

**City of Blanco  
Water Conservation  
and Drought Contingency Plan**

**Version 1 - April 2017**

**Prepared For:**

City of Blanco  
300 Pecan Street  
P.O. Box 750  
Blanco, Texas 78606  
(830) 833-4525

**Compiled By:**

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2204 South Hwy 281, Suite D  
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TBPE Firm No. F-006320

**Adopted By City Council On: April 11, 2017**

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GROUP

# **WATER CONSERVATION PLAN**

## **I. Planning Area**

The City of Blanco (City) is located in Blanco County, Texas on US Highway 281. Blanco's 2010 US Census population was 1,739 people, up from 1,508 people in the 2000 US Census count. The current population within the service area is approximately 2,558 based on best available information. The American Community Survey estimates do not track cities with a population less than 5,000. The City's water system service area is shown in Attachment B.

## **II. Water and Wastewater Systems**

The City's public water supply system currently serves approximately 1,023 connections. The City's raw water supplies include an adjudicated water right on the Blanco River (600 acre-feet/year) as well as a contracted annual supply from the Guadalupe-Blanco River Authority (GBRA) in Canyon Lake (600 acre-feet/year). The City's combined raw water supplies are capable of serving upwards of 3,000 connections. Treated water supplies include a 1.0 mgd surface water treatment plant on the Blanco River which is owned and operated by the City of Blanco as well as a 0.5 mgd water treatment and delivery contract with Canyon Lake Water Supply Company (CLWSC) for treatment of the GBRA Canyon Lake supply. Detailed water system data is provided in the Utility Profile Worksheet in Attachment C.

The City's drinking water distribution system includes high service pump stations and ground storage tanks at each of the treated water entry points, for a combined ground storage volume of 750,000 gallons and high service pump capacity of 2,000 gpm. The City owns a booster pump station along the Canyon Lake treated water delivery pipeline that includes 200,000 gallons of ground storage and two 500 gpm booster pumps. A 200,000 gallon standpipe provides elevated storage capacity for the City's central pressure plane, and a 100,000 gallon elevated

storage tank and transfer pump station serves the north pressure plane. In addition, the City operates a small booster pump station with a 20,000 gallon ground storage tank and a 1,600 gallon hydro pneumatic pressure tank, which serves approximately 60 customers in its southern pressure plane.

The City's wastewater system generally includes a system of gravity collection mains that convey wastewater to a main lift station. The main lift station pumps the wastewater to a 0.225 mgd wastewater treatment plant owned and operated by the City. After treatment, the wastewater is discharged to an unnamed tributary which flows to the Blanco River. Detailed wastewater system data is provided in the Utility Profile Worksheet in Attachment C.

### **III. Specific, Quantified 5 and 10-Year Targets and Goals**

The City recognizes the importance of developing effective water conservation and emergency water demand management plans. Proper planning will allow all users in the system to conserve water and ensure a supply during shortages due to system constraints or drought. The Texas Water Development Board 2016 Regional Water Plan water management strategies includes water conservation. The City will establish an overall goal of 1% reduction per year over 10 years. The City will attempt to eventually reduce total per capita water consumption to below 100 gallons per capita, per day. The City has established the following combination of goals to meet state and regional goals for its water conservation plan.

- A. Reduce per capita consumption. The City's 5-year average annual per capita treated water use for 2012-2016 was 115 gallons per day. The City's goals are to reduce the gallons consumed per capita per day in the next five years to 109 gallons per day, and in the next ten years to 104 gallons per day.

B. Reduce unaccounted for water. The City's 5-year average per capita unaccounted for water for 2012-2016 was 18 gallons per day. The City's goals are to reduce the unaccounted for water in the next five years to 16 gallons consumed per capita per day, and in the next ten years to 14 gallons consumed per capita per day.

#### **IV. Master Metering Devices**

The City uses master meters at the treated water system entry points to measure the amount of water pumped into the system. The City will have its water meters tested and calibrated annually to maintain its accuracy to within plus or minus 5%.

#### **V. Universal Metering**

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

All customer service connections and municipal connections are currently metered. The City has established a plan to replace broken or otherwise malfunctioning meters. Production meters larger than 1 inch will be tested annually, and meters 1 inch and smaller will be tested once every ten years. Residential meters recording greater than 1,000,000 gallons will be replaced, and suspicious meters that record abnormally low usage will be tested or replaced immediately.

#### **VI. Record Management Program**

The City maintains a database of all water customers. City personnel use this database to record water sales and to determine the amount of water loss in the system (by comparison to the amount of treated water pumped into the system).

## **VII. Metering/Leak-Detection and Repair Program**

Universal metering of all retail customers is already in place in the water system. The City's current leak detection system consists of the following:

- A. Comparing treated water pumped into the system to potable water metered to customers on a monthly basis.
- B. Visual surveillance by all City employees, daily monitoring of system usage, and tank levels.
- C. Review of water bills to inform users of large increases in water usage.

## **VIII. Unaccounted for Water Use**

Several methods are used to find and control unaccounted for uses of water. City personnel continuously survey along distribution lines for leaks, abandoned services, and illegal connections. A periodic review of water pumped into the system versus water sold to customers is also performed to monitor for excessive losses. Further, the City strives to estimate the amount of unmetered water used for flushing or fire-fighting as accurately as possible.

