water conservation rates to reduce consumption.

These goals are consistent with commonly accepted industry standards and with the "expected" water conservation effects included in Texas Water Development Board (TWDB) water demand projections for the City. Through TWDB, Community Development Block Grants (TxCDBG), and Post Oak Savannah Groundwater Conservation District (POSGCD) programs we will address water conservation programs and water line replacement with the goal of reducing water loss.

#### **Section II: Water Conservation Program**

The following actions will be taken by the City of Rockdale to accomplish the above stated goals:

##### **A      Public Education and Awareness**

Public education and awareness is an essential component of the City's water conservation program. The objective is to communicate to the City's residents the need for and benefits of water conservation and to provide useful consumer-oriented information on water conservation practices and technologies. The City will obtain and disseminate such information through a variety of avenues including:

- Providing water conservation literature to new utility customers at the time they apply for service, to utility customers reporting high water use, and at the utility sales office on a continuing basis;

- Providing training and publicity of the use of native plants and grasses to reduce lawn water demands through POSGCD programs; and Providing consumer tips on water conservation in a newsletter to be posted at all water offices, City Hall, and to be distributed at civic events.

The City will utilize video and social media announcements on water conservation from the POSGCD and make these available to the local media. POSGCD videos on state water resources issues and water conservation will also be provided to the general public, social media, and media.

The City is a partner of POSGCD which includes water conservation and rainwater harvesting annual programs at the High School, Elementary School, library, and Patterson Center.

#### B. Plumbing Fixture Efficiency Standards

Since 1992 state law has prohibited the sale of certain plumbing fixtures that do not conform to specific water use efficiency standards. For example, water use by tank-type toilets sold within Texas is not to exceed 1.6 gallons per flush. Showerheads are limited to 2.5 gallons per minute flow rate. Similar water efficiency standards have been adopted by the federal government. These state and federal water efficiency standards effectively supersede and replace local standards and eliminate the need for enforcement of plumbing code standards for water efficiency at the local level.

In 1991, the Texas Legislature passed legislation requiring that plumbing fixtures sold in Texas after January 1, 1992, meet the following standards:

- Shower Heads: No more than 2.75 gallons per minute at 80 pounds per square inch of pressure.
- Laboratory/Sink Faucets and Aerators: 2.2 gpm or less at 60 pounds per square inch of pressure.
- Wall mounted, Flushometer Toilets: No more than 2.0 gallons per flush.
- All other Toilets: No more than 1.6 gallons per flush.
- Drinking Water Fountains: Must be self-closing.

The above standards are enforced through requirements placed directly on the manufacturers importers, and supplies of new fixtures in Texas.

In addition, the City encourages the following water conservation measures:

- Hot Water Pipes: Hot water lines not in or under a concrete slab installed be insulated.
- Pressure Reduction Valves: The City will install pressure reduction valves where system pressures exceed 80 pounds per square inch on the City side of the meter.
- Swimming Pools: Swimming pools should have recirculating filtration equipment.
- Automatic Dishwashers: Automatic dishwashers installed in residential dwellings should be a design that uses a maximum of six gallons of water per cycle.
- Automatic Clothes washers: Automatic Clothes washers installed in residential dwellings should be a design that uses a maximum of 14 gallons of water per cycle.

New plumbing fixtures that replace or renovate existing plumbing fixtures should follow the residential and commercial construction requirements:

The use of water efficient plumbing fixtures in new construction and as replacements in construction is expected to significantly reduce per capita water use and wastewater flows over time. Importantly, such savings will occur "passively" in that market penetration will occur as a consequence of new development and as older inefficient

plumbing fixtures wear out and are replaced. Also, water savings associated with high-efficiency plumbing fixtures are relatively predictable as the savings are not dependent on conscious effort by the consumer to modify water use behaviors. The City's plumbing code encourages the use of water conserving plumbing fixtures for residential and commercial construction. The City of Rockdale has adopted the 2012 International Plumbing Code.

### C. Plumbing Fixture Retrofit and Replacement

The City will encourage the retrofit and/or replacement of older, inefficient plumbing fixtures and appliances through the public education and awareness activities described above. Particular emphasis will be placed on the expected cost-savings and payback periods through reduced water, wastewater, and energy costs. Also, as previously indicated, retrofit kits will be provided through the "*Major Rivers*" program. In addition, the City will investigate the costs and benefits of replacing inefficient plumbing fixtures in all city-owned facilities.

### D. Water Rate Structure

The city of Rockdale has a rate structure which encourages water conservation. The conservation oriented water rate structure is an inclining block rate based on usage. The schedule of monthly rates or charges for water service furnished by the city shall be, and such is hereby adopted and established as set forth in Appendix A: Fee Schedule, Section EE: Utilities and Solid Waste.

### E. Metering and Repair

Metering all water services is an effective means of improving and maintaining control of water system operations and provides the basis for efficient and equitable cost recovery. Metering provides a database for system performance monitoring, for planning future facilities, and for assessing the effects of water conservation measures. Metering also improves accountability for both water deliveries and for unaccounted for water losses. The City of Rockdale meters all water accounts, including those serving city facilities.

The City of Rockdale meters the quantity of water that is delivered to each residential and commercial customer, and to each public use, including City facilities. Meters are read and the quantities are recorded once per month, with billings made monthly to residential and commercial customers.

Periodic testing, repair and/or change-out of meters is essential to an effective metering program. All meters larger than two (2) inches, are tested by the City annually and meters one and one-half (1 ½) inches and smaller, are tested on a cycle of once every five (5) years. Meters found to perform outside accepted parameters for accuracy will be repaired or replaced as required.

The City meters all water sales and public uses, and operates a meter replacement program with the objective to replace 15 percent of residential meters per year, and a goal to replace all residential meters every 7 to 8 years. All commercial meters are tested annually and replaced as necessary. The City plans to continue this program.

The City has instituted procedures to improve accounting for un-metered water losses resulting from the flushing of water mains, firefighting, and main breaks. These procedures allow the City to better estimate actual water losses due to leakage and will aid in evaluating the cost and benefits associated with leak detection and the repair or replacement of main waterlines.

### F. Leak Detection and Repair

The City of Rockdale performs a water survey and water audit annually through the Texas Water Development Board. The city is also reports the annual water losses on the annual Consumer Confidence Report required by the Texas Commission on Environmental Quality. Efforts currently used for water leak detection are:

1. Leaks reported by citizens.
2. Leak detection by Meter Readers.
3. Continual checking and servicing of production, pumping and storage facilities.
4. Quick response by maintenance department and staff to respond to reported problems.
5. Utility employees will conduct regular inspections and soundings on all water mains, fittings and connections.
6. Keeping records for number of gallons, based on standard calculations using pipe size, flow, and length of time. Also keeping records for number of leaks and number of replaced piping.
7. Pressure surges in the water system will be appropriately managed and limited.

With the implementation of this BMP the city of Rockdale will strive to maintain a proactive water loss and leak detection program. The city is aware that the TWDB and TCEQ has leak detection equipment for use, at no cost, in assisting communities with their leak detection programs.

#### G. Water-Conserving Landscaping

The City does not require water conserving landscaping. However, the City does, through its education and awareness activities, encourage residents to adopt water-efficient landscaping and landscape maintenance practices. Through its public information program, the City encourages and supports the use of xeriscape landscaping techniques. Utilities staff distribute xeriscape literature and provide presentation at public meetings on water conserving landscaping and lawn watering methods. Particular emphasis is placed on providing such information in advance of and during the summer lawn water season. The City will work cooperatively with POSGCD to make citizens aware of POSGCD conservation programs which include rainwater harvesting grants to assist businesses and residents.

#### H. Reuse

The City does not reuse treated wastewater effluent at this time, but is exploring opportunities with POSGCD by conducting studies and evaluations of this strategy.

#### I. Pressure Reduction

Pressure is the force which determines how much water can pass through a given faucet, valve, pipe or hole in a given time. For example, test for one type of faucet showed that flow rates through the faucet opened at a constant setting varied from 3.0 to 5.6 gallons per minute at 150 psi. From this example, it is obvious that pressure reduction will help save water by reducing the amount of water that will flow through an opened valve or faucet in a given time period. Pressure reduction also saves water by reducing excessive mechanical stress on plumbing fixtures and appliances and on distribution systems. Faucet seats and washers will last longer, washing machine and dishwasher valves will break less frequently, pipe joints will be less susceptible to failure, and leaks in distribution systems will lose water more slowly at lower pressures. For these reasons, many utility plumbing codes and regulations require pressure reduction for customer connections.

J. Means of implementation and Enforcement

The City's Public Works Director will have the primary responsibility for implementing the plan. Water Conservation orders will be enforced by the City of Rockdale Police Department, Code Enforcement Officer, Utility Department personnel and Municipal Court, as appropriate.

**Section III. Reporting**

The service area of the City of Rockdale is located within the Brazos G Regional Water Planning Group ([brazosgwater.org](http://brazosgwater.org)) and the City of Rockdale has provided a copy of this plan to this entity.

For POSGCD, the City reports production and consumption when filing for grants and informational purposes.

The City of Rockdale is required to report water loss on the Consumer Confidence Report, annually. The city is also required to submit an annual Water Survey to the Texas Water Development Board, (TWDB). The city is required to update the existing Water Conservation Plan and Drought Contingency Plan and associated forms to the TCEQ and TWDB at a minimum of every five years.

In the event the City of Rockdale requests loans from the TWDB, the City of Rockdale will be obligated to the TWDB (under Rule 31 TAC 363.71) to submit an annual report to the Executive Administrator of the TWDB on the implementation and status of the City's water conservation programs for three (3) years after the closing date for loans made by the TWDB. The report will be in a form and will include all information required by TWDB staff to determine the City's compliance with the Water Conservation and Drought Contingency Plans.

The annual review of the water conservation program will be completed by the City's Public Works Director. The City's Public Works Director will be alert throughout the year to any changes in the water supply and distribution system; or, to any changes in population, which could affect the goals and objectives of the City of Rockdale's Water Conservation Plan. Periodic and in depth reviews will be made to determine if such changes discussed above might require an amendment or major changes in the plan.

