CITY OF BASTROP, TX

ORDINANCE NO. 2026-12

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF BASTROP, TEXAS, ADOPTING A WATER CONSERVATION PLAN IN ACCORDANCE WITH TEXAS COMMISSION ON ENVIRONMENTAL QUALITY AND TEXAS WATER DEVELOPMENT BOARD REGULATIONS; PROVIDING FOR: FINDINGS OF FACT, ENACTMENT, REPEALER, SEVERABILITY, EFFECTIVE DATE, AND PROPER NOTICE AND MEETING.

WHEREAS, the City of Bastrop, Texas, 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; and

WHEREAS, the City recognizes that due to natural limitations, drought conditions, system failures, and other acts of God which may occur, the City cannot guarantee an uninterrupted water supply for all purposes at all times; and

WHEREAS, the Texas Water Code and the regulations of the Texas Commission on Environmental Quality ("TCEQ") require that the City adopt a Water Conservation Plan; and

WHEREAS, Title 30, Part 1, Chapter 288, Subchapter A, Rule 288.2 of the Texas Administrative Code sets forth the TCEQ guidelines and requirements governing the development of water conservation plans for public water suppliers; and

WHEREAS, in accordance with 30 T.A.C. § 288.2, the City has devised a strategy or combination of strategies for reducing the volume of water withdrawn from its water supply source, for maintaining and improving the efficiency in the use of water, for increasing the recycling and reuse of water, and for preventing the pollution of water; and

WHEREAS, the City Council of the City of Bastrop has determined that it is in the best interest of the citizens of Bastrop, Texas to adopt a Water Conservation Plan; and

WHEREAS, pursuant to Chapter 54 of the Local Government Code, the City is authorized to adopt such Ordinances necessary to preserve and conserve its water resources; and

WHEREAS, the City Council of the City of Bastrop desires to adopt the attached Water Conservation Plan as official City policy for the conservation of water.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Bastrop, Texas:

Section 1. Findings of Fact: The foregoing recitals are incorporated into this Ordinance by reference as findings of fact as if expressly set forth word-for-word herein.

Section 2 Enactment: The City of Bastrop 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. In addition to filing with the Texas Water Development Board, a copy of this Water Conservation Plan shall be maintained in the City's files and placed on the City website in order that the public may have ready access to the Plan.

Section 3 Repealer: Ordinance 2020-07, adopted on April 28th, 2020 May 11, 2010 and April 26, 2016 respectively, are hereby repealed. All other ordinances, resolutions, or parts thereof, that are in conflict or inconsistent with any provision of this Ordinance are hereby repealed to the extent of such conflict, and the provisions of this Ordinance shall be and remain controlling as to the matters regulated, herein.

Section 4. Severability: Should any of the clauses, sentences, paragraphs, sections, or parts of this Ordinance be deemed invalid, unconstitutional, or unenforceable by a court of law or administrative agency with jurisdiction over the matter, such action shall not be construed to affect any other valid portion of this Ordinance.

Section 5. Effective Date: This Ordinance shall take effect upon the date of final passage noted below, or when all applicable publication requirements, if any, are satisfied in accordance with the City's Charter, its Code of Ordinances, and the laws of the State of Texas.

Section 6. Proper Notice & Meeting: It is hereby officially found and determined that the meeting at which this Ordinance was passed was open to the public, and that public notice of the time, place, and purpose of said meeting was given as required by the Open Meetings Act, Texas Government Code, Chapter 551. Notice was also provided as required by Chapter 52 of the Texas Local Government Code.

READ AND ACKNOWLEDGED on First Reading on the 14th day of April 2026.

READ AND APPROVED on Second Reading on the 28th day of April 2026.

APPROVED:

By: _____
Ishmael Harris, Mayor

ATTEST:

_____
Michael Muscarello, City Secretary

APPROVED AS TO FORM:

_____
City Attorney
Denton Navarro Rocha Bernal & Zech, P.C.

EXHIBIT A

CITY OF BASTROP

WATER CONSERVATION PLAN

Adopted: April 28, 2026

City Ordinance No. 2026-12

1. Introduction and Objectives

1.1 Purpose

Water supply has always been a key issue in the development of Texas. In recent years, the increasing population and economic development within the Texas Water Development Board (TWDB) Lower Colorado Water Planning Region (Region K) have led to growing demands for water supplies. Additional supplies to meet future demands can be expensive and difficult to secure. Extending current supplies will delay the need for new supplies, minimize environmental impacts associated with developing new supplies, and delay the relatively high cost of additional water supply development. Therefore, it is imperative that we make efficient use of existing supplies to make them last as long as possible.