## **IX. Continuing Public Education and Information**

Through education and information dissemination, the City will continue to inform its water customers of the benefits of water conservation. The City will accomplish this by implementing the following steps:

- A. The City will provide public educational material developed by its staff, materials obtained from the Texas Water Development Board, Texas Commission on Environmental Quality, or other sources annually to its customers. The information will be made available on the City's website and at City Hall.

B. The City will report annually on the effectiveness of the City's water conservation measures, to include the per capita water usage and the annual water loss. If the Water Conservation Plan is not effective, City staff will make recommendations for modifying the plan to increase its effectiveness. The City will send a copy of an annual report to the executive administrator of the Texas Water Development Board.

**X. Non-Promotional Water and Wastewater Rate Structure**

The City has adopted a rate structure that does not encourage the excessive use of water. A schedule of the current water rates is provided in Attachment D.

**XI. Enforcement Procedure and Plan Adoption**

This water conservation plan has been implemented through the passage of an ordinance by the City. A copy of this ordinance is included as Attachment A.

**XII. Contract Requirements for Successive Customer Conservation**

The City will require all wholesale public utility, private utility, political subdivision, or private business customers to adopt and implement the City's water conservation plan. As part of any new wholesale customer contract or renewal of an existing wholesale customer contract to purchase water from the City, the City will require that the water conservation plan be adopted.

**XIII. Record Management System**

The plan must include a record management system to record water pumped, water deliveries, water sales, and water losses which allows for the desegregation of water sales and uses into the following user classes: residential; commercial; public and institutional; and industrial.

B. The City will report annually on the effectiveness of the City's water conservation measures, to include the per capita water usage and the annual water loss. If the Water Conservation Plan is not effective, City staff will make recommendations for modifying the plan to increase its effectiveness. The City will send a copy of an annual report to the executive administrator of the Texas Water Development Board.

**X. Non-Promotional Water and Wastewater Rate Structure**

The City has adopted a rate structure that does not encourage the excessive use of water. A schedule of the current water rates is provided in Attachment D.

**XI. Enforcement Procedure and Plan Adoption**

This water conservation plan has been implemented through the passage of an ordinance by the City. A copy of this ordinance is included as Attachment A.

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The City will require all wholesale public utility, private utility, political subdivision, or private business customers to adopt and implement the City's water conservation plan. As part of any new wholesale customer contract or renewal of an existing wholesale customer contract to purchase water from the City, the City will require that the water conservation plan be adopted.

**XIII. Record Management System**

The plan must include a record management system to record water pumped, water deliveries, water sales, and water losses which allows for the desegregation of water sales and uses into the following user classes: residential; commercial; public and institutional; and industrial.



The City currently maintains records of water pumped, water sold, and water losses. The accounting system allows for the segregation of water sales and use in categories of residential, commercial, industrial, and public/institutional.

#### **XIV. Plumbing Codes**

The City has adopted the 2015 International Building Codes as published by the International Code Council (ICC) as its standard for new construction and remodeling.

#### **XV. Implementation Schedule**

- Master meters will be tested and calibrated annually
- Meters 1 inch and smaller will be monitored for accuracy and replaced on a 10 year cycle.
- Water audits are conducted annually to identify water losses.
- Known water losses are corrected immediately and deteriorating water mains are replaced on an on-going basis.
- Educational materials will be made available on the City's website and at City Hall annually.
- Visual leak detection inspections are performed on an on-going basis.

#### **XVI. Tracking the Implementation and Effectiveness**

The City will track the established targets and goals by utilizing the following procedures:

- Logs shall be maintained for meter calibration, meter testing, and meter replacement program.
- Annual water audits shall be documented and kept in the utility department files.
- Ordinance will document all changes in water rates.

- A record of the location of leaks repaired will be maintained in order to identify lines needing replacement.

**ATTACHMENT A**

**ORDINANCE ADOPTING A WATER CONSERVATION PLAN  
AND A DROUGHT CONTINGENCY PLAN**

## **ORDINANCE No. 2017-O-005**

**AN ORDINANCE DOPTING A WATER CONSERVATION PLAN AND A DROUGHT CONTINGENCY PLAN FOR THE CITY OF BLANCO, TO PROMOTE THE RESPONSIBLE USE OF WATER AND ESTABLISHING CRITERIA FOR THE INITIATION AND TERMINATION OF DROUGHT RESPONSE STAGES, INCLUDING RESTRICTIONS, PROVIDING FOR PENALTIES, PROVIDING SEVERABILITY, AND ESTABLISHING AN EFFECTIVE DATE.**

WHEREAS, the City of Blanco, Texas, recognizes that the amount of water available to its citizens and customers is limited; and

WHEREAS, the City recognizes that drought, system failures, and other acts of God may occur and that the City cannot guarantee uninterrupted water supply for all purposes at all times; and

WHEREAS, the City desires to conserve water resources and prepare for drought; and

WHEREAS, the City desires to comply with Section 11.1271 of the Texas Water Code and applicable rules of the Texas Commission on Environmental Quality which require these plans for all public water supply systems; and

WHEREAS, pursuant to Chapter 54 of the Local Government Code and in the best interest of its citizens, the City is authorized to adopt ordinances it deems are necessary and expedient to preserve and conserve its water resources and prepare for drought;

NOW, THEREFORE, BE IT ORDAINED by the CITY COUNCIL of the CITY OF BLANCO, TEXAS, THAT:

### **SECTION I**

The City Council does hereby find and declare that sufficient and timely written notice of place and subject matter of this meeting adopting this ordinance was posted. The City Council further ratifies, approves, and confirms such written notice and the posting thereof.