## REGULATORY COMPONENT

### ORDINANCE NO.

**AN ORDINANCE OF THE CITY OF ROCKDALE, TEXAS, AMENDING AND ADOPTING THE WATER CONSERVATION PLAN AND DROUGHT CONTINGENCY PLAN; ESTABLISHING RESTRICTIONS OF CERTAIN WATER USES; ESTABLISHING PENALTIES FOR THE VIOLATION OF AND PROVISIONS FOR ENFORCEMENT OF THESE RESTRICTIONS; ESTABLISHING PROCEDURES FOR GRANTING VARIANCES; AND PROVIDING SEVERABILITY AND AN EFFECTIVE DATE.**

WHEREAS , the City of Rockdale, Texas wishes to maximize its water resources and recognizes that the amount of water available to the City and its water utility customers is limited and subject to depletion during periods of extended drought;

WHEREAS, the City recognizes that natural limitations due to drought conditions and other acts of God cannot guarantee an uninterrupted water supply for all purposes;

WHEREAS, Title 30, Part 1, Chapter 288, Subchapter C 288.30(1) of the Texas Administrative Code and applicable rules of the Texas Commission on Environmental Quality require the holder of an existing permit, certified filing, or certificate of adjudication for the appropriation of surface water in the amount of 1,000 acre-feet a year or more for municipal, industrial, and other non-irrigation uses shall develop, submit, and implement a water conservation plan meeting the requirements of Subchapter A of this chapter (relating to Water Conservation Plans);

WHEREAS, the City established and adopted a Water Conservation Plan in May 2005 with Ordinance 2005-05-09 (SA) and is updating the ordinance as needed; and

WHEREAS, as authorized under law, and in the best interests of the citizens of Rockdale, Texas, the City Council deems it expedient and necessary to update established rules and policies for the orderly and efficient management of limited water supplies during drought and other water supply emergencies;

NOW THEREFORE, BE IT ORDAINED BY THE CITY OF ROCKDALE, TEXAS:

## SECTION 1.

That the City of Rockdale, Texas Water Conservation Plan attached hereto as Exhibit "A" and the Drought Contingency Plan attached hereto as "Exhibit B" and made part hereof for all purposes be, and the same is hereby, adopted as the official policy of the City.

## SECTION 2.

That all ordinances that are in conflict with the provisions of this ordinance be, and the same are hereby, repealed and all other ordinances of the City not in conflict with the provisions of this ordinance shall remain in full force and effect.

## SECTION 3.

Should any paragraph, sentence, subdivision, clause, phrase, or section of this ordinance be adjudged or held to be unconstitutional, illegal or invalid, the same shall not affect the validity of this ordinance as a whole or any part or provision thereof, other than the part so declared to be invalid, illegal, or unconstitutional.

## SECTION 4.

This ordinance shall take effect immediately from and after its passage and the publication of the caption, as the law in such cases provides.

**PASSED AND APPROVED** on First Reading this \_\_\_\_\_ day of \_\_\_\_\_ 2019.

**FINALLY PASSED AND APPROVED** on this \_\_\_\_\_ day of \_\_\_\_\_ 2019.

THE CITY OF ROCKDALE

Attest:

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John F. King, Mayor

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Terry Blanchard, TRMC, City Secretary



# Drought Contingency Plan for CITY OF ROCKDALE

PWS ID No. 1660002

**Drought Contingency Plans must be formally adopted by the governing body of the water provider and documentation of adoption must be submitted with the plan.**

Name:	<u>City of Rockdale</u>	
Address:	<u>P.O. Box 586 Rockdale , Texas 76567</u>	
Telephone Number:	<u>(512 ) 446-2511</u>	<u>Fax: (512 ) 683-7112</u>
PWS ID No.:	<u>1660002</u>	
Regional Water Planning Group:	<u>Region G,</u>	<u>Regional Water Planning Group/ Milam County Post Oak Savanah Groundwater Conservation District</u>
Form Completed by:	<u>Siglinda West</u>	
Title:	<u>Project Assistant</u>	
Water Conservation Coordinator responsible for implementation:	<u>Jason Hubbell</u>	<u>Phone: ( 512 ) 446-2511</u>

## Section I: Declaration of Policy, Purpose, and Intent

In order to conserve the available water supply and protect the integrity of water supply facilities, with particular regard for domestic water use, sanitation, and fire protection, and to protect and preserve public health, welfare, and safety and minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the City of Rockdale hereby adopts the following regulations and restrictions on the delivery and consumption of water.

Water uses regulated or prohibited under this Drought Contingency Plan (the Plan) are considered to be non-essential and continuation of such uses during times of water shortage or other emergency water supply condition are deemed to constitute a waste of water which subjects the offender(s) to penalties as defined in Section X of this Plan.

## Section II: Public Involvement

Opportunity for the public to provide input into the preparation of the Plan was provided by the City of Rockdale by means of scheduling and providing public notice of a public meeting to accept public input on the Plan.

## Section III: Public Education

The City of Rockdale will periodically provide the public with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. This information will be provided by means of public events, press releases, public notice posting, or utility bill inserts.

## Section IV: Coordination with Regional Water Planning Groups

The service area of the City of Rockdale is located within the Region G, Brazos Regional Water Planning Group and City of Rockdale has provided a copy of this Plan to the Region G, Brazos Regional Water Planning Group and Milam County Post Oak Savanah Groundwater Conservation District, as required.

## Section V: Authorization

The Mayor and/or City Administrator, or his/her designee is hereby authorized and directed to implement the applicable provisions of this Plan upon determination that such implementation is necessary to protect public health, safety, and welfare. The City Administrator or his/her designee shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

## Section VI: Application

The provisions of this Plan shall apply to all persons, customers, and property utilizing water provided by the City of Rockdale. The terms "person" and "customer" as used in the Plan include individuals, corporations, partnerships, associations, and all other legal entities.

## Section VII: Definitions

For the purposes of this Plan, the following definitions shall apply:

Aesthetic water use: water use for ornamental or decorative purposes such as fountains, reflecting pools, and water gardens.

Commercial and institutional water use: water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as retail establishments, hotels and motels, restaurants, and office buildings.

Conservation: those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water or increase the recycling and reuse of water so that a supply is conserved and made available for future or alternative uses.

Customer: any person, company, or organization using water supplied by the City of Rockdale.

Domestic water use: water use for personal needs or for household or sanitary purposes such as drinking, bathing, heating, cooking, sanitation, or for cleaning a residence, business, industry, or institution.

Even number address: street addresses, box numbers, or rural postal route numbers ending in 0, 2, 4, 6, or 8 and locations without addresses.

GPCD: Gallons per capita per day (water pumped - water sold / by population / 365)

Industrial water use: the use of water in processes designed to convert materials of lower value into forms having greater usability and value.

Landscape irrigation use: water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns gardens, golf courses, parks, and rights-of-way and medians.

Non-essential water use: water uses that are not essential nor required for the protection of public, health, safety, and welfare, including:

- (a) irrigation of landscape areas, including parks, athletic fields, and golf courses, except otherwise provided under this Plan;
- (b) use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle;
- (c) use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
- (d) use of water to wash down buildings or structures for purposes other than immediate fire protection;
- (e) flushing gutters or permitting water to run or accumulate in any gutter or street;
- (f) use of water to fill, refill, or add to any indoor or outdoor swimming pools or Jacuzzi-type pools;
- (g) use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
- (h) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and
- (i) use of water from hydrants for construction purposes or any other purposes other than firefighting.

Odd numbered address: street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.

## Section VIII: Criteria for Initiation and Termination of Drought Response Stages

The Mayor, City Administrator or his/her designee shall monitor water supply and/or demand conditions on a daily, weekly, and monthly basis and shall determine when conditions warrant initiation or termination of each stage of the Plan, that is, when the specified “triggers” are reached.

The triggering criteria described below are based on triggering criteria / trigger levels based on a statistical analysis of the vulnerability of the water source under drought of record conditions, and /or based on known system capacity limits.

### Stage 1 Triggers -- MILD Water Shortage Conditions

#### Requirements for initiation

Customers shall be requested to voluntarily conserve water and adhere to the prescribed restrictions on certain water uses, defined in Section VII Definitions, when:

- a. Average daily water consumption reaches 80% of production of the safe design capacity of the water system. (1.78 MGD)
- b. Consumption (80%) has existed for a period of three days.
- c. The utility will reduce the average daily water consumption by five (**5%**) or **0.024** million gallons per day (MGD)
- d. The utility will reduce the average GPCD by one percent (**1%**) or **1.18** GPCD
- e. Weather conditions are considered to be in drought classification. Predicted long, hot or dry periods will be predicted to last for more than five (5) days.

#### Requirements for termination

Stage 1 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days.

### Stage 2 Triggers -- MODERATE Water Shortage Conditions

#### Requirements for initiation

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses provided in Section IX of this Plan when:

- a. Average daily water consumption reaches 85% of production of the safe design capacity of the water system. (1.89 MGD)
- b. Consumption (85%) has existed for a period of three days.
- c. The utility will reduce the average daily water consumption by seven (**7%**) or **0.033** million gallons per day (MGD).
- d. The utility will reduce the average GPCD by two (**2%**) or **2.36** GPCD
- e. Weather conditions are to be considered in drought classification determination. Predicted long, hot or dry periods are to be considered in the impact analysis.

#### Requirements for termination

Stage 2 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days. Upon termination of Stage 2, Stage 1 becomes operative.

### Stage 3 Triggers – SEVERE Water Shortage Conditions

#### Requirements for initiation

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 3 of this Plan when:

- a. Average daily water consumption reaches 90% of production of the safe design capacity of the water system. (2.01 MGD)
- b. Consumption (90%) has existed for a period of three days.
- c. The utility will reduce the average daily water consumption by **ten percent(10%) or 0.048** million gallons per day
- d. The utility will reduce the average GPCD by three (**3%**) or **3.54** GPCD
- e. Weather conditions are to be considered in drought classification determination. Predicted long, hot or dry periods are to be considered in the impact analysis.

#### Requirements for termination

Stage 3 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days. Upon termination of Stage 3, Stage 2 becomes operative.

### Stage 4 Triggers -- CRITICAL Water Shortage Conditions

#### Requirements for initiation

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 4 of this Plan when

- a. Average daily water consumption reaches 95% of production of the safe design capacity of the water system (2.21 MGD).
- b. Consumption (95%) has existed for a period of three days.
- c. The utility will reduce the average daily water consumption by fifteen (15%) **or 0.072** million gallons per day (MGD)
- d. The utility will reduce the average GPCD by four (4%) **or 4.72** GPCD
- e. Weather conditions are to be considered in drought classification determination. Predicted long, hot or dry periods are to be considered in the impact analysis.

Requirements for termination

Stage 4 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of three consecutive days. Upon termination of Stage 4, Stage 3 becomes operative.

## Stage 5 Triggers -- EMERGENCY Water Shortage Conditions

Requirements for initiation

Customers shall be required to comply with the requirements and restrictions for Stage 5 of this Plan when Rockdale Mayor, City Administrator, or his/her designee, determines that a water supply emergency exists based on:

- a. Average daily water consumption reaches 100% of production of the safe design capacity of the water system. (2.23 MGD)
- b. Consumption (100%) has existed for a period of three days.
- c. The utility will reduce the average daily water consumption by twenty (20%) or 0.096 million gallons per day (MGD)
- d. The utility will reduce the average GPCD by five (5%) or 5.90 GPCD
- e. Weather conditions are to be considered in drought classification determination. Predicted long, hot or dry periods are to be considered in the impact analysis.

or

- 1. Major water line breaks, or pump or system failures occur, which cause unprecedented loss of capability to provide water service; **or**
- 2. Natural or man-made contamination of the water supply source(s).