The City of Bastrop has developed this Water Conservation Plan (WCP) in accordance with the requirements provided in 31 Texas Administrative Code (TAC) §363 and guidance provided by the Texas Water Development Board (TWDB). This plan supersedes the previous plan adopted in May 2020. The objectives of this Water Conservation Plan are to:

- Reduce water consumption from the levels that would prevail without conservation efforts;
- Reduce loss and waste of water;
- Improve efficiency in the use of water;
- Encourage efficient outdoor water use;
- Document the level of recycling and reuse in the water supply; and
- Extend the life of current water supplies/facilities by reducing the rate of growth in demand.

2. Regulatory Considerations

2.1 Rules Governing Water Conservation Plans and Applicability

Rules and requirements pertaining to WCPs are published by the Texas Commission on Environmental Quality (TCEQ) and the TWDB under 30 TAC §288 and 31 TAC §363, respectively.

The TCEQ requires that a WCP be prepared and submitted for entities holding a surface water right of 1,000 acre-feet or more for municipal, industrial, and other non-irrigation uses, or entities holding a surface water right of 10,000 acre-feet or more for irrigation uses.

The TWDB requires that each retail public utility that provides potable water service to 3,300 or more connections submit a WCP to the TWDB.

The City of Bastrop is not a surface water right holder but does have more than 3,300 connections. As such, this plan is being submitted to satisfy the requirements by the TWDB as outlined in 31 TAC §363.

2.2 Minimum Plan Requirements

The minimum requirements in the Texas Administrative Code for Water Conservation Plans for Public Water Suppliers are covered in this plan as follows:

- Utility Profile
- Specific, Quantifiable Targets and Goals
- Schedule for Plan Implementation to Achieve Targets
- Monitoring Plan Effectiveness
- Record Management System
- Accurate Master Metering for Production
- Universal Metering
- Determination and Control of Water Loss
- Leak Detection, Repair, and Water Loss Accounting
- Public Education and Information Program
- Drought Contingency Plan
- Non-Promotional Water Rate Structure
- Requirement for Water Conservation Plans by Wholesale Customers
- Coordination with Regional Water Planning Groups
- Means of Implementation and Enforcement
- Reporting Requirements
- Provisions Review and Update of Plan

In addition to these minimum plan requirements, a WCP may also include any other water conservation practice, method, or technique that the applicant deems appropriate.

3. Utility Profile

The following is a brief summary of the City of Bastrop's Utility Profile. A detailed summary of the utility profile is provided in Appendix A.

3.1 Water System

The City of Bastrop's Water and Wastewater Department manage a water distribution service area covering an extent of approximately 12 square miles in area and serving a population of approximately 14,998. The city has approximately 5,856 retail connections. A map depicting the boundaries of the City's Water Certificate of Convenience and Necessity (CCN) is included in Appendix B. Connections within the system are categorized and broken out by percentage of the total water usage as follows: single family residential (67%), multi-family residential (20%), and commercial (13%). The City provides drinking water to its customers from groundwater produced from the City's seven (7) active groundwater wells, capable of producing up to 3.557 million gallons per day (MGD). This groundwater is treated at the City's two (2) water treatment plant facilities before entering the distribution system. Customers are served through a network of approximately 70 miles of transmission and distribution lines, ranging in diameter from 2 through 16 inches.

The City is currently in the construction phase for a new groundwater treatment plant facility and well field utilizing Carrizo Aquifer groundwater. The new treatment plant facility is being designed for a phased build-out approach to cover the City's projected water demands for the future. Once completed, the new plant and wells will replace the existing water production and treatment facilities.

3.2 Wastewater System

Raw wastewater in the City is conveyed through a network of over 81 miles of wastewater collection lines and numerous lift stations to the City's two (2) wastewater treatment plant facilities.

The East Wastewater Treatment Plant facility is located on the south end of Water Street and is comprised of two (2) treatment plant units which discharge treated effluent to the Colorado River under TPDES permit WQ0011076001. The City is also under contractual obligations to treat up to 200,000 gallons per day (GPD) of wastewater flows from Bastrop County Water Control and Improvement District #2 (BCWCID #2). In 2025, the wastewater treatment plant facility treated an average daily flow of approximately 0.75 MGD; the design capacity of the wastewater treatment facility is 1.4 MGD.