### **SECTION II**

The City Council adopts the Water Conservation Plan and Drought Contingency Plan attached to this ordinance. For all ordinances that are in conflict with the provisions of this ordinance, the conflicting passages are hereby superseded.

Section III

Any person, individual, company or corporation that violates the provisions of the Water Conservation Plan and Drought Contingency Plan shall be charged with a Class C misdemeanor, and, further, may be charged with violation of Chapter 8 of the Unified Development Code regarding Health and Safety, and may be fined up to \$2000 per offense.

SECTION IV

Should any sentence, paragraph, clause, phrase, or word of this ordinance be declared unconstitutional or invalid for any reason, the remainder of the ordinance shall not be affected.

SECTION V

The City Secretary is hereby directed and authorized to publish the caption and penalty clause of this ordinance.

SECTION VI

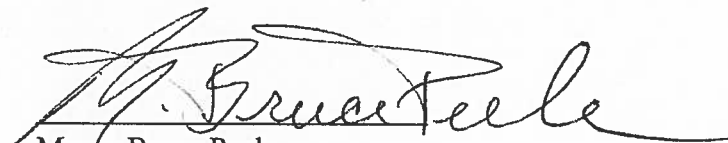
The Mayor or his designee is hereby directed to file a copy of the Plans and Ordinance with the Texas Water Development Board in accordance with Title 31, Chapter 363 of the Texas Administrative Code.

SECTION VII


This ordinance shall take effect following passage and publication.

**PASSED & APPROVED** this, the 11<sup>th</sup> day of April, 2017, by a vote of 3 ayes, 0 nays, 0 abstentions of the City Council of the City of Blanco, Texas.

CITY of BLANCO:

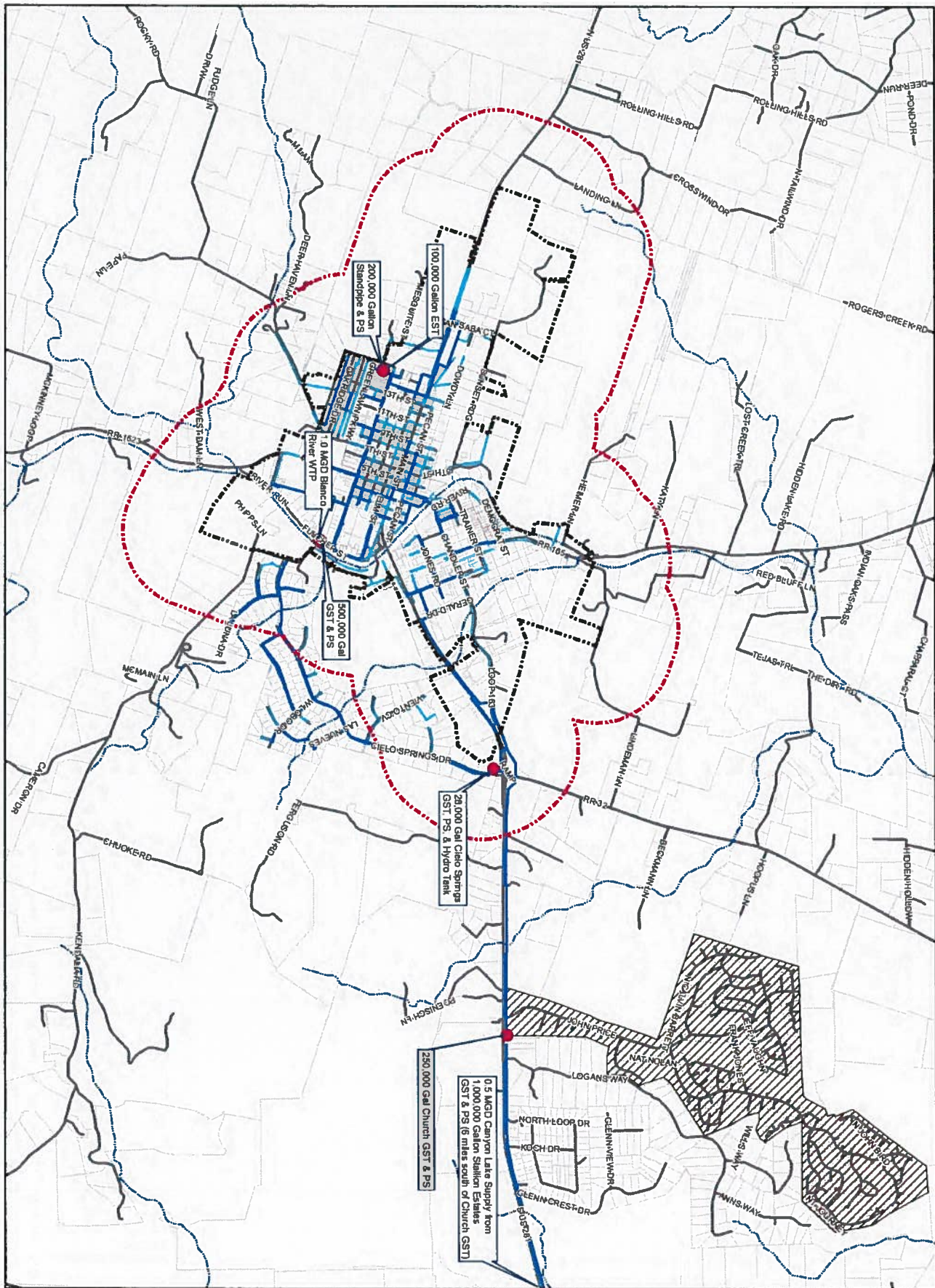
  
Mayor Bruce Peele

Attest:

  
Jessica Gardner, City Secretary

**ATTACHMENT B**

**WATER SERVICE AREA MAP**



**Legend:**

Existing Water Distribution System	Blanco City Limits (~2,400 acres)
Water Line (6" -12")	City of Blanco ETJ (~6,600 acres total)
Water Line (<6")	Existing Rocking J Water CCN Boundary
Blanco CAD	
Parcel Boundary	

**City of Blanco  
Water Service Area Map**

Project Name: Blanco WTP TWDB Project Number: JHA 1024-015 Version: Application Date: March 2017		0 1,500 3,000 6,000 Feet 
<b>JONES - HEROY &amp; ASSOCIATES, INC.</b> 		
2204 S Hwy 281, Ste D    Office (512) 556-2300 Lampasas, Texas 78750    Fax (512) 556-5304 TBPE Registered Firm F-006320    www.Jones-Heroy.com		

**ATTACHMENT C**

**UTILITY PROFILE WORKSHEET**



## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

Fill out this form as completely as possible.  
If a field does not apply to your entity, leave it blank.

### CONTACT INFORMATION

Name of Utility: City of Blanco

Public Water Supply Identification Number (PWS ID): 0160002

Certificate of Convenience and Necessity (CCN) Number: NA

Surface Water Right ID Number: 18-3877

Wastewater ID Number: WQ-00105449002

Completed By: Jason Jones, P.E. Title: Principal

Address: 2204 US Highway 281, Suite D City: Lampasas Zip Code: 76550

Email: jasonj@jones-heroy.com Telephone Number: 512-556-2300

Date: 3/24/17

Regional Water Planning Group: K Map

Groundwater Conservation District: Blanco - Map

Check all that apply:

- Received financial assistance of \$500,000 or more from TWDB
- Have 3,300 or more retail connections
- Have a surface water right with TCEQ

# Section I: Utility Data

## A. Population and Service Area Data

1. Current service area size in square miles: 4  
 (Attach or email a copy of the service area map.)
  
2. Provide historical service area population for the previous five years, starting with the most current year.

Year	Historical Population Served By Retail Water Service	Historical Population Served By Wholesale Water Service	Historical Population Served By Wastewater Service
2016	2,558	0	2,125
2015	2,515	0	2,087
2014	2,470	0	2,050
2013	2,455	0	2,013
2012	2,415	0	1,975

3. Provide the projected service area population for the following decades.

Year	Projected Population Served By Retail Water Service	Projected Population Served By Wholesale Water Service	Projected Population Served By Wastewater Service
2020	2,708	0	2,247
2030	3,219	0	2,672
2040	3,519	0	2,921
2050	3,848	0	3,194
2060	4,019	0	3,336

4. Describe the source(s)/method(s) for estimating current and projected populations.

Using the current data for annual water services added to the system, 15 connections per year at 2.5 persons per connection was used to estimate the population served for 2016. This process was used to project the 2020 population. The Region K water Plan growth rate, in Appendix 2A of the plan, was used to estimate the future populations served by retail water service. Wastewater service population was estimated to be 83% of the water service population based on current information. This process was applied to the data as presented above.

**B. System Input**

Provide system input data for the previous five years.

Total System Input = Self-supplied + Imported – Exported

Year	Self-supplied Water In Gallons	Purchased/Imported Water In Gallons	Exported Water In Gallons	Total System Input	Total GPCD
2016	68,529,000	36,539,000		105,068,000	113
2015	8,241,000	95,738,000		103,979,000	113
2014	85,799,000	26,833,000		112,632,000	125
2013	67,360,000	35,117,000		102,477,000	114
2012	43,710,000	55,303,000		99,013,000	112
Historic 5-year Average	54,727,800	49,906,000	0	104,633,800	115

**C. Water Supply System (Attach description of water system)**

1. Designed daily capacity of system 1,500,000 gallons per day.
2. Storage Capacity:  
 Elevated 200,000 gallons  
 Ground 1,055,000 gallons
3. List all current water supply sources in gallons.

Water Supply Source	Source Type*	Total Gallons
Blanco River	Surface	543,085
GBRA Canyon Lake	Contract	500,000
	Choose One	
	Choose One	
	Choose One	
	Choose One	

\*Select one of the following source types: *Surface water, Groundwater, or Contract*

4. If surface water is a source type, do you recycle backwash to the head of the plant?  
 Yes \_\_\_\_\_ estimated gallons per day  
 No

## D. Projected Demands

1. Estimate the water supply requirements for the next ten years using population trends, historical water use, economic growth, etc.

Year	Population	Water Demands (gallons)
2017	2,596	337,415
2018	2,633	342,290
2019	2,671	347,165
2020	2,708	352,040
2021	2,746	356,915
2022	2,783	361,790
2023	2,821	366,665
2024	2,858	371,540
2025	2,896	376,415
2026	2,933	381,290

2. Describe sources of data and how projected water demands were determined. Attach additional sheets if necessary.

Historical data yields 15 connections per year for the water system. Using the TCEQ water design criteria of 130 gallons per capita and the census information of approximately 2.5 persons per household, the projections were calculated to produce the data above.