In the event Critical or Emergency classification conditions persist (Item 4 and 5 above) for an extended period of time, the City may ration water usage and/or terminate service to selected users of the system in accordance with the following sequence:

- (1) Recreational Users
- (2) Residential Users
- (3) Commercial Users
- (4) Industrial Users
- (5) School Users
- (6) Public Health and Safety Facilities

## Section IX: Drought Response Stages

The Mayor, City Administrator, or his/her designee, shall monitor water supply and/or demand conditions on a daily basis and, in accordance with the triggering criteria set forth in Section VIII of this Plan, shall determine that a mild, moderate, severe, critical, emergency or water shortage condition exists and shall implement the following notification procedures:

### Notification

#### Notification of the Public:

The Mayor, City Administrator, or his/ her designee shall notify the public.

Notification will be via:

Publication in newspaper of general circulation in Milam County,  
direct mail to each customer,  
public service announcements,  
signs posted in public places such as City Hall,  
and take home fliers from Rockdale Schools.

Additional Notification:

The Rockdale Mayor, City Administrator or his/ her designee shall notify directly, or cause to be notified directly, the following individuals and entities:

**Individuals and/ or entities to be notified:**

City of Rockdale Mayor and members of the City Council. Rockdale Fire Chief  
City of Rockdale and/ or Milam County Emergency Management Coordinator Milam  
County Judge and Commissioner(s)  
Post Oak Savanah Groundwater Conservation District  
TCEQ (required when mandatory restrictions are imposed) Major Water Users  
Critical Water Users (Hospitals, nursing facilities, dialysis centers) Parks/ Street department  
and public works/ facilities managers

**Stage 1 Response -- MILD Water Shortage Conditions**

**Target: Achieve a voluntary five percent (5%) reduction in average daily water demand.**

**Average daily water demand to be reduced by approximately 0.024 (MGD) million gallons per day and reduce the Total GPCD by one (1 %) percent.**

Best Management Practices for Supply Management:

*Measures to be implemented directly by the City of Rockdale to manage limited water supplies and/or reduce water demand. This includes: reduced or discontinued flushing of water mains, reduced or discontinued irrigation of public landscaped areas, and use of reclaimed water for non-potable purposes.*

Voluntary Water Use Restrictions for Reducing Demand:

- (a) Water customers are requested to voluntarily limit the irrigation of landscaped areas to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and

Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and to irrigate landscapes only between the hours of midnight and 10:00 a.m. and 8:00 p.m. to midnight on designated watering days.

- (b) All operations of the City of Rockdale shall adhere to water use restrictions prescribed for Stage 2 of the Plan.
- (c) Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

## Stage 2 Response -- MODERATE Water Shortage Conditions

**Target: Achieve a seven (7%) percent reduction in average daily water demand.**

**Average daily water demand reduced by 0.033 million gallons per day and the total GPCD will be reduced by two (2%) percent.**

### Best Management Practices for Supply Management:

*Measures to be implemented directly by the City of Rockdale to manage limited water supplies and/or reduce water demand. This includes: reduced or discontinued flushing of water mains, reduced or discontinued irrigation of public landscaped areas; use of reclaimed water for non-potable purposes.*

### Water Use Restrictions for Demand Reduction:

Under threat of penalty for violation, the following water use restrictions shall apply to all persons:

- (a) Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and irrigation of landscaped areas is further limited to the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, irrigation of landscaped areas is permitted at any time if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.

- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rises. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public is contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.
- (c) Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or Jacuzzi-type pools is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.
- (d) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.
- (e) Use of water from hydrants shall be limited to firefighting, related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the City of Rockdale
- (f) Use of water for the irrigation of golf course greens, tees, and fairways is prohibited except on designated watering days between the hours 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight. However, if the golf course utilizes a water source other than that provided by the City of Rockdale, the facility shall not be subject to these regulations.
- (g) All restaurants are prohibited from serving water to patrons except upon request of the patron.
- (h) The following uses of water are defined as non-essential and are prohibited:

1. wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
2. use of water to wash down buildings or structures for purposes other than immediate fire protection;
3. use of water for dust control;
4. flushing gutters or permitting water to run or accumulate in any gutter or street;
5. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

## Stage 3 Response -- SEVERE Water Shortage Conditions

**Target: Achieve a ten (10) percent reduction in average daily water demand. Average daily water demand will be reduced by 0.048 million gallons per day and the total GPCD will be reduced by three (3%) percent.**

### Best Management Practices for Supply Management:

*Additional measures to be implemented directly by City of Rockdale to manage limited water supplies and/or reduce water demand. This includes: reduced or discontinued flushing of water mains, reduced or discontinued irrigation of public landscaped areas; use of reclaimed water for non-potable purposes.*

### Water Use Restrictions for Demand Reduction:

All requirements of Stage 2 shall remain in effect during Stage 3 except:

- (a) Irrigation of landscaped areas shall be limited to designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight and shall be by means of hand-held hoses, hand-held buckets, drip irrigation, or permanently installed automatic sprinkler system only. The use of hose-end sprinklers is prohibited at all times.

- (b) The watering of golf course tees is prohibited unless the golf course utilizes a water source other than that provided by the City of Rockdale.
- (c) The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued.

## Stage 4 Response -- CRITICAL Water Shortage Conditions

**Target:** Achieve a fifteen percent (15%) reduction in average daily water demand. Average daily demand will be reduced by 0.072 million gallons per day and reduction of the total GPCD by four (4 %) percent.

Best Management Practices for Supply Management:

*Additional measures, if any, to be implemented directly by City of Rockdale to manage limited water supplies and/or reduce water demand. This includes: reduced or discontinued flushing of water mains, reduced or discontinued irrigation of public landscaped areas; use of reclaimed water for non-potable purposes.*

Water Use Restrictions for Reducing Demand: All requirements of Stage 2 and 3 shall remain in effect during Stage 4 except:

- (a) Irrigation of landscaped areas shall be limited to designated watering days between the hours of 6:00 a.m. and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight and shall be by means of hand-held hoses, hand-held buckets, or drip irrigation only. The use of hose-end sprinklers or permanently installed automatic sprinkler systems are prohibited at all times.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle not occurring on the premises of a commercial car wash and commercial service stations and not in the immediate interest of public health, safety, and welfare is prohibited. Further, such vehicle washing at commercial car washes and commercial service stations shall occur only between the hours of 6:00 a.m. and 10:00 a.m. and between 6:00 p.m. and 10 p.m.

- (c) The filling, refilling, or adding of water to swimming pools, wading pools, and Jacuzzi-type pools is prohibited.
- (d) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.
- (e) No application for new, additional, expanded, or increased-in-size water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind shall be approved, and time limits for approval of such applications are hereby suspended for such time as this drought response stage or a higher-numbered stage shall be in effect.

## Stage 5 Response -- EMERGENCY Water Shortage Conditions

**Target:** Achieve a 20 percent reduction in average daily water demand. Average daily demand will be reduced by 0.096 million gallons per day and total GPCD reduction of five (5%) percent.

### Best Management Practices for Supply Management:

*Additional measures to be implemented directly by City of Rockdale to manage limited water supplies and/or reduce water demand. This includes reduced or discontinued flushing of water mains, reduced or discontinued irrigation of public landscaped areas; use of reclaimed water for non-potable purposes.*

Water Use Restrictions for Reducing Demand. All requirements of Stage 2, 3, and 4 shall remain in effect during Stage 5 except:

- (a) Irrigation of landscaped areas is absolutely prohibited.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.
- (c) Use of water for any landscape sprinkler systems for irrigation, recreational use of sprinklers, outside showers (in parks) and water slides is absolutely prohibited.

- (d) Use of water for filling or draining swimming pools and flushing water systems is absolutely prohibited.
- (e) Any public water uses which are not essential for health, safety and sanitary purposes is strictly prohibited.

Businesses requiring water as a basic function of the business, such as nurseries, commercial car wash, Laundromats, high pressure water cleaning, etc., will need to obtain written permission from the General Manager for intended water use.

## Section X: Enforcement

- (a) No person shall knowingly or intentionally allow the use of water from the City of Rockdale for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of this Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by the Mayor, City Administrator, or his/her designated person, in accordance with provisions of this Plan.
- (b) Any person who violates this Plan is guilty of a misdemeanor and, upon conviction shall be punished by a fine of not less than fifty dollars (\$50.00) and not more than one hundred dollars (\$100.00). Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense. If a person is convicted of three or more distinct violations of this Plan, the City administrator or her designated persons shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge, hereby established at \$\_\_\_\_\_, and any other costs incurred by the City of Rockdale in discontinuing service. In addition, suitable assurance must be given to the Mayor, City Administrator or her designated person that the same action shall not be repeated while the Plan is in effect. Compliance with this plan may also be sought through injunctive relief in the district court.
- (c) Any person, including a person classified as a water customer of the City of Rockdale, in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violation occurred on the person's property shall constitute a rebuttable presumption that the person in apparent control of the property committed the violation, but any such person shall have the right to show that he/she did not commit the violation. Parents shall be presumed to be responsible for violations of their minor children and proof that a violation, committed by a child, occurred on property within the parents' control shall constitute a rebuttable presumption that the parent committed the violation, but any such parent may

be excused if he/she proves that he/she had previously directed the child not to use the water as it was used in violation of this Plan and that the parent could not have reasonably known of the violation.

(d) Any employee of the City of Rockdale, police officer, or other designated persons designated by the Mayor, City Administrator, may issue a citation to a person he/she reasonably believes to be in violation of this Ordinance. The citation shall be prepared in duplicate and shall contain the name and address of the alleged violator, if known, the offense charged, and shall direct him/her to appear in the municipal court on the date shown on the citation for which the date shall not be less than 3 days nor more than 5 days from the date the citation was issued. The alleged violator shall be served a copy of the citation. Service of the citation shall be complete upon delivery of the citation to the alleged violator, to an agent or employee of a violator, or to a person over 14 years of age who is a member of the violator's immediate family or is a resident of the violator's residence. The alleged violator shall appear in municipal court to enter a plea of guilty or not guilty for the violation of this Plan. If the alleged violator fails to appear in municipal court, a warrant for his/her arrest may be issued. A summons to appear may be issued in lieu of an arrest warrant. These cases shall be expedited and given preferential setting in municipal court before all other cases.

## Section XI: Variances

The City Administrator, or his/her designee, may, in writing, grant temporary variance for existing water uses otherwise prohibited under this Plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

- (a) Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.
- (b) Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Ordinance shall file a petition for variance with the City of Rockdale within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the Mayor, City Administrator, or his/her designee, and shall include the following:

- (a) Name and address of the petitioner(s).
- (b) Purpose of water use.
- (c) Specific provision(s) of the Plan from which the petitioner is requesting relief.
- (d) Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Ordinance.
- (e) Description of the relief requested.
- (f) Period of time for which the variance is sought.
- (g) Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.
- (h) Other pertinent information.