The West Bastrop Wastewater Treatment Facility is located approximately 1.5 miles south of the intersection of State Highway 71 and State Highway 304. While currently built to treat 2.0 MGD and permitted to discharge 4.0 MGD to the Colorado River under TPDES permit WQ0011076002, the facility and site are arranged to allow for future expansions to exceed 8 MGD, contingent upon future treatment techniques and TCEQ permit approval.

The City has received authorization from the TCEQ for reuse of Type I and Type II wastewater effluent from the City's East wastewater treatment plant facility. Historically under this authorization, the City has provided reuse water to support local construction activities and operations at the City's wastewater treatment facility.

4. Specification of Water Conservation Targets and Goals

The purpose of this Water Conservation Plan is to provide a framework to reduce long-term demand on limited water resources by encouraging more efficient water use practices in the City of Bastrop. TWDB rules require that the plan contain specific, quantified 5-year and 10-year targets for water savings which are to include goals for water loss programs and goals for municipal use in total and residential gallons per capita per day (GPCD).

The City is situated in a high-growth corridor and anticipates experiencing continued economic growth. The primary goals of this plan are to reduce total and residential GPCD demand. The City's 2019 Water Conservation Plan noted the historic 5-year average for total GPCD and residential GPCD use at that time was 169 and 80 GPCD, respectively. Additionally, the plan included the 5-year and 10-year goals for total GPCD and residential GPCD by 2024 and by 2029 as shown in Table 4.1.

Table 4.1
City of Bastrop 2019 Water Conservation Plan – Historic and Target GPCD Use

	Historic 5-Year Average	**5-Year Goal (2024)**	**10-Year Goal (2029)**
Total GPCD	169	165	161
Residential GPCD	80	78	76
Water Loss GPCD	19	17	16
Water Loss %	11%	10%	10%

Current water use data show that the historic 5-year averages for total GPCD, residential GPCD, and water loss are at or below the 5-year goals established in the City's 2019 Water Conservation Plan.

The City is planning to continue reducing their total GPCD to align with the guidance provided in the 2026 Region K Regional Water Plan whereby long-term total GPCD demand is reduced to less than 113 gallons per capita per day. The current 5-year averages for each component are used as a new baseline for projecting revised 5-year and 10-year goals under this current plan. Targets for future total GPCD are developed using the same methodology incorporated into the 2026 Region K Regional Water Plan for municipal conservation, whereby total GPCD is reduced by 1% annually, until below 140 Total GPCD. Similarly, targets for future residential GPCD are also developed based on a goal of achieving an annual 1% reduction. Future water loss targets are developed to achieve a water loss percentage of 10% or less.

Table 4.2
City of Bastrop 2026 Water Conservation Plan – Historic and Target GPCD Use

	Historic 5-Year Average	**Baseline**	**5-Year Goal (2031)**	**10-Year Goal (2029)**
Total GPCD	141	141	140	138
Residential GPCD	78	78	77	76
Water Loss GPCD	12	12	11	10
Water Loss %	9%	9%	8%	7%

**Table also provided in Appendix C.

5. Water Conservation Plan Efficiency / Effectiveness Monitoring

The City will evaluate the efficiency and effectiveness of this plan's 5-year and 10-year goals for water use reductions on an annual basis. As the City completes its annual Texas Water Development Board Water Use Survey and Water Loss Audit, the data used will be compared against the targets for total and residential GCPD and water losses.

6. Water Conservation Management and Strategies

6.1 Records Management System

The City administers a comprehensive records management system which accounts for water use and use characteristics throughout the water system. It also allows for the separation of aggregate water sales and water usage characteristics into customer-specific categories.

In 2015, the City of Bastrop completed a city-wide upgrade to an Advanced Metering Infrastructure (AMI) system. This system has allowed the city to track information in real-time and has increased the accuracy of reporting data. The pumpage and meter readings are compiled daily, monthly, and annually on spreadsheets which are reviewed by City representatives and are used to compile annual reports required by state agencies. These water records include:

- Raw water pumpage
- Backwash recycle waters
- Treated water pumped to the distribution system (total and by pressure zone)
- Water sold by user classifications

  - Single family residential
  - Multi-family residential
  - Commercial
  - Industrial
  - Institutional
  - Wholesale water
- Total water sold
- Water metered but not billed
- Miscellaneous accounted for water

Miscellaneous accounted for water includes such categories as tank overflows, pump testing, water leak repair summary reports, fire hydrant flushing, flush valve usage, fire department usage, etc. The non-revenue water and water loss is compiled and reviewed on a monthly and annual basis.