**E. High Volume Customers**

1. List the annual water use, in gallons, for the five highest volume **RETAIL** customers. Select one of the following water use categories to describe the customer; choose Residential, Industrial, Commercial, Institutional, or Agricultural.

Retail Customer	Water Use Category*	Annual Water Use	Treated or Raw
Real Ale	Residential	9,727,200	Treated
Chandler Place Apartments	Residential	3,622,700	Treated
Best Western Plus	Residential	1,313,300	Treated
Ingram Ready Mix	Residential	1,259,600	Treated
Stewart Legacy Group	Residential	1,173,300	Treated

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

2. If applicable, list the annual water use for the five highest volume **WHOLESALE** customers. Select one of the following water use categories to describe the customer; choose Municipal, Industrial, Commercial, Institutional, or Agricultural.

Wholesale Customer	Water Use Category*	Annual Water Use	Treated or Raw
0	Choose One		Choose One
0	Choose One		Choose One
0	Choose One		Choose One
0	Choose One		Choose One
0	Choose One		Choose One

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

**F. Utility Data Comment Section**

Provide additional comments about utility data below.

Part "E" lists what appear to be commercial customers. However, the City classifies customers based on the meter size. Only one high use customer uses a meter size that is classified as commercial.

## Section II: System Data

### A. Retail Connections

1. List the active retail connections by major water use category.

Water Use Category*	Active Retail Connections			
	Metered	Unmetered	Total Connections	Percent of Total Connections
Residential – Single Family	1,021	0	1,021	100%
Residential – Multi-family (units)	1	0	1	0%
Industrial	1	0	1	0%
Commercial	0	0	0	0%
Institutional	0	0	0	0%
Agricultural	0	0	0	0%
<b>TOTAL</b>	<b>1,023</b>	<b>0</b>	<b>1,023</b>	

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

2. List the net number of new retail connections by water use category for the previous five years.

Water Use Category*	Net Number of New Retail Connections				
	2016	2015	2014	2013	2012
Residential – Single Family	1,021	1,006	991	976	961
Residential – Multi-family (units)	1	1	1	1	1
Industrial	1	1	1	1	1
Commercial	0	0	0	0	0
Institutional	0	0	0	0	0
Agricultural	0	0	0	0	0
<b>TOTAL</b>	<b>1,023</b>	<b>1,008</b>	<b>993</b>	<b>978</b>	<b>963</b>

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

**B. Accounting Data**

For the previous five years, enter the number of gallons of RETAIL water provided in each major water use category.

Water Use Category*	Total Gallons of Retail Water				
	2016	2015	2014	2013	2012
Residential - Single Family	73,786,600	69,255,100	85,368,000	72,550,000	81,794,000
Residential – Multi-family	2,188,500	1,678,500	378,000	339,000	412,000
Industrial	9,871,500	9,265,800	8,060,000	8,822,000	6,077,000
Commercial	0	0	0	0	0
Institutional	0	0	0	0	0
Agricultural	0	0	0	0	0
<b>TOTAL</b>	<b>85,846,600</b>	<b>80,199,400</b>	<b>93,806,000</b>	<b>81,711,000</b>	<b>88,283,000</b>

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

**C. Residential Water Use**

For the previous five years, enter the residential GPCD for single family and multi-family units.

Water Use Category*	Residential GPCD				
	2016	2015	2014	2013	2012
Residential - Single Family	79	75	95	81	93
Residential – Multi-family					

**D. Annual and Seasonal Water Use**

1. For the previous five years, enter the gallons of treated water provided to RETAIL customers.

Month	Total Gallons of Treated Retail Water				
	2016	2015	2014	2013	2012
January	5,666,000	6,309,000	6,653,000	7,192,000	6,474,200
February	6,602,000	5,478,700	7,356,700	6,096,000	5,134,900
March	8,009,500	5,044,300	6,409,800	5,823,800	5,229,200
April	6,187,000	6,123,900	7,172,000	6,402,300	7,011,000
May	5,777,900	7,033,800	8,804,000	6,192,600	6,586,200
June	7,542,000	5,402,600	8,776,000	8,059,900	9,288,100
July	9,410,900	8,596,800	8,904,000	7,034,000	8,177,000
August	9,002,400	8,776,100	9,795,600	9,370,100	10,349,200
September	7,426,000	8,658,300	9,084,300	8,255,800	9,147,000
October	7,507,400	8,006,300	7,862,000	5,801,500	7,572,100
November	7,780,200	5,054,300	7,615,800	6,051,200	6,209,000
December	4,935,100	5,715,400	5,372,800	5,432,200	7,105,200
<b>TOTAL</b>	<b>85,846,400</b>	<b>80,199,500</b>	<b>93,806,000</b>	<b>81,711,400</b>	<b>88,283,100</b>

2. For the previous five years, enter the gallons of raw water provided to RETAIL customers.

Month	Total Gallons of Raw Retail Water				
	2016	2015	2014	2013	2012
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

3. Summary of seasonal and annual water use.

Water Use	Seasonal and Annual Water Use					Average in Gallons
	2016	2015	2014	2013	2012	
Summer Retail (Treated + Raw)	25,955,300	22,775,500	27,475,600	24,464,000	27,814,300	25,696,940 Syr Average
TOTAL Retail (Treated + Raw)	85,846,400	80,199,500	93,806,000	81,711,400	88,283,100	85,969,280 Syr Average