**APPENDIX A**  
**TWDB Goals Form**

## WATER CONSERVATION PLAN 5- AND 10-YR GOALS FOR WATER SAVINGS

Facility Name: \_\_\_\_\_

Water Conservation Plan Year: \_\_\_\_\_

	<b>Historic 5yr Average</b>	<b>Baseline</b>	<b>5-yr Goal for year _____</b>	<b>10-yr Goal for year _____</b>
Total GPCD <sup>1</sup>				
Residential GPCD <sup>2</sup>				
Water Loss (GPCD) <sup>3</sup>				
Water Loss (Percentage) <sup>4</sup>	%	%	%	%

1. Total GPCD = (Total Gallons in System ÷ Permanent Population) ÷ 365

2. Residential GPCD = (Gallons Used for Residential Use ÷ Residential Population) ÷ 365

3. Water Loss GPCD = (Total Water Loss ÷ Permanent Population) ÷ 365

4. Water Loss Percentage = (Total Water Loss ÷ Total Gallons in System) x 100; or (Water Loss GPCD ÷ Total GPCD) x 100

## **APPENDIX B**

**UTILITY PROFILE: TCEQ FORM 10218**



## Texas Commission on Environmental Quality

Water Availability Division

MC-160, P.O. Box 13087 Austin, Texas 78711-3087

Telephone (512) 239-4691, FAX (512) 239-2214

### Utility Profile and Water Conservation Plan Requirements for Municipal Water Use by Retail Public Water Suppliers

This form is provided to assist retail public water suppliers in water conservation plan assistance in completing this form or in developing your plan, please contact the Conservation staff of the Resource Protection Team in the Water Availability Division at (512) 239-4691.

*Water users can find best management practices (BMPs) at the Texas Water Development Board's website <http://www.twdb.texas.gov/conservation/BMPs/index.asp>. The practices are broken out into sectors such as Agriculture, Commercial and Institutional, Industrial, Municipal and Wholesale. BMPs are voluntary measures that water users use to develop the required components of Title 30, Texas Administrative Code, Chapter 288. BMPs can also be implemented in addition to the rule requirements to achieve water conservation goals.*

#### Contact Information

Name of Water Supplier:

City of Rockdale

Address:

P.O. Box 586 Rockdale, TX 76567-0586

Telephone Number:

(512) 446.2511

Fax: () 683.7112

Water Right No.(s):

N/A

Region "G" Regional Water Planning Group / Milam County

Regional Water Planning Group:

Post Oak Savanah Groundwater Conservation District

Water Conservation Coordinator (or person responsible for implementing conservation program):

Jason Hubbell

Phone: (512)446-2511

Form Completed by:

Sigi West

Title:

Project Assistant, KSA

Signature:

Siglinda West

Date:05/01/2019

A water conservation plan for municipal use by retail public water suppliers must include the following requirements (as detailed in 30 TAC Section 288.2). If the plan does not provide information for each requirement, you must include in the plan an explanation of why the requirement is not applicable.

## **Utility Profile**

### **I. POPULATION AND CUSTOMER DATA**

#### *A. Population and Service Area Data*

1. Attach a copy of your service-area map and, if applicable, a copy of your Certificate of Convenience and Necessity (CCN).
2. Service area size (in square miles): 6.04 miles  
(Please attach a copy of service-area map)
3. Current population of service area: 5851
4. Current population served for:
  - a. Water 5851
  - b. Wastewater 5851

5. Population served for previous five years:

<i>Year</i>	<i>Population</i>
2018	6543
2017	5851
2016	5851
2015	5851
2014	5851

6. Projected population for service area in the following decades:

<i>Year</i>	<i>Population</i>
2020	5929
2030	6282
2040	6531
2050	6848
2060	7120

7. List source or method for the calculation of current and projected population size.

TWDB water planning projections

From 2014 to 2018 calculation used is 3 times the connection count. For future projections we used the information on the TWDB Regional Plan

*B. Customer Data*

Senate Bill 181 requires that uniform consistent methodologies for calculating water use and conservation be developed and available to retail water providers and certain other water use sectors as a guide for preparation of water use reports, water conservation plans, and reports on water conservation efforts. A water system must provide the most detailed level of customer and water use data available to it, however, any new billing system purchased must be capable of reporting data for each of the sectors listed below. More guidance can be found at: <http://www.twdb.texas.gov/conservation/doc/SB181Guidance.pdf>

1. Quantified 5-year and 10-year goals for water savings:

	<i>Historic 5-year Average</i>	<i>Baseline</i>	<i>5-year goal for year 2024</i>	<i>10-year goal for year 2029</i>
Total GPCD	137.29	130	130	110
Residential GPCD	66.29	60	62	59
Water Loss GPCD	50.11	50	47	40
Water Loss Percentage	37%	38%	36%	36%

**Notes:**

Total GPCD = (Total Gallons in System ÷ Permanent Population) ÷ 365

Residential GPCD = (Gallons Used for Residential Use ÷ Residential Population) ÷ 365

Water Loss GPCD = (Total Water Loss ÷ Permanent Population) ÷ 365

Water Loss Percentage = (Total Water Loss ÷ Total Gallons in System) x 100; or (Water Loss GPCD ÷ Total GPCD) x 100

2. Current number of active connections. Check whether multi-family service is counted as  
 Residential or  Commercial?

<i>Treated Water Users</i>	<i>Metered</i>	<i>Non-Metered</i>	<i>Totals</i>
Residential			
Single-Family	1867		1867
Multi-Family	16		16
Commercial	213		213
Industrial/Mining			
Institutional	47		47
Agriculture			
Other/Wholesale		75	75

3. List the number of new connections per year for most recent three years.

<i>Year</i>	<i>2018</i>	<i>2017</i>	<i>2016</i>
<i>Treated Water Users</i>			
Residential			
Single-Family	12	9	-16
Multi-Family	-9	-3	-2
Commercial	-3	38	-3
Industrial/Mining		0	
Institutional	-2	-3	3
Agriculture			

Other/Wholesale	0
-----------------	---

4. List of annual water use for the five highest volume customers.

<i>Customer</i>	<i>Use (1,000 gal/year)</i>	<i>Treated or Raw Water</i>
Housing Authority	213554	Treated
Richards Memorial	100486	Treated
Hunters Chase	88541	Treated
Sherwood Forrest	80819	Treated
T-N-T Carwash	77230	Treated

## II. WATER USE DATA FOR SERVICE AREA

### A. Water Accounting Data

1. List the amount of water use for the previous five years (in 1,000 gallons).

Indicate whether this is  diverted or  treated water.

<i>Year</i>	2018	2017	2016	2015	2014
<i>Month</i>					
January	25343	21913	16727	15317	22809570
February	18043	17364	18513	16448	17921805
March	20493	20844	20299	18065	19225209
April	22732	26622	19918	18295	22809570
May	26974	32220	21162	18693	26719782
June	29402	34924	29359	23111	26719782
July	31910	48473	42767	32877	27371484
August	35957	40253	32525	21228	28023186
September	23235	32849	27465	34952	39427971
October	19570	31499	25443	29379	25090527
November	16601	23813	17713	19093	24466420
December	11948	23398	20275	8529	20175167
<b>Totals</b>	<b>282208</b>	<b>354172</b>	<b>291166</b>	<b>255987</b>	<b>300760473</b>

2. Describe how the above figures were determined (e.g., from a master meter located at the point of a diversion from the source or located at a point where raw water enters the treatment plant, or from water sales).

Master meters at wells prior to entering the distribution system

3. Amount of water (in 1,000 gallons) delivered/sold as recorded by the following account types for the past five years.

Year	2018	2017	2016	2015	2014
Account Types/Conn					
Residential	<u>175866800</u>	<u>186979800</u>	<u>189114000</u>	<u>255957000</u>	<u>300760473</u>
Single-Family	<u>124439300</u>	<u>186979800</u>	<u>189114000</u>	<u>140623100</u>	<u>131708500</u>
Multi-Family	<u>14891500</u>			<u>148640</u>	<u>146265</u>
Commercial	<u>239540</u>	<u>0</u>	<u>317228</u>	<u>276098</u>	<u>287957</u>
Industrial/Mining					
Institutional	<u>12582000</u>	<u>0</u>	<u>93858</u>	<u>69937</u>	<u>55463</u>
Agriculture					
Other/Wholesale		<u>0</u>			

4. List the previous records for water loss for the past five years (the difference between water diverted or treated and water delivered or sold).

Year	Amount (gallons)	Percent %
2018	<u>106341200</u>	<u>37</u>
2017	<u>167192200</u>	<u>47</u>
2016	<u>102052000</u>	<u>35</u>
2015	<u>60529100</u>	<u>23</u>
2014	No data	No data

*B. Projected Water Demands*

1. If applicable, attach or cite projected water supply demands from the applicable Regional Water Planning Group for the next ten years using information such as population trends, historical water use, and economic growth in the service area over the next ten years and any additional water supply requirements from such growth.

Rockdale – Entity ID 2287 2016 Water Demand Projections (2016 Regional Plan)

Year	2020	2030	2040	2050	2060	2070
Acr/ft	1159	1198	1222	1269	1317	1364

### III. WATER SUPPLY SYSTEM DATA

#### A. *Water Supply Sources*

1. List all current water supply sources and the amounts authorized (in acre feet) with each.

<i>Water Type</i>	<i>Source</i>	<i>Amount Authorized</i>
Surface Water		
Groundwater	100%	Brazos Basin Aquifer
Other		

#### B. *Treatment and Distribution System (if providing treated water) Connections* 619

1. Design daily capacity of system (MGD): 3.3
2. Storage capacity (MGD): 1.535 MG
  - a. Elevated 0.750 MG
  - b. Ground 0.785 MG
3. If surface water, do you recycle filter backwash to the head of the plant?  
 Yes    No   If yes, approximate amount (MGD):

### IV. WASTEWATER SYSTEM DATA

#### A. *Wastewater System Data (if applicable)*

1. Design capacity of wastewater treatment plant(s) (MGD): 1.25 MGD
2. Treated effluent is used for  on-site irrigation,  off-site irrigation, for  plant wash-down, and/or for  chlorination/dechlorination.  
If yes, approximate amount (in gallons per month): N/A
3. Briefly describe the wastewater system(s) of the area serviced by the water utility. Describe how treated wastewater is disposed. Where applicable, identify treatment plant(s) with the TCEQ name and number, the operator, owner, and the receiving stream if wastewater is discharged.