6.2 Accurate Master Metering for Production

Raw water produced from the City's seven (7) groundwater wells are individually metered at the wellhead. Treated water entering distribution is monitored through flow meters at each of the water treatment plants. Flow meter calibrations are performed, at a minimum, on an annual basis, and more frequently if needed. Calibrations of these meters are performed by a qualified firm specializing in this work, and copies of the calibration log sheets are maintained by the Water and Wastewater Department. All meters monitoring diversion and production flows are in accordance with American Water Works Association (AWWA) standards and calibrated to maintain a minimum accuracy of +/- 2.0%.

6.3 Universal Metering

The ability to meter all water distribution and consumption uses allows the City to closely account for all water use and water losses, and to prevent unauthorized use. All service connections in the City are metered via an Advanced Metering Infrastructure (AMI) as of 2015. All residential, commercial, and municipal structures; swimming pools; and parks operated by the City are metered via AMI.

AMI allows for much more accurate accounting data which reduces non-revenue water issues. The following are some of the advantages of the AMI system:

- Instant meter reading allows for concurrent pumped volumes versus retail water record data, which reduces accounting inaccuracies
- Allows for identification of potential water leaks on the customer side of each meter
- Increased availability of data allows for additional customer support options

The City will continue to provide a preventative maintenance program for its water meters, wherein regular scheduled testing, repairs, and replacement are performed as follows:

- A representative number of 2-inch and smaller residential meters are tested annually to ensure continued accuracy
- Water meters 3-inch and larger are tested once per year;
- Residential water meters shall be tested in accordance with the AWWA recommendations found in Standard C700 and AWWA M6, *Water Meters – Selection, Installation, Testing, and Maintenance Manual*

6.4 Tracking and Controlling Water Loss

6.4.1 Water Loss Control Measures

The goal of the City's water loss control program is to limit system water losses to not exceed 15% of total annual treated water entering distribution and to ultimately reduce unaccounted-for water to a level of 10% or less. Unaccounted-for water includes unbilled authorized usage and unbilled unauthorized usage. Unbilled authorized usage includes water used for fighting fires, flushing water lines, etc. Unbilled unauthorized usage includes water lost to leaks, theft, etc.

In some cases, the age of water lines and associated degradation due to age may be contributing to both unbilled authorized and unauthorized usages. Due to age of certain water lines within the system, these lines are typically scheduled for more frequent flushing; these lines generally have a higher probability of leakage due to their age as well. In order to meet the goals set forth in this plan, the City has implemented programs including routine water audits, a program of leak detection and repair, and meter testing and accuracy calibration.

The Water and Wastewater Department generates a monthly water loss report that compares metered production with metered consumption as well as accounted-for and unaccounted-for losses. This report provides an effective tracking system of water loss. The City also completes a detailed water system audit conforming to TWDB guidelines each year. The water system audit determines the volume of actual water loss, the identification of water loss sources, the status and condition of primary water meters, an analysis of water line breaks, an evaluation of underground leakage potential, and provides recommendation for meter replacement.

6.4.2 Leak Detection and Repair

The City administers leak detection and repair programs for its water distribution system. Approximately 175 acoustic magnetic leak detection units, which monitor the system nightly, are installed throughout the City's distribution system. The City runs reports to evaluate the data collected from the leak detection units and identify potential locations for leaks; when leaks are apparent, the City dispatches repair crews as needed.

Additionally, the City has a program that features a work order prioritization system for leaks needing repair as well as an inventory of equipment and materials needed to promptly repair all detected or reported leaks. The City has also implemented a rehabilitation program to upgrade its aging water distribution system and address areas of the system with a high volume of leaks. This program relies on findings identified in monthly loss reports as well as the leak detection programs described above.