E. **Water Loss**

Provide Water Loss data for the previous five years.

$$\text{Water Loss GPCD} = [\text{Total Water Loss in Gallons} \div \text{Permanent Population Served}] \div 365$$

$$\text{Water Loss Percentage} = [\text{Total Water Loss} \div \text{Total System Input}] \times 100$$

Year	Total Water Loss in Gallons	Water Loss in GPCD	Water Loss as a Percentage
2016	15,206,713	16	14%
2015	23,947,200	26	23%
2014	17,770,900	20	16%
2013	15,269,300	17	15%
2012	9,691,400	11	10%
<b>5-year average</b>	<b>16,377,103</b>	<b>18</b>	<b>16%</b>



**F. Peak Water Use**

Provide the Average Daily Water Use and Peak Day Water Use for the previous five years.

Year	Average Daily Use (gal)	Peak Day Use (gal)	Ratio (peak/avg)
2016	291,390	520,000	1.78
2015	291,350	500,000	1.72
2014	284,700	564,000	1.98
2013	267,800	439,000	1.64
2012	270,400	610,000	2.26

**G. Summary of Historic Water Use**

Water Use Category	Historic 5-year Average	Percent of Connections	Percent of Water Use
Residential SF	76,550,740	100%	0%
Residential MF	999,200	0%	0%
Industrial	8,419,260	0%	0%
Commercial	0	0%	0%
Institutional	0	0%	0%
Agricultural	0	0%	0%

**H. System Data Comment Section**

Provide additional comments about system data below.

For Part C. Residential Water Use, while there are 50 units in the Multi-family complex, the city does not tract the occupancy in the Multi-family housing complex. This information is not available on a accurate level.

## Section III: Wastewater System Data

If you do not provide wastewater system services then you have completed the Utility Profile. Save and Print this form to submit with your Plan. Continue with the Water Conservation Plan Checklist to complete your Water Conservation Plan.

### A. Wastewater System Data (Attach a description of your wastewater system.)

- Design capacity of wastewater treatment plant(s): 225,000  
gallons per day.
- List the active wastewater connections by major water use category.

Water Use Category*	Active Wastewater Connections			
	Metered	Unmetered	Total Connections	Percent of Total Connections
Municipal		848	848	100%
Industrial		0	0	0%
Commercial		2	2	0%
Institutional		0	0	0%
Agricultural		0	0	0%
<b>TOTAL</b>	<b>0</b>	<b>850</b>	<b>850</b>	

- What percent of water is serviced by the wastewater system? 50%
- For the previous five years, enter the number of gallons of wastewater that was treated by the utility.

Month	Total Gallons of Treated Wastewater				
	2016	2015	2014	2013	2012
January	4,514,000	4,229,000	3,569,000	3,802,000	3,843,000
February	3,608,000	3,412,000	3,144,000	3,129,000	3,860,000
March	4,205,000	4,103,000	3,489,000	3,522,000	4,772,000
April	4,013,000	4,448,000	3,466,000	3,625,000	3,891,000
May	5,010,000	8,448,000	3,721,000	3,316,000	4,574,000
June	6,522,000	4,279,900	3,410,000	3,643,000	3,682,000
July	4,085,000	3,965,000	3,555,000	3,571,000	3,945,000
August	3,869,000	3,744,000	3,586,000	3,490,000	3,688,000
September	4,160,000	3,487,000	3,586,000	3,488,000	3,440,000
October	3,884,000	4,615,000	3,759,000	4,330,000	2,656,000
November	3,889,000	5,135,000	3,819,800	3,894,000	3,405,000
December	4,262,000	4,714,900	3,595,000	3,537,000	3,423,000
<b>TOTAL</b>	<b>52,021,000</b>	<b>54,580,800</b>	<b>42,699,800</b>	<b>43,347,000</b>	<b>45,179,000</b>

4. Can treated wastewater be substituted for potable water?

- Yes       No

**B. Reuse Data**

1. Provide data on the types of recycling and reuse activities implemented during the current reporting period.

Type of Reuse	Total Annual Volume (in gallons)
On-site irrigation	
Plant wash down	
Chlorination/de-chlorination	
Industrial	
Landscape irrigation (parks, golf courses)	
Agricultural	34,247,000
Discharge to surface water	
Evaporation pond	
Other	
<b>TOTAL</b>	<b>34,247,000</b>

**C. Wastewater System Data Comment**

Provide additional comments about wastewater system data below.

Reuse data for the entire year of 2016 for the agricultural purposes of irrigation on 68 acres of bermuda grass as per TCEQ Permit #54623.

You have completed the Utility Profile. Save and Print this form to submit with your Plan. Continue with the Water Conservation Plan Checklist to complete your Water Conservation Plan.

**ATTACHMENT D**

**WATER RATE SCHEDULE**

**UTILITIES ORDINANCE #269  
AMENDED AUGUST 14, 2012**

**BE IT ORDAINED** by the City Council of the City of Blanco that Utilities ordinance #269, an ordinance creating rules and regulations for furnishing City utilities and setting rates for charges therefore for the City of Blanco that Section 6 be amended as follows:

**SECTION 6: Rates and charges for services:**

a) Not amended

**b) GARBAGE COLLECTION AND DISPOSAL CHARGES:**

The following monthly charges shall be made for the collection and disposal of garbage or trash by the City:

1) Residential: for dwelling: \$14.00

2) Commercial: an amount determined by the City on the basis of the amount of garbage, rubbish, and solid waste to be collected and disposed of, but not less than \$18.75

c) **SEWER RATES:** Residential: User charge will be determined by the volume of wastewater discharged with each user billed the same minimum user charge of \$16.00 per month for the first 2,000 gallons. Rates in excess of this minimum user charge will be calculated based upon the average water consumption during the months of December, January, and February at the rate of \$2.00 per 1,000 gallons metered after a 2,000 gallon minimum.