City of Rockdale is served by the wastewater treatment plant. The plant is located at 290 Beverly Drive, Rockdale, TX 76567 in Milam County Texas. The wastewater plant Permit No. WQ0010658.001 allows for the treatment of 1.25 million gallons per day. The discharge route is effluent is discharged from the plant to Ham Branch; thence to East Yegua Creek; thence to Sommerville Lake in Segment 1212 of the Brazos River Basin

*B. Wastewater Data for Service Area (if applicable)*

1. Percent of water service area served by wastewater system: 98%
2. Monthly volume treated for previous five years (in 1,000 gallons):

Year	2018	2017	2016	2015	2014
Month					
January	2.341	2.611	3.036	3.188	3.101
February	2.324	2.659	3.211	3.345	2.182
March	2.764	2.975	3.091	3.580	2.502
April	2.857	3.366	3.189	3.921	2.350
May	3.414	4.416	4.414	4.796	2.690
June	3.168	3.674	3.674	4.670	2.664
July	2.534	2.739	2.739	3.515	2.740
August	2.741	3.570	3.570	3.301	2.894
September	3.365	3.462	3.462	3.515	3.549
October	4.484	2.970	3.416	3.081	3.496
November	3.202	2.844	3.119	3.504	3.776
December	4.117	3.680	3.120	4.446	4.964
<b>Totals</b>	<b>37.311</b>	<b>38.964</b>	<b>40.041</b>	<b>44.862</b>	<b>36.898</b>

## **Water Conservation Plan**

In addition to the utility profile, please attach the following as required by Title 30, Texas Administrative Code, §288.2. Note: If the water conservation plan does not provide information for each requirement, an explanation must be included as to why the requirement is not applicable.

*A. Record Management System*

The water conservation plan must include a record management system which allows for the classification of water sales and uses in to the most detailed level of water use data currently available to it, including if possible, the following sectors: residential (single and multi-family), commercial.

*B. Specific, Quantified 5 & 10-Year Targets*

The water conservation plan must include specific, quantified five-year and ten-year targets for water savings to include goals for water loss programs and goals for municipal use in gallons per capita per day. Note that the goals established by a public water supplier under this subparagraph are not enforceable. These goals must be updated during the five-year review and submittal.

*C. Measuring and Accounting for Diversions*

The water conservation plan must include a statement about the water suppliers metering device(s), within an accuracy of plus or minus 5.0% in order to measure and account for the amount of water diverted from the source of supply.

*D. Universal Metering*

The water conservation plan must include and a program for universal metering of both customer and public uses of water, for meter testing and repair, and for periodic meter replacement.

*E. Measures to Determine and Control Water Loss*

The water conservation plan must include measures to determine and control water loss (for example, periodic visual inspections along distribution lines; annual or monthly audit of the water system to determine illegal connections; abandoned services; etc.).

*F. Continuing Public Education & Information*

The water conservation plan must include a description of the program of continuing public education and information regarding water conservation by the water supplier.

*G. Non-Promotional Water Rate Structure*

The water supplier must have a water rate structure which is not “promotional,” i.e., a rate structure which is cost-based and which does not encourage the excessive use of water. This rate structure must be listed in the water conservation plan.

*H. Reservoir Systems Operations Plan*

The water conservation plan must include a reservoir systems operations plan, if applicable, providing for the coordinated operation of reservoirs owned by the applicant within a common watershed or river basin in order to optimize available water supplies.

*I. Enforcement Procedure and Plan Adoption*

The water conservation plan must include a means for implementation and enforcement, which shall be evidenced by a copy of the ordinance, rule, resolution, or tariff, indicating official adoption of the water conservation plan by the water supplier; and a description of the authority by which the water supplier will implement and enforce the conservation plan.

*J. Coordination with the Regional Water Planning Group(s)*

The water conservation plan must include documentation of coordination with the regional water planning groups for the service area of the public water supplier in order to ensure consistency with the appropriate approved regional water plans.

*K. Plan Review and Update*

A public water supplier for municipal use shall review and update its water conservation plan, as appropriate, based on an assessment of previous five-year and ten-year targets and any other new or updated information. The public water supplier for municipal use shall review and update the next revision of its water conservation plan not later than May 1, 2009, and every five years after that date to coincide with the regional water planning group. The revised plan must also include an implementation report.

## **VI. ADDITIONAL REQUIREMENTS FOR LARGE SUPPLIERS**

Required of suppliers serving population of 5,000 or more or a projected population of 5,000 or more within the next ten years:

*A. Leak Detection and Repair*

The plan must include a description of the program of leak detection, repair, and water loss accounting for the water transmission, delivery, and distribution system in order to control unaccounted for uses of water.

*B. Contract Requirements*

A requirement in every wholesale water supply contract entered into or renewed after official adoption of the plan (by either ordinance, resolution, or tariff), and including any contract extension, that each successive wholesale customer develop and implement a water conservation plan or water conservation measures using the applicable elements in this chapter. If the customer intends to resell the water, the contract between the initial supplier and customer must provide that the contract for the resale of the water must have water conservation requirements so that each successive customer in the resale of the water will be required to implement water conservation measures in accordance with the provisions of this chapter.

## **VII. ADDITIONAL CONSERVATION STRATEGIES**

## **APPENDIX C**

CORRESPONDENCE WITH BRAZOS G WATER PLANNING GROUP

and

REGULATING AUTHORITIES

TCEQ

TWDB

May 20, 2019

Brazos G Regional Water Planning Group  
P.O. Box 7555  
Waco, Texas 76714

Re: City of Rockdale  
2019 5-Year Update for Water Conservation Plan  
and Drought Contingency Plan  
KSA Project No. RD.062

Dear Mr. Collinsworth,

Please find enclosed the updated Water Conservation Plan and Drought Contingency Plan required by the TCEQ and TWDB for the City of Rockdale, Texas. Included in this package is the Conservation Plan, Drought Plan, Updated Ordinance, appendices and exhibits required by regulatory agencies. I have transmitted one (1) hardcopy of this document, as required, for your review.

If you would please send back an acknowledgment of receipt of the enclosed Plan for the city's records.

If you have any comments regarding the enclosed Conservation Plan for the City of Rockdale please contact me, Sigi West, Project Assistant at (903) 581-8141.

Sincerely,

*Siglinda West*

KSA  
Siglinda M. West  
Project Assistant

May 20, 2019

Texas Commission for Environmental Quality  
Attn: Resource Protection Team (MC-160)  
P.O. Box 13087  
Austin, Texas 78711-3087

Via Email: [wcp@tceq.Texas.gov](mailto:wcp@tceq.Texas.gov)

Re: City of Rockdale  
5-Year Update for Water Conservation Plan (2019)  
& Drought Contingency Plan  
PWS ID No. 1660002  
KSA Project No. RD.062

To whom it may concern,

Please find enclosed the updated Water Conservation Plan and Drought Contingency Plan required by the TCEQ and TWDB for the City of Rockdale, Texas. Included in this package is the DRAFT Conservation Plan, Drought Plan, Updated Ordinance, appendices and exhibits required by regulatory agencies. I have transmitted one (1) hardcopy of this document, as required, for your review.

Once the Ordinance has been adopted by the City of Rockdale I will forward that document to you for inclusion in the Plan.

If you would please send back an acknowledgment of receipt of the enclosed Plan for the Company's records.

If you have any comments regarding the enclosed Conservation Plan for the City of Rockdale please contact me, Sigi West, Project Assistant at (903) 581-8141.

Sincerely,

*Siglinda West*  
KSA  
Siglinda M. West  
Project Assistant

May 20, 2019

Texas Water Development Board  
Attn: Water Conservation Plan Team  
1700 N. Congress Ave.  
P.O. Box 13231  
Austin, Texas 78711-3231

Re: City of Rockdale  
5-Year Update for Water Conservation Plan  
& Drought Contingency Plan (2019)  
KSA Project No. RD.062

To whom it may concern,

Please find enclosed the updated Water Conservation Plan and Drought Contingency Plan required by the TCEQ and TWDB for the City of Rockdale, Texas. Included in this package is the Conservation Plan, Drought Plan, Updated Ordinance, appendices and exhibits required by regulatory agencies. I have transmitted one (1) hardcopy of this document, as required, for your review.

Once the Ordinance has been adopted by the City of Rockdale I will forward that document to you for inclusion in the Plan.

If you would please send back an acknowledgment of receipt of the enclosed Plan for the Company's records.

If you have any comments regarding the enclosed Conservation Plan for the City of Rockdale please contact me, Sigi West, Project Assistant at (903) 581-8141.

Sincerely,

*Siglinda West*

KSA  
Siglinda M. West  
Project Assistant

May 20, 2019

Post Oak Savannah Ground Water Conservation District  
Attn: Water Conservation Plan Team  
310 East Avenue C  
Milano, Texas 76556

Re: City of Rockdale  
5-Year Update for Water Conservation Plan  
& Drought Contingency Plan (2019)  
KSA Project No. RD.062

To whom it may concern,

Please find enclosed a copy of the updated Water Conservation Plan and Drought Contingency Plan required by the TCEQ and TWDB for the City of Rockdale, Texas. Included in this package is the Conservation Plan, Drought Plan, Updated Ordinance, appendices and exhibits required by regulatory agencies. I have transmitted one (1) hardcopy of this document, as required, for your review.

Once the Ordinance has been adopted by the City of Rockdale I will forward that document to you for inclusion in the Plan, if needed.

If you would please send back an acknowledgment of receipt of the enclosed Plan for the Company's records to [swest@ksaeng.com](mailto:swest@ksaeng.com) .

If you have any comments regarding the enclosed Conservation Plan for the City of Rockdale please contact me, Sigi West, Project Assistant at (903) 581-8141.

Sincerely,

*Siglinda West*  
KSA  
Siglinda M. West  
Project Assistant

**APPENDIX D**  
**CITY COUNCIL COORDINATION AND ADOPTION**

**ORDINANCE NO. \_\_\_\_\_**

**AN ORDINANCE OF THE CITY OF ROCKDALE, TEXAS, AMENDING  
AND ADOPTING THE WATER CONSERVATION PLAN AND  
DROUGHT CONTINGENCY PLAN; ESTABLISHING RESTRICTIONS  
OF CERTAIN WATER USES; ESTABLISHING PENALTIES FOR THE  
VIOLATION OF AND PROVISIONS FOR ENFORCEMENT OF THESE  
RESTRICTIONS; ESTABLISHING PROCEDURES FOR GRANTING  
VARIANCES; AND PROVIDING SEVERABILITY AND AN EFFECTIVE  
DATE.**

WHEREAS, the City of Rockdale, Texas wishes to maximize its water resources and recognizes that the amount of water available to the City and its water utility customers is limited and subject to depletion during periods of extended drought;

WHEREAS, the City recognizes that natural limitations due to drought conditions and other acts of God cannot guarantee an uninterrupted water supply for all purposes;

WHEREAS, Title 30, Part 1, Chapter 288, Subchapter C 288.30(1) of the Texas Administrative Code and applicable rules of the Texas Commission on Environmental Quality require the holder of an existing permit, certified filing, or certificate of adjudication for the appropriation of surface water in the amount of 1,000 acre-feet a year or more for municipal, industrial, and other non-irrigation uses shall develop, submit, and implement a water conservation plan meeting the requirements of Subchapter A of this chapter (relating to Water Conservation Plans);

WHEREAS, the City established and adopted a Water Conservation Plan in May 2005 with Ordinance 2005-05-09 (SA) and is updating the ordinance as needed; and

WHEREAS, as authorized under law, and in the best interests of the citizens of Rockdale, Texas, the City Council deems it expedient and necessary to update established rules and policies for the orderly and efficient management of limited water supplies during drought and other water supply emergencies;

NOW THEREFORE, BE IT ORDAINED BY THE CITY OF ROCKDALE, TEXAS:

**SECTION 1.**

That the City of Rockdale, Texas Water Conservation Plan attached hereto as Exhibit "A" and made part hereof for all purposes be, and the same is hereby, adopted as the official policy of the City.