6.5 Public Education and Information Program

The City's public education program makes thousands of contacts, both direct and indirect, every year through presentations, community fairs, plant tours, utility bill inserts, newspaper and radio ads, and the City's website. The City promotes water conservation issues by informing the public in the following ways:

- Making water conservation information available to new customers
- Making residential water audits available to all customers upon request
- Providing water conservation information to all customers upon request, through the City's website, and through social media outlets

- Coordinating educational presentations, lectures, and demonstrations for schools, civic groups, and the general public
- Providing exhibits at public events held throughout the year
- Publishing water conservation information on a regular basis in the City's utility bill insert or other written form
- Participating in community environmental education activities with local organizations to promote water conservation education
- Supporting annual events and demonstrations relating to water conservation and environmental issues that affect water supply and quality

6.6 Plumbing Code and Retrofit Program

The City has adopted the International Plumbing Code, which requires the use of water-saving, Ultra-Low Flow (ULF) fixtures to be installed in new construction and in the replacement of plumbing in existing structures.

The City educates the residents, plumbers, and contractors on the benefits of retrofitting existing facilities with water-saving devices through its public education program.

6.7 Landscape Water Management

The City provides information about the methods and benefits of water-conserving landscaping practices and devices through public education to homeowners, business owners, landscape architects and designers, and irrigation professionals. The following methods are encouraged:

- The use of Xeriscape™ and "Water Wise" landscaping techniques, including drought-tolerant plants and grasses, for landscaping new homes and commercial areas
- The use of drip irrigation systems, when possible, or other water-conserving irrigation systems that utilize efficient sprinklers and considerations for prevailing winds
- Ensuring that ornamental fountains, and other similar water features, are designed to recycle water and use minimal amounts of water
- Working with area landscape supply businesses and nurseries to encourage the sale of locally-adapted, drought-tolerant plants and grasses along with efficient irrigation systems, and to promote the use of these types of water conserving strategies mentioned through demonstrations and advertisements

6.8 Water Use Restrictions

The City has implemented, through its Drought Contingency Plan (August 2019), permanent water use restrictions that apply year-round, regardless of drought stage. Refer to the Drought Contingency Plan in Appendix D for detailed information regarding permanent water use restrictions.

6.9 Water Pressure Reduction

As dictated by location within the water distribution system, each service connection incorporates a pressure-reducing valve to limit service connection pressure where system pressure exceeds 85 psig.

6.10 Reuse Water

The City of Bastrop has received authorization from the TCEQ for reuse of Type I and Type II wastewater effluent from the City's East wastewater treatment plant facility. Historically under this authorization, the

City has provided reuse water to support local construction activities and operations at the City's wastewater treatment facility.

6.11 Non-Promotional Water Rate Structure

The City utilizes an inclining water rate structure to encourage customers to reduce both peak and overall water usage, while at the same time fairly allocating cost of service to each customer class. Under an inclining rate structure, the rate per thousand gallon increases as the amount of water used increases. The current rate structure charges a minimum monthly service charge based on meter size, plus a fee based on consumption as follows:

(1) Residential - In city limits.

Meter Size	Minimum Charge
¾" (or smaller)	$37.72
1"	$62.87
1½"	$128.32
2"	$207.08
3"	$377.20
4"	$628.67
6"	$1257.33

Plus the following charges for consumption per 1,000 gallons:

0—3,000 gallons	$ 2.85
3,001—5,000 gallons	$ 3.04
5,001—10,000 gallons	$ 3.22
10,001—20,000 gallons	$ 3.42
20,001—50,000 gallons	$ 3.69
Over 50,000 gallons	$ 3.87

Commercial - In city limits.

Meter Size	Minimum Charge
¾" (or smaller)	$37.72
1"	$62.87
1½"	$128.32
2"	$207.08
3"	$377.20
4"	$628.67
6"	$1,257.33

Plus the following charges for consumption per 1,000 gallons:

0—3,000 gallons	$2.85
3,001—5,000 gallons	$3.04
5,001—10,000 gallons	$3.22
10,001—20,000 gallons	$3.42
20,001—50,000 gallons	$3.69
Over 50,000 gallons	$3.87

(Ord. No. 2015-17, pt. 1, 9-22-15)

(2) *Residential and Commercial - Outside city limits.*

Meter Size	Minimum Charge
¾" (or smaller)	$56.45

1"	$94.05
1½"	$192.48
2"	$310.62
3"	$565.80
4"	$943.00
6"	$1,885.99

Plus the following charges for consumption per 1,000 gallons:

0—3,000 gallons	$4.12
3,001—5,000 gallons	$4.42
5,001—10,000 gallons	$4.70
10,001—20,000 gallons	$4.98
20,001—50,000 gallons	$5.39
Over 50,000 gallons	$5.66

This rate structure will be reviewed on a regular basis to ensure that the rates adequately recover cost of service and conform to the goals of this plan. In order to meet critical needs of the City's water system, it is the City's intention to increase the rates for minimum and volume charges each year as outlined by separate ordinances.