Residential outside the City Limits: At a rate of \$3.00 per 1,000 gallons after the 2,000 gallon minimum.

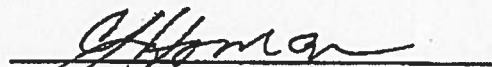
d) **SEWER RATES:** Commercial: The minimum user charge of \$20.00 per month for the first 2,000 gallons, plus \$2.50 per 1,000 thereafter. Outside the City limits: At a rate of \$3.75 per 1,000 after 2,000 gallon minimum.

e) **WATER RATES:** The following schedule of monthly rates or charges for water service furnished by the City shall be, and such is hereby adopted and established as follows:

1) Inside the City limits: First 1,500 gallons and minimum charge \$25.00. All over 1,500 gallons at a rate of \$7.00 per 1,000 gallons.

2) Outside the City limits: First 1,500 gallons and minimum charge: \$37.50 per month. All over 1,500 gallons at a rate of \$10.50 per 1,000 gallons.

**PASSED AND APPROVED** by the City Council of the City of Blanco, this the 14<sup>th</sup> day of August, 2012.

  
\_\_\_\_\_  
Chuck Homan, Mayor

\_\_\_\_\_  
Bobbie Mowery, City Secretary

**ATTACHMENT E**

**DROUGHT CONTINGENCY PLAN**



# **Drought Contingency Plan for a Retail Public Water Supplier**

Texas Commission on Environmental Quality

Instructions: The following form is a model of a drought contingency plan for a retail public water supplier. Not all items may apply to your system=s situation. This form is supplied for your convenience, but you are not required to use this form to submit your plan to the TCEQ. Submit completed plans to: Water Supply Division MC 160, TCEQ, P.O. Box 13087, Austin TX 78711-3087.

**City of Blanco**  
**(Name of Utility)**

**300 Pecan Street**  
**P.O. Box 750**  
**Blanco, Texas 78606**  
**(Address, City, Zip Code)**

**N/A**  
**(CCN#)**

**0160002**  
**(PWS #s)**

**April 2017**  
**(Date)**

## **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 Blanco hereby adopts the following regulations and restrictions on the delivery and consumption of water through an ordinance/or resolution (see Attachment A).

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 Blanco by means of scheduling and providing public notice of a public meeting to accept input on the Plan.

**Section III: Public Education**

The City of Blanco 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 press releases, utility bill inserts, or website posting.

**Section IV: Coordination with Regional Water Planning Groups**

The service area of the City of Blanco is located within the Region K Water Planning Group and the City of Blanco has provided a copy of this Plan to the Region K Water Planning Group.

**Section V: Authorization**

The 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 Blanco. The terms persons and customers 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 Blanco.

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.

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 fire fighting.

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 City Administrator or his/her designee shall monitor water supply and/or demand conditions on a weekly 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 / capacity under drought of record conditions, 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 formal notification is provided to the public by the City Administrator through news media based on a determination made by the Director of Public Works. Residents should voluntarily reduce water usage by 10% to 20% when the City has been without appreciable rainfall and forecasts predict more dry weather in the foreseeable future. During Stage 1, no penalties will be imposed on users that do not abide by the reduced water usage. Reminders will be placed in the local newspaper and posted on the City's website each week.

#### 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 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 the water system demand has reached 75% of the available water supply capacity for 3 consecutive days.

#### 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 minimum period of 2 consecutive weeks. 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 the water system demand has reached 85% of the available water supply capacity for 3 consecutive days.

#### 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 minimum period of 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 the water system demand has reached 95% of the available water supply capacity for 3 consecutive days; or if less than 90 days of storage exists in the city's Blanco River Reservoirs.

#### 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 minimum period of 3 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 the City Administrator, or his/her designee, determines that a water supply emergency exists based on:

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).

#### Requirements for termination

Stage 5 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist as determined by the Director of Public Works.

## **Section IX: Drought Response Stages**

The 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 City Administrator, or his/ her designee shall notify the public by means of:

- publication in a newspaper of general circulation,
- direct mail to each customer,
- public service announcements,
- signs posted in public places
- City website postings
- take-home fliers at schools.

#### Additional Notification:

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

- Mayor / Chairman and members of the City Council / Utility Board
- Fire Chief(s)
- City and/or County Emergency Management Coordinator(s)
- County Judge & Commissioner(s)
- State Disaster District / Department of Public Safety
- TCEQ (required when mandatory restrictions are imposed)
- Major water users
- Critical water users (hospitals, nursing homes and schools)
- Parks / street superintendents & public facilities managers

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

**Target: Achieve a voluntary 10 percent reduction in total water use or daily water demand.**

### **Best Management Practices for Supply Management:**

The City of Blanco will reduce or discontinue the flushing of water mains, activation and use of an alternative supply source and promote the 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 Blanco 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 20 percent reduction in total water use or daily water demand.**

### **Best Management Practices for Supply Management:**

The City of Blanco will manage limited water supplies and/or reduce water demand by reduced or discontinued flushing of water mains, reduced or discontinued irrigation of public landscaped areas; use of an alternative supply source(s); 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 anytime 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 rinses. 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 fire fighting, 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 Blanco.
- (f) All restaurants are prohibited from serving water to patrons except upon request of the patron.