**SECTION 2.**

That all ordinances that are in conflict with the provisions of this ordinance be, and the same are hereby, repealed and all other ordinances of the City not in conflict with the provisions of this ordinance shall remain in full force and effect.

SECTION 3.

Should any paragraph, sentence, subdivision, clause, phrase, or section of this ordinance be adjudged or held to be unconstitutional, illegal or invalid, the same shall not affect the validity of this ordinance as a whole or any part or provision thereof, other than the part so declared to be invalid, illegal, or unconstitutional.

SECTION 4.

This ordinance shall take effect immediately from and after its passage and the publication of the caption, as the law in such cases provides.

: **PASSED AND APPROVED** on First Reading this \_\_\_\_\_ day of \_\_\_\_\_ 2019.

**FINALLY PASSED AND APPROVED** on this \_\_\_\_\_ day of \_\_\_\_\_ 2019.

**THE CITY OF  
ROCKDALE**

Attest:

\_\_\_\_\_  
John F. King, Mayor

\_\_\_\_\_  
Terry Blanchard, TRMC, City  
Secretary

**APPENDIX E**  
**UTILITY RATE STRUCTURE**

## ARTICLE A1.000 BUILDING, DEVELOPMENT AND PROPERTY MAINTENANCE FEES

### Sec. A1.001 BUILDING PERMITS (IBC)

(a) Annual Contractors License	\$ 75.00
(b) New Construction fees	
(1) Residential Construction	\$ 0.10/sq ft + \$50 per inspection
(2) Commercial Construction	\$ 0.10/sq ft + \$50 per inspection
(3) Minimum permit fee	\$ 100.00
(4) Uncovered Surfaced (asphalt & concrete) Parking & Walkways	\$ 0.01/sq ft
(5) Inspections	\$ 50.00
(6) Remodeling - residential	\$ 50.00 + \$50 per inspection
(7) Remodeling - commercial, duplex, multifamily	\$ 50.00 + \$0.10/sq ft + \$50 per inspection
(8) Moving permit - structures & manufactured homes	\$ 100.00 + escort fees
(9) Minor alterations, repair, or replacement (roof, carport, windows)	\$ 50.00 (permit & inspection)
(10) Reinspection (if initial or subsequent inspections fail)	\$ 50.00 (for each reinspection)
(11) Swimming Pool/Hot Tub permit	\$ 100.00
(12) Demolition permit - Commercial	\$ 100.00
(13) Demolition permit - Residential	\$ 25.00
(14) Plan Review (Commercial - City Staff)	\$ 100.00 + \$75/hr review time
(15) Plan Review (Commercial - Outside Review Service)	ACTUAL COST
(16) Plan Review (Residential)	\$ 50.00 + \$50/hr review time
(17) Manufactured Home Placement application	\$ 200.00
(18) Fence	\$ 50.00
(19) Permit fee for Non-Profit groups/organizations	No Charge with proof of non-profit status

### Sec. A1.002 CENTRAL HEAT & AIR CONDITIONING/MECHANICAL (IMC)

(a) Annual Registration fee	\$ 75.00
(b) Permits	\$ 75.00 + \$75 per inspection
(c) Reinspections (if initial or subsequent inspections fail)	\$ 75.00 for each reinspection
(d) Permit fee for Non-Profit groups/organizations	No Charge with proof of non-profit status

### Sec. A1.003 ELECTRICAL PERMIT (NEC)

(a) Annual Electrical Master Registration fee	NO CHARGE (must register)
(b) Permits	\$ 75.00 + \$75 per inspection
(c) Reinspections	\$ 75.00 for each reinspection
(d) Minor alteration repair or replacement of minor electrical devices	\$ 75.00 (permit & inspection)
(e) Reinspection (if initial or subsequent inspections fail)	\$ 75.00
(f) Permit fee for Non-Profit groups/organizations	No Charge with proof of non-profit status

### Sec. A1.004 ENGINEERING FEES

(a) Standard Construction Specifications	Actual Engineer costs
(b) Street Map (B&W)	\$ 5.00
(c) City Limits and ETJ Map (B&W)	\$ 5.00

### Sec. A1.005 LOT CLEANUP CHARGE

(a) Rate of employee time + equipment use	Rate + \$70/hr
(b) ADM - Abatement Fee (administrative cost)	Administrative Cost
(c) Lot	\$ 100.00 per Lot + Emp Rate + Equip Rate
(d) Building (plus cost of hired work)	\$ 500.00 per Bldg + Emp Rate + Equip Rate

### Sec. A1.006 PLANNING FEES

(a) Concept of Master Plan	\$ 500.00 fee + \$25 per lot
(b) Pre-application Subdivision Plat fee	\$ 250.00
(c) Short Form Subdivision Plat	\$ 300.00 fee + \$25 per lot
(d) Preliminary Subdivision Plat - Plan	\$ 500.00 fee + \$25 per lot
(e) Final Subdivision Plat - Plan	\$ 250.00 fee + \$25 per lot
(f) Subdivision Plat Vacation	\$ 150.00
(g) Subdivision Replat - Amending Plat	\$ 300.00 fee + \$25 per lot
(h) Subdivision Variance request	\$ 150.00
(i) Capital Improvement Recovery Fee (CIP) Sec 10.02.111(b)(3)	See Subdivision Ord
(j) Subdivision Construction Inspection (CIP) Sec 10.02.111(b)(4)	See Subdivision Ord
(k) Subdivision Professional fees	See Subdivision Ord
(l) Subdivision Engineer Review fees (in addition to above)	See Subdivision Ord
(m) Zoning or Rezoning requests	\$ 250.00

(n) Zoning Exception Application fee	\$ 150.00
(o) Document copies:	
(1) Comprehensive Plan	\$ 100.00
(2) Zoning Ordinance	\$ 0.25 per page
(3) Subdivision Ordinance	\$ 0.25 per page
<b>Sec. A1.007 PLUMBING PERMIT (IPC)</b>	
(a) Annual Plumber Master Registration fee	NO CHARGE (must register)
(b) Minimum fee (plus fees below)	\$ 75.00 + \$75 per inspection
(c) Repairs/Replacement/Remodeling (when permit required)	\$ 75.00 (permit & inspection)
(d) Reinspection (if initial or subsequent inspections fail)	\$ 75.00
(e) Minor Alterations, Repair or Replacement of existing water or sewer piping	\$ 50.00 (permit & inspection)
(f) Permit fee for Non-Profit groups/organizations	No Charge with proof of non-profit status
<b>Sec. A1.008 SPRINKLER SYSTEM INSTALLATION PERMIT</b>	
(a) Permit	\$ 75.00 + \$75 per inspection
<b>Sec. A1.009 SPECIAL USE PERMIT</b>	
(a) Exceptions to Code and Ordinances	\$ 100.00
<b>Sec. A1.010 STREET-RELATED FEES</b>	
(a) Street cuts	\$ 6.00 per sq ft
(b) Signs	
(1) Street sign	\$ 75.00 each
(2) Stop or Yield sign	\$ 75.00 each
(3) Combination (stop & street)	\$ 125.00
<b>Sec. A1.011 WELL-RELATED FEES</b>	
(a) Wellhead Protection Drilling	
(1) Permit to construct a well	\$ 500.00
(2) Permit to repair or correct a defective well	\$ 200.00
(3) Permit to abandon/plug a well	\$ 50.00
(b) Oil and Gas Well Drilling and Production	
(1) Surface Permit Fee	\$ 2,000.00
(2) Extended Permit Fee	\$ 250.00
(3) Annual Inspection Fee	\$ 100.00
(4) Follow-up Inspection Fee	\$ 100.00
(5) Amended Permit Fee	\$ 500.00
(6) Transfer Permit Fee	\$ 700.00
(7) Appeal Fee	\$ 2,300.00
(8) "Taking" Application Fee	\$ 3,320.00
<b>Sec. A1.012 VACANT COMMERCIAL STRUCTURE PERMIT</b>	
(a) Annual Registration fee	\$ 100.00
(b) Inspection charge	\$ 0.01 per sq ft (minimum of \$50)

## ARTICLE A2.000 UTILITY RATES AND CHARGES

<b>Sec. A2.001 UTILITY ACCOUNTS</b>	
(a) Utility Account Security Deposit	
(1) Residential accounts	\$ 150.00
(2) Commercial accounts **	
(i) Average gallons consumption/month 0 - 2,000	\$ 150.00
(ii) Average gallons consumption/month 2,001 - 10,000	\$ 300.00
(iii) Average gallons consumption/month 10,001 - 50,000	\$ 600.00
(iv) Average gallons consumption/month 50,001 - 100,000	\$ 1,200.00
(v) Average gallons consumption/month 100,001 - 150,000	\$ 1,800.00
(vi) Average gallons consumption/month over 150,001	\$ 2,400.00
** If average monthly consumption is found to be in excess of minimum, customer may be assessed additional deposit as determined by the City Manager.	
(3) Multi-family accounts	\$ 75.00/unit (1/2 of regular deposit amount per unit)
(4) Trash Only accounts	\$ 50.00 (1/3 of regular deposit amount)
(b) Water Deposit if left owing > \$25	\$ 300.00 (double regular deposit amount)
(c) Occupancy Inspection - Certificate of Occupancy	
(1) Residential and Commercial accounts	\$ 40.00 (for up to 2 visits)

(2) Multi-family accounts	\$ 40.00/unit (for up to 2 visits)
(3) Additional inspections	\$ 40.00 (for up to 2 visits)
(d) Inspection of the RPZ Valve	\$ 100.00
(e) Late fees for Utility Account	10% of current bill or minimum of \$5
(f) Transfer fee for Utility Account	\$ 25.00
(g) Utility Service Fee - Reconnect	\$ 50.00
(h) Turn Off/Turn On for water service	
(1) During regular business hours	\$ 15.00
(2) After-hours, weekends or holidays	\$ 25.00
(i) Pull Meter (for usage from cut-off list)	\$ 50.00
(j) Circumventing Meter	as determined by PW Dir
(k) Water Meter Test - performed by outside entity	\$ 100.00 minimum
(l) Water Meter Test - performed by city employees	\$ 50.00
(m) TCEQ Assessment Fee	0.50%