7. Wholesale Water Contracts

The City, as part of contracts for sale of water, will require any other entity re-selling water to adopt applicable provisions of the City's WCP or have a plan in effect, previously adopted, meeting the basic requirements of 30 TAC §288. These provisions will be through contractual agreement prior to the sale of any water to the water re-seller.

8. Coordination with Regional Water Planning Group

The City's water service area is located within the Region K (Lower Colorado Region) planning area. The City has provided a copy of this plan to the Region K Group. A copy of the submission letter is provided in Appendix E of this plan.

9. Water Conservation Plan Adoption and Enforcement

This Water Conservation Plan was adopted by the Bastrop City Council; a copy of the corresponding ordinance is included in Appendix F of this plan. The City Manager, or designee thereof, will be responsible for the implementation and enforcement of the plan and educating all City staff personnel. Implementation of the plan by City staff shall begin immediately in 2026 upon adoption.

10. Reporting Requirements

Each entity required to submit a WCP to the TWDB shall file a report annually, no later than May 1st, on the entity's progress in implementing each of the minimum requirements of the WCP. The annual report is to be submitted electronically to the TWDB, as described at:

http://www.twdb.texas.gov/conservation/municipal/plans/ARs.asp

11. Plan Review and Update

The City will review and update this Water Conservation Plan based on an assessment of the 5-year and 10-year targets and any other new or updated information. The City will review and update the next revision of its WCP Upon completion and acceptance of the Simsboro Water Treatment Plant.

APPENDIX A

Utility Profile

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

Contact Information

Name of Utility: CITY OF BASTROP

Public Water Supply Identification Number (PWS ID): TX0110001

Contact: First Name: Curtis Last Name: Hancock

Title: Director of Water & Wastewater

Address: 1311 Chestnut Street City: Bastrop State: TX

Zip Code: 78602 Zip+4: Email: chancock@cityofbastrop.org

Telephone Number: 5123328960 Date:

Is this person the designated Conservation Coordinator? ○ Yes ◉ No

Coordinator: First Name: Kimberly Last Name: Hanly

Title: Water Conservation & Special Programs Coordinator

Address: 1311 Chestnut Street City: Bastrop Zip Code: 78602

Email: khanly@cityofbastrop.org Telephone Number: 512-332-8960

Regional Water Planning Group: K

Groundwater Conservation District:

Our records indicate that your entity:

☐ Received financial assistance of $500,000 or more from TWDB

☑ Have 3,300 or more retail connections

☐ Have a surface water right with TCEQ

A. Population and Service Area Data

1. Current service area size in square miles: 12

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

Attached file(s):

File Name	File Description
city of bastrop water ccn map.png	City of Bastrop Water CCN Map

2. 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 Water Service
2025	14,998	0	15,906
2024	14,729	239	13,967
2023	11,865	145	13,006
2022	11,384	0	12,111
2021	10,864	0	11,278

3. 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 Water Service
2030	18,247	4,425	53,030
2040	27,011	4,425	62,373
2050	39,982	4,425	92,329
2060	59,183	4,425	136,668
2070	87,606	4,425	202,305

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

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

Historical Population Served by Retail Water Service: based on the reported population served in the City's annual TWDB Water Use Surveys.

Projected Population Served by Retail Water Service: calculated by using the annual population growth trend rate of 4% identified in the City's 2022 Water Master Plan.

Historical Population Served by Wastewater Service: calculated based on number of connections, then multiplied by a factor of 2.49 per TCEQ population equivalency.

Projected Population Served by Wholesale Water Service: Calculated based on Wholesale agreement LUEs and and average of 2.95 people per connection..

Projected Population Served by Wastewater Service: Calculated based on current projected construction timelines, billing records, Wholesale Agreements, and assuming a steady annual growth rate of 4%.

B. System Input

System input data for the previous five years.