(g) 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; and
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 30 percent reduction in total water use or daily water demand.**

**Best Management Practices for Supply Management:**

The City of Blanco will manage limited water supplies and/or reduce water demand by reduced or discontinued flushing of water mains, reduced or discontinued irrigation of public landscaped areas; use of an alternative supply source(s); 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 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 40 percent reduction in total water use or daily water demand.**

**Best Management Practices for Supply Management:**

The City of Blanco will manage limited water supplies and/or reduce water demand by reduced or discontinued flushing of water mains, reduced or discontinued irrigation of

public landscaped areas; use of an alternative supply source(s); 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 50 percent reduction in total water use or daily water demand.**

**Best Management Practices for Supply Management:**

The City of Blanco will manage limited water supplies and/or reduce water demand by reduced or discontinued flushing of water mains, reduced or discontinued irrigation of public landscaped areas; use of an alternative supply source(s); 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.

Water Allocation. In the event that EMERGENCY water shortage conditions continue to persist and threaten public health, safety, and welfare, the City Administrator, upon recommendation of the Director of Public Works, may order water rationing and/or terminate service to selected users of the system in accordance with the following sequence:

1. Recreational users
2. Commercial users
3. School users
4. Residential users
5. Hospitals, public health and safety facilities.

#### **Section X: Enforcement**

- (a) No person shall knowingly or intentionally allow the use of water from the City of Blanco 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 City Administrator, or his/her designee, 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 two hundred dollars (\$200.00) and not more than two thousand dollars (\$2,000.00). 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 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 \$60.00, and any other costs incurred by the City of Blanco in discontinuing service. In addition, suitable assurance must be given to the City Administrator 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 Blanco, 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 Blanco, police officer, or other city employee designated by the 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 Blanco within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the 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.

**ATTACHMENT F**

**CORRESPONDENCE WITH  
TWDB REGIONAL WATER PLANNING GROUP**



**JONES - HEROY & ASSOCIATES, INC.**

VIA EMAIL: [John.Sutton@twdb.texas.gov](mailto:John.Sutton@twdb.texas.gov)

May 2, 2017

Mr. John Sutton  
Texas Water Development Board  
Municipal Water Conservation Programs  
P.O. Box 13231  
Austin, Texas 78711

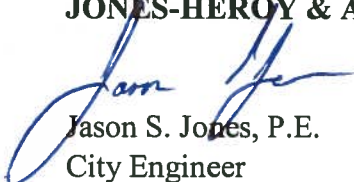
RE: City of Blanco Water Conservation and Drought Contingency Plan

Dear Mr. Sutton:

Transmitted herewith is one (1) final copy of the City of Blanco's Water Conservation and Drought Contingency Plan for your files. The City of Blanco adopted the plan with Ordinance No. 2017-O-005.

If you have any questions or need additional information, please let me know.

Sincerely,  
**JONES-HEROY & ASSOCIATES, INC.**



Jason S. Jones, P.E.  
City Engineer

Enclosures: Water Conservation and Drought Contingency Plan

Cc: Mr. Lambert Little, City Administrator ([cityadmin@cityofblanco.com](mailto:cityadmin@cityofblanco.com))  
Mr. Dain Larsen, TWDB ([dain.larsen@twdb.texas.gov](mailto:dain.larsen@twdb.texas.gov))

  
**JONES - HEROY & ASSOCIATES, INC.**

May 2, 2017

Mr. David Wheelock  
Lower Colorado River Authority  
Region K Water Planning Group  
P. O. Box 220, MC H107  
Austin, Texas 78767

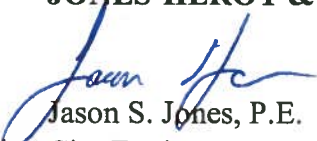
RE: City of Blanco Water Conservation and Drought Contingency Plan

Dear Mr. Wheelock:

Transmitted herewith is one (1) final copy of the City of Blanco's Water Conservation and Drought Contingency Plan for your files. The City of Blanco adopted the plan with Ordinance No. 2017-O-005.

If you have any questions or need additional information, please let me know.

Sincerely,  
**JONES-HEROY & ASSOCIATES, INC.**

  
Jason S. Jones, P.E.  
City Engineer

Enclosures: Water Conservation and Drought Contingency Plan

Cc: Mr. Lambert Little, City Administrator



**JONES - HEROY & ASSOCIATES, INC.**

May 2, 2017

Mr. Chris Loft, Team Leader  
Texas Commission on Environmental Quality  
Resource Projection Team, MC-160  
P.O. Box 13087  
Austin, Texas 78711

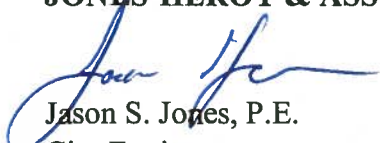
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Sincerely,  
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Jason S. Jones, P.E.  
City Engineer

Enclosures: Water Conservation and Drought Contingency Plan

Cc: Mr. Lambert Little, City Administrator