**Sec. A2.002 MONTHLY WATER AND WASTEWATER CHARGES**

(a) Water & Sprinkler - Minimum Charge (by meter size)	
(1) 3/4" or less	\$ 34.94
(2) 1"	\$ 46.64
(3) 1-1/2"	\$ 75.64
(4) 2"	\$ 110.58
(5) 2-1/2"	\$ 148.67
(6) 3"	\$ 192.16
(7) 4"	\$ 308.68
(b) Water & Sprinkler - Volumetric Charge (per Kgal)	
(1) 0 - 2,000 gallons	\$ 4.76 per 1000 gallons
(2) 2,001 - 7,000 gallons	\$ 4.76 per 1000 gallons
(3) 7,001 - 50,000 gallons	\$ 6.19 per 1000 gallons
(4) 50,001+ gallons	\$ 8.04 per 1000 gallons
(c) Wastewater - Minimum Charge	
(1) All	\$ 16.50
(d) Wastewater - Volumetric Charge (per Kgal)	
(1) 0 - 2,000 gallons	\$ 6.44 per 1000 gallons
(2) 2,001+ gallons	\$ 6.44 per 1000 gallons
(e) Wastewater - New Accounts	New Accounts will be charged based on water consumption up to 6,000 gallons
(1) All	
(f) SEWER AVERAGING for Wastewater Residential Customers - Monthly wastewater service charge	
to be based on the averaged three (3) winter months (Dec/Jan/Feb) metered water billing for the prior year	

**Sec. A2.003 TAP FEES**

(a) Water Tap fees	
(1) 3/4 inch	\$ 1,050.00
(2) 1 inch	\$ 1,102.50
(3) 1 1/2 inch	\$ 1,155.00
(4) 2 inches and above	as determined by PW Dir
(b) Wastewater Tap fees	
(1) 4 inch	\$ 945.00
(2) 6 inch	\$ 997.00
(c) Line Extensions & Street Cut fees	
(1) Penalty for non-compliance	\$ 2,000.00 per day
(2) Tap fees - reasonable cost & expense for installing, constructing & extending water or wastewater	

**Sec. A2.004 SOLID WASTE / GARBAGE COLLECTION AND DISPOSAL AT CITY YARD**

(a) Solid Waste collection (one time per week)	
(1) Residential curbside pick up (6 bags per pick up)	\$ 14.42 per month
(2) Commercial small hand pick up (1-5 bags)	\$ 14.42 per month
(3) Commercial large hand pick up (6-10 bags)	\$ 23.03 per month
(4) Roll-off bins/Dumpsters	Customer must contact company directly
(5) Additional roll-out (cart) fee	\$ 6.83 per month/per cart
(b) Delivered to City Yard - Residents	
(1) Small trash bag	\$ 1.11 per bag
(2) Medium trash bag	\$ 1.54 per bag

(3) Large trash bag	\$ 1.98	per bag
(4) Pick-up Truck (level)	\$ 26.48	
(5) Pick-up Truck (with side boards)	\$ 52.75	
(6) Single Axle Trailer	\$ 35.23	
(7) Double Axle Trailer	\$ 70.26	
(8) Extra-large load	as determined by PW Dir	

**Sec. A2.005 SOLID WASTE / SEPTIC DUMPING**

(a) First 1000 Gallons	\$ 100.00	minimum
(b) All excess of 1000 Gallons	\$ 0.11	per gallon

**ARTICLE A3.000 OTHER FEES****Sec. A3.001 AIRPORT HANGAR**

(a) Hangar rental		
(1) Hangar #1	\$ 150.00	per month/per plane
(2) Hangar #2 - Private hangar (minimum of 2 planes)	\$ 150.00	per month/per plane + \$100 privacy fee
(3) Hangar #3 - Private hangar (minimum of 2 planes)	\$ 150.00	per month/per plane + \$100 privacy fee
(b) Tie-down	\$ 30.00	per month
(c) Aviation Fuel	Calculated from MARKET value	

**Sec. A3.002 ALCOHOLIC BEVERAGE PERMIT**

(a) Wine and Beer Retailer	1/2 of TABC fee
(b) Off Premise Beer and Wine	1/2 of TABC fee
(c) Package Store Permit	1/2 of TABC fee
(d) Beer Retailer on Premises	1/2 of TABC fee
(e) Wine Only Package Store	1/2 of TABC fee

**Sec. A3.003 AMBULANCE PERMIT**

(a) Permit Application fee	\$ 200.00
(b) Permit Renewal fee	\$ 10.00
(c) License fee (for issuance, renewal or replacement)	\$ 10.00

**Sec. A3.004 ANIMAL CONTROL**

(a) Adoption fee	\$ 20.00
(b) Impound fee (per day)	
(1) First time animal is impounded	\$ 15.00 + daily care costs
(2) Second time animal is impounded	\$ 25.00 + daily care costs
(3) Third time animal is impounded	\$ 50.00 + daily care costs
(c) Quarantine fee (per day)	\$ 20.00
(d) Dangerous dog registration - Annual	\$ 50.00
(e) Rabies vaccinations	VET COSTS
(f) Violation fine	\$ 0 - \$ 500
(g) Euthanasia (Resident/Non-resident)	VET COSTS
(h) Dismissal of offense upon proof of vaccination administrative fee	\$ 20.00

**Sec. A3.005 ANIMAL CONTROL PERMITS**

(a) Carnival/Circus/Zoo permit	\$ 500.00
(b) Multiple Animal Owner permit (required for more than 4 - limit of 6)	\$ 50.00
(c) Commercial Animal Enterprise permit	\$ 100.00
(d) Guard Dog permit	\$ 50.00
(e) Renewal of any animal control permit	\$ 50.00

**Sec. A3.006 ANIMAL SURRENDER FEES - OWNER/HARBORED**

(a) Dogs & cats located within the city limits	\$ 25.00
(b) Dogs & cats located outside the city limits	\$ 50.00
(c) Litters of 4 or more dogs or cats under 9 wks of age	\$ 50.00

**Sec. A3.007 BUSINESS AND COMMERCE**

(a) Taxicab Franchise	
(1) Annual filing fee	\$ 500.00
(2) Annual vehicle registration	\$ 100.00 per vehicle
(b) Tourist Courts & Camps Annual fee	\$ 250.00
(c) New Permanent Business Signs	\$ 1.50 per square foot
(d) Adult Oriented Business - annual permit	\$ 500.00
(e) Wrecking/Junkyard Registration - annual fee	\$ 500.00
(f) Coin-operated Machine Occupation Tax	1/4 State Fee

**Sec. A3.008 CEMETERY**

(a) Burial Permit	
(1) Leveling fee	\$ 50.00
(2) Locating Fee (for non-local funeral homes only)	\$ 50.00
(b) Baby Plot (Oaklawn only)	\$ 150.00 per space
(c) Adult Plot - Resident	\$ 400.00 per space
(d) Adult Plot - Non-resident	\$ 600.00 per space
(e) Lot location fee (for markers & curbs)	\$ 25.00

**Sec. A3.009 CIVIC CENTER**

(a) Full Building for half day use	
(1) From 6 AM to 12 NOON	\$ 300.00
(2) From 12 NOON to 6 PM	\$ 300.00
(3) From 6 PM to 12 MIDNIGHT	\$ 300.00
(b) Full Building for full day use	\$ 425.00
(c) Full Building Deposit	\$ 250.00
(d) Decorating - day prior to use	\$ 150.00 Key available from PD after 6 PM
(e) Clean-up - day following use	\$ 150.00 Key must be returned by NOON
(f) Non-profit Organizations (as certified by the IRS)	1/2 adopted rate
(g) Continuous Use (6 month minimum, 4 hr maximum)	\$ 250.00 per month
(h) Use of facility on Monday through Thursday	1/2 adopted rate
(i) Rental fee for sound system	\$ 50.00

**Sec A3.010 LIBRARY**

(a) Non-resident fee	\$ 6.00 + \$3 per member
(b) Replacement Card (lost only)	\$ 5.00
(c) Fines:	
(1) Overdue books	\$ 0.25 per day
(2) Overdue video/audio tapes	\$ 2.00 per day
(3) Lost or badly damaged books	\$ 5.00 + cost
(4) Lost or badly damaged videos, audios, magazines	\$ 5.00 + cost
(5) Overdue magazines	\$ 0.25 per day
(6) Overdue Accelerated Reader & Science Fair books	\$ 0.50 per day
(7) Overdue Chilton Repair Manuals	\$ 0.50 per day
(8) Overdue Reference and Genealogy books	\$ 1.00 per day
(d) Copies	
(1) HP LaserJet Black & White printer copies	\$ 0.25 per page
(2) HP LaserJet Color printer copies	\$ 1.00 per page
(3) Blank diskette/CD	\$ 1.00

**Sec. A3.011 MANUFACTURED HOME AND MANUFACTURED HOME PARKS**

(a) Annual fee for each manufactured home park	\$ 250.00
(b) Manufactured Home Placement Application in Park	\$ 200.00
(c) Moving permit - structures & manufactured homes	\$ 100.00 + escort fees
(d) Original Park permit	\$ 400.00
(e) Additional spaces added	\$ 50.00 per space

**Sec. A3.012 MISCELLANEOUS FEES**

(a) Returned check	\$ 30.00
(b) Credit/Debit Card Processing fees	
(1) Credit Card processing fee	3%
(2) Debit Card processing fee	3%
(c) Limb and Brush Chipping	CITY ESTIMATE
(d) Oil dumping - non-commercial	NO CHARGE
(e) City Charter - copy	\$ 5.00
(f) City Map - copy	\$ 5.00
(g) Copies - black & white	\$ 0.25 per page
(h) Copies - color	\$ 1.00 per page
(i) Certification of copies	\$ 1.00 per page
(j) Certification per statement	\$ 1.00
(k) Overhead charge when documents copied exceed 50 pgs	20%
(l) Copy Diskette	\$ 1.00
(1) Computer time per hour (15 min minimum charge)	\$ 60.00
(2) One part	\$ 0.50

**Sec. A3.013 MUNICIPAL COURT FEES**

(a) State Court Costs	set by Legislature
(b) Local Fees (all other fees not listed below)	set by Legislature
(c) Peace Officers time	overtime + travel time + court costs
(d) Jury fee	\$ 3.00
(e) Administrative Dismissal Fee (for compliance dismissals)	\$ 10 - \$ 20
(f) Jury Duty fee	\$ 6.00
(g) Warrant fee	\$ 50.00
(h) Failure to Appear Warrant service fee	\$ 25.00
(i) Failure to Appear DPS Contract Administrative fee	\$ 30.00
(j) Arrest fee	\$ 5.00
(k) Time Payment fee	\$ 25.00
(l) Rules of the Road fee	\$ 3.00
(m) Administrative fee (Driver's Safety Course)	
(1) Requests received on or before appearance date	\$ 10.00
(2) Requests received after appearance date	\$ 10 - \$ 50
(n) Administrative fee (Deferred Disposition)	\$ 100.00
(o) School Crossing fee	\$ 25.00
(p) Failure to Attend School fee	\$ 20.00
(q) Technology Fund fee	\$ 4.00
(r) Security Fund fee	\$ 3.00
(s) For additional fees, see MC ordinances & state law	