Total System Input = Self-supplied + Imported – Exported

Year	Water Produced in Gallons	Purchased/Imported Water in Gallons	Exported Water in Gallons	Total System Input	Total GPCD
2025	712,809,000	28,753,106	14,812,626	726,749,480	132
2024	665,778,557	27,410,400	8,006,537	685,182,420	126
2023	662,735,944	12,208,950	12,160,309	662,784,585	152
2022	617,617,647	529,050	529,050	617,617,647	147
2021	583,057,325	0	0	583,057,325	147
Historic 5-year Average	648,399,695	13,780,301	7,101,704	655,078,291	141

C. Water Supply System

1. Designed daily capacity of system in gallons: 6,849,000

2. Storage Capacity

2a. Elevated storage in gallons: 1,500,000

2b. Ground storage in gallons: 1,792,000

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

D. Projected Demands

1. Estimate the water supply requirements for the next ten years using population trends, historical water use, economic growth, etc. The 5 and 10 year projections must align with your 5 & 10 year targets and goals.

Year	Population	Water Demand (gallons)	GPCD
2027	16,229	835,225,485	141.00
2028	16,878	867,086,152	140.75
2029	17,553	900,161,722	140.50
2030	18,255	934,496,268	140.25
2031	18,985	970,133,500	140.00
2032	19,744	1,007,116,760	139.75
2033	20,534	1,045,539,945	139.50
2034	21,355	1,083,445,925	139.00
2035	22,209	1,122,720,473	138.50
2036	23,097	1,163,395,890	138.00

2. Description of source data and how projected water demands were determined.

Population: assumes a steady annual growth rate of 4%.

Water Demands: calculated using the historical GPCD average of 141, with the goal of 138 GPCD by 2036.

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

E. High Volume Customers

1. The annual water use for the five highest volume **RETAIL customers.**

Customer	Water Use Category	Annual Water Use	Treated or Raw
Bastrop County Law Center	Commercial	12,429,800	Treated
Rapid Express Car Wash	Commercial	10,258,400	Treated
Buc-Ee's	Commercial	9,585,900	Treated
Walnut Ridge Apartments	Residential	6,590,300	Treated
Brite & Shiny Carwash	Commercial	2,538,200	Treated

2. The annual water use for the five highest customers by volume. **WHOLESALE customers.**

Customer	Water Use Category	Annual Water Use	Treated or Raw
West Bastrop Village	Municipal	14,664,500	Treated

F. Utility Data Comment Section

Additional comments about utility data.

Water System Description: The City of Bastrop's Water & Wastewater Department manages a water distribution service area covering an extent of approximately 12 square miles, and serves a population of approximately 14,998 people. The City has approximately 5,856 retail connections, which are categorizes as follows: single-family residential (67%), multi-family residential (20%), and commercial (13%). The City provides drinking water to it's customers from groundwater produced from the City's seven (7) active wells, which are capable of producing up to 3.557 million gallons per day (MGD). Raw groundwater is treated at one of two water treatment facilities before entering the water distribution system, which consists of approximately135 miles of water transmission and distribution lines ranging from 2-inches to 16-inches in diameter.

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

Section II: System Data

A. Retail Water Supplier Connections

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

Water Use Category Type	Total Retail Connections (Active + Inactive)	Percent of Total Connections
Residential - Single Family	3,902	66.63 %
Residential - Multi-Family	1,182	20.18 %
Industrial	0	0.00 %
Commercial	772	13.18 %
Institutional	0	0.00 %
Agricultural	0	0.00 %
Total	5,856	100.00 %

2. Net number of retail water supplier connections, installed and removed, by water use category per year for the previous five years.

	Net Number of Retail Water Supplier Connections						
Year	**Residential - Single Family**	**Residential - Multi-Family**	**Industrial**	**Commercial**	**Institutional**	**Agricultural**	**Total**
2025	3,902	1,182	0	772	0	0	5,856
2024	3,811	1,182	0	758	0	0	5,751
2023	3,733	1,032	0	731	0	0	5,496
2022	3,540	1,032	0	731	0	0	5,303
2021	3,331	1,032	0	723	0	0	5,086

B. Annual and Seasonal Use

1. Gallons of RETAIL water provided to each major water use category. These volumes come from the previous five years of water use survey data. If a field is open to edit, please enter the volumes.