**Sec. A3.014 MUNICIPAL COURT FINE SCHEDULE**

(a) City Ordinance Violations	
(1) For a fine range of \$1 - 200	\$ 100.00 minimum fine
(2) For a fine range of \$1 - 500	\$ 325.00 minimum fine
(3) For a fine range of \$1 - 2,000	\$ 770.00 minimum fine

**Sec. A3.015 PEDDLER, SOLICITOR or TRANSIENT MERCHANT LICENSE**

(a) Base permit (application fee)	\$ 75.00 + \$1,000 Surety Bond
(b) For each additional agent (over 1 agent)	\$ 50.00

**Sec. A3.016 POLICE DEPARTMENT**

(a) Accident Reports	\$ 6.00 per report
(b) Certification of Accident Report	\$ 1.00 per page
(c) Junk Vehicle Storage	\$ 10.00 + actual storage cost
(d) Garage Keeper Abandoned Vehicle Report	\$ 10.00
(e) Auction Vehicles	\$ 10.00 + 2% of sale
(f) Impounding Vehicles	\$ 10.00 + removal + storage cost

**Sec. A3.017 PUBLIC RECORDS**

(a) Copies - readily available	\$ 0.25 per page
(b) Copies - not readily available	\$ 15.00 per page + actual labor cost
(c) Postal expense	ACTUAL COST

**Sec. A3.018 SWIMMING POOL**

(a) Pool admission - Adult	\$ 4.00
(b) Pool Admission - Child (under 7 yrs with a parent or adult over 21 years of age)	\$ 4.00
(c) Swim Lessons	\$ 55.00 per session (8 classes per session)
(d) Pool rental	
(1) 2 hour party with 50 people	\$ 160.00
(2) Additional fee for every 25 people over 50	\$ 25.00
(3) Inflatables	\$ 50.00
(e) Pool Passes	
(1) Pool Pass 45 (with 45 punches)	\$ 45.00
(2) Pool Pass 90 (with 90 punches)	\$ 90.00

**Sec. A3.019 RENTAL FEES FOR FAIR PARK**

*NOTE: All rental fees are payable to the CITY OF ROCKDALE. The City is responsible for paying the appropriate organizations.*

(a) FAIR PARK (Non-Arena>Showbarn areas) for events of 250+ people	FEES SET BY CITY COUNCIL
(1) BBQ outlets	\$ 25.00 per unit per event
(2) Restrooms	\$ 100.00 per event
(3) Electricity	ACTUAL COST - Billed upon completion
(4) Water	ACTUAL COST - Billed upon completion
(5) Security	REQUIRED - Provided by event organizer
(6) Trash	REQUIRED - Provided by event organizer
(7) After Hours Work Orders	Local contractor - Provided by event org

(8) Security Deposit	\$ 750.00 (refundable)
<b>(b) NEW SALEM EEA BUILDING @ Fair Park</b>	<b>FEES SET BY NEW SALEM EEA</b>
(1) Building rental (for 8 hrs)	\$ 350.00
(2) Building rental deposit	\$ 275.00
(i) Refundable if notice of cancellation is received at least ten (10) days prior to event	
(ii) Refundable if building is left clean and undamaged	
(iii) If a janitorial service is needed	ACTUAL COST deducted from Deposit
(iv) Damages will be charged to the renting party	ACTUAL COST
(3) Decorating time fee (for up to 4 hrs)	\$ 50.00
	If key is not returned within 4 hrs of use, an additional \$50 fee will be charged
(4) Security (if alcohol is present)	REQUIRED - Must be local licensed security personnel - Provided by event organizer
<b>(c) FAIR PARK - SHOW RING &amp; LIVESTOCK BARNs</b>	<b>FEES SET BY ROCKDALE FAIR ASSOCIATION</b>
Fees include the use of all facilities EXCEPT the office and concession stand	
(1) Deposit	\$ 1,000.00
(2) Weekend Rental (48 hours)	\$ 1,600.00
	Starts 5p Friday and ends 5p Sunday
(3) Daily Rental (24 hours)	\$ 850.00
	Starts 5p the previous day until 5p the day of rental
(4) Additional hours	\$ 50.00 per hour
(5) Damages will be charged to the renting party	ACTUAL COST
<b>(d) FAIR PARK - RODEO ARENA</b>	<b>FEES SET BY ROCKDALE FAIR ASSOCIATION</b>
(1) Deposit	\$ 500.00
(2) Day Rental (No Lights)	
(i) Pen	\$ 400.00
(ii) Concession rental	\$ 250.00 for event
(3) Night Rental (Lights used)	
(i) Pen	\$ 400.00
(ii) Lights	\$ 400.00
	May be turned on no earlier than 30 mins before dark
(4) Damages will be charged to the renting party	ACTUAL COST
NOTE: Each organization renting the arena MUST provide their own tractor and will only be allowed to use the steel flat drag provided by RFA for pen maintenance. The renting organization is responsible for watering and preparation of the arena before the event. RFA will drag the arena prior to the event to break the ground, but the renting organization will be responsible for final conditioning of the pen.	
<b>(e) FAIR PARK - COMMERCIAL HEIFER BARN</b>	<b>FEES SET BY ROCKDALE FAIR ASSOCIATION</b>
(1) Deposit	\$ 1,000.00
	Refundable if barn is left clean and no damage
(2) Rental fees	
(i) For first day	\$ 600.00
(ii) For each additional day	\$ 200.00
(3) Damages will be charged to the renting party	ACTUAL COST

**APPENDIX F**

**WATER CONSERVATION IMPLEMENTATION REPORT:  
TCEQ FORM 20645**



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Water Availability Division - MC-160, P.O. Box 13087 Austin, Texas 78711-3087

Telephone (512) 239-4691, FAX (512) 239-2214

# WATER CONSERVATION IMPLEMENTATION REPORT FORM AND SUMMARY OF UPDATES/REVISONS TO WATER CONSERVATION PLAN

(Texas Water Code §11.1271(b) and Title 30 Texas Administrative Code §288.30(1) to (4))

*Please note, this form replaces the following forms: TCEQ-20645 (Non-Public Water Suppliers) and TCEQ-20646 (Public Water Suppliers)*

**This Form is applicable to the following entities:**

1. Water Right Holders of 1,000 acre-feet or more for municipal, industrial, and other non-irrigation uses.
2. Water Right Holders of 10,000 acre-feet or more for irrigation uses.

The above noted entities are required by rule to submit updates to their water conservation plan(s) and water conservation implementation report(s) every five years. The most current five-year submittal deadline is **May 1<sup>st</sup>, 2019**. See 30 Texas Administrative Code (TAC) §288.30(1) to (4). Entities must also submit any revisions to their water conservation plan within 90 days of adoption when the plans are revised in between the five-year submittal deadlines. This form may be used for the five-year submittal or when revisions are made to the water conservation plans in the interim periods between five-year submittals. Please complete the form as directed below.

1. Water Right Holder Name: \_\_\_\_\_

2. Water Right Permit or Certificate Nos. \_\_\_\_\_

3. Please Indicate by placing an 'X' next to all that Apply to your Entity:

Water Right Holder of 1,000 acre feet or more for non irrigation uses

Municipal Water Use by Public Water Supplier

Wholesale Public Water Supplier

Industrial Use

Mining Use

Agriculture Non-Irrigation

Water Right Holder of 10,000 acre-feet or more for irrigation uses

Individually-Operated Irrigation System

Agricultural Water Suppliers Providing Water to More Than One User

**Water Conservation Implementation Reports/Annual Reports**

4. Water Conservation Annual Reports for the previous five years were submitted to the Texas Water Development Board (TWDB) for each of the uses indicated above as required by 30 TAC §288.30(10)(C)? Yes  No

**TCEQ no longer requires submittal of the information contained in the detailed implementation report previously required in Forms TCEQ-20645 (Non-Public Water Suppliers) and TCEQ-20646 (Public Water Suppliers). However, the Entity must be up-to-date on its Annual Report Submittals to the TWDB.**

### **Water Conservation Plans**

5. For the five-year submittal (or for revisions between the five-year submittals), attach your updated or revised Water Conservation Plan for each of the uses indicated in Section 3, above. Every updated or revised water conservation plan submitted must contain each of the minimum requirements found in the TCEQ rules and must be duly adopted by the entity submitting the water conservation plan. Please include evidence that each water conservation plan submitted has been adopted.

- Rules on minimum requirements for Water Conservation Plans can be found in 30 TAC 288.  
[http://texreg.sos.state.tx.us/public/readtac%24ext.ViewTAC?tac\\_view=4&ti=30&pt=1&ch=288](http://texreg.sos.state.tx.us/public/readtac%24ext.ViewTAC?tac_view=4&ti=30&pt=1&ch=288)
- Forms which include the minimum requirements and other useful information are also available to assist you. Visit the TCEQ webpage for Water Conservation Plans and Reports. [https://www.tceq.texas.gov/permitting/water\\_rights/wr\\_technical-resources/conserve.html](https://www.tceq.texas.gov/permitting/water_rights/wr_technical-resources/conserve.html)

*Call 512-239-4691 or email to [wcp@tceq.texas.gov](mailto:wcp@tceq.texas.gov) for assistance with the requirements for your water conservation plan(s) and report(s).*

6. For each Water Conservation Plan submitted, state whether the five and ten-year targets for water savings and water loss were met in your *previous* water conservation plan.

Yes \_\_\_\_\_ No \_\_\_\_\_

If the targets were not met, please provide an explanation.



7. For each five-year submittal, does each water conservation plan submitted contain *updated* five and ten-year targets for water savings and water loss?

Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, please identify where in the water conservation plan the updated targets are located (page, section).

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8. In the box below (or in an attachment titled "Summary of Updates or Revisions to Water Conservation Plans), please identify any other revisions/updates made to each water conservation plan that is being updated or revised. Please specify the water conservation plan being updated and the location within the plan of the newly adopted updates or revisions.

9. Form Completed by (Point of Contact): \_\_\_\_\_  
*(If different than name listed above, owner and contact may be different individual(s)/entities)*

Contact Person Title/Position: \_\_\_\_\_

Contact Address: \_\_\_\_\_

Contact Phone Number: \_\_\_\_\_ Contact Email Address: \_\_\_\_\_

Signature: Siglinda West Date: \_\_\_\_\_

**EXHIBIT A**

**CERTIFICATE OF CONVENIENCE AND NECESSITY  
AND SERVICE AREA MAP**

**City of Rockdale Water System CCN No. 10012**