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

Year	Residential - Single Family	Residential - Multi-Family	Industrial	Commercial	Institutional	Agricultural	Total
2025	332,827,100	47,213,500	0	269,941,070	0	0	649,981,670
2024	305,350,800	44,721,000	0	241,168,900	0	0	591,240,700
2023	328,149,200	46,997,700	0	241,148,400	0	0	616,295,300
2022	303,051,522	46,302,800	0	228,996,700	0	0	578,351,022
2021	238,501,100	54,203,269	0	219,018,931	0	0	511,723,300

2. The gallons of water billed and metered to RETAIL customers for the previous five years. The total for each year should match the total for each year in the accounting table.

Month	Total Gallons of Treated Water				
	2025	2024	2023	2022	2021
January	40,241,280	37,513,400	31,033,000	36,110,000	32,741,800
February	40,577,660	32,103,100	39,934,500	31,721,700	40,645,300
March	49,991,170	50,827,800	41,646,500	37,054,500	34,527,200
April	51,041,530	46,540,950	42,923,900	49,856,500	53,120,500
May	55,630,830	46,952,530	38,414,500	47,790,800	38,369,800
June	54,143,620	53,236,900	64,066,500	60,745,700	34,207,700
July	57,964,710	50,373,100	74,948,100	64,034,500	46,784,100
August	63,534,050	58,656,680	74,804,100	60,369,700	52,416,000
September	69,192,040	56,693,050	66,414,200	50,600,800	55,405,300
October	64,966,200	60,736,380	51,060,800	51,060,800	41,445,200
November	55,861,120	55,358,370	45,129,500	52,814,800	43,563,400
December	46,837,460	42,673,470	45,920,300	38,310,400	38,425,400
Total	649,981,670	591,665,730	616,295,900	580,470,200	511,651,700

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

3. Summary of seasonal and annual water use.

	Summer RETAIL (Treated)	Total RETAIL (Treated)
2025	244,834,420	649,981,670
2024	218,959,730	591,665,730
2023	280,232,900	616,295,900
2022	235,750,700	580,470,200
2021	188,813,100	511,651,700
Average in Gallons	233,718,170.00	590,013,040.00

4. Peak Day Use

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)
2025	1,780,771	1909156	1.0721
2024	1,621,002	1763768	1.0881
2023	1,688,481	2324116	1.3765
2022	1,590,329	2012498	1.2655
2021	1,401,785	1450084	1.0345

5. Summary of Historic Water Use

Water Use Category	Historic Average	Percent of Connections	Percent of Water Use
Residential - Single Family	301,575,944	66.63 %	51.16 %
Residential - Multi-Family	47,887,653	20.18 %	8.12 %
Industrial	0	0.00 %	0.00 %
Commercial	240,054,800	13.18 %	40.72 %
Institutional	0	0.00 %	0.00 %
Agricultural	0	0.00 %	0.00 %

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

C. Residential Water Use

The previous five years residential GPCD for single family and multi-family units.

Year	Total Residential GPCD
2025	80
2024	65
2023	87
2022	84
2021	74
Historic Average	78

D. Water Loss

Water loss data for the previous five years.

Year	Total Water Loss in Gallons	Water Loss in GPCD
2025	50,138,506	9
2024	66,350,881	12
2023	44,049,576	10
2022	37,820,747	9
2021	70,054,717	18
Average	53,682,885	12

E. System Data Comment Section

Section III: Wastewater System Data

A. Wastewater System Data

1. Design capacity of wastewater treatment plant(s) in gallons per day: 3,400,000

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

2. List of active wastewater connections by major water use category.

Water Use Category	Metered	Unmetered	Total Connections	Percent of Total Connections
Municipal	3,692	0	3,692	88.20 %
Industrial	0	0	0	0.00 %
Commercial	494	0	494	11.80 %
Institutional	0	0	0	0.00 %
Agricultural	0	0	0	0.00 %
Total	4,186	0	4,186	100.00 %

3. Percentage of water serviced by the wastewater system: 89.60 %

4. Number of gallons of wastewater that was treated by the utility for the previous five years.

Month	Total Gallons of Treated Water				
	2025	2024	2023	2022	2021
January	40,328,000	40,582,000	35,825,000	34,156,000	35,886,000
February	35,656,000	36,578,000	34,507,000	34,121,000	36,461,000
March	39,554,000	40,763,000	39,770,000	36,548,000	36,059,000
April	40,445,000	41,617,000	43,310,000	37,076,000	38,157,000
May	42,683,000	36,791,000	47,764,000	39,024,000	45,993,000
June	39,004,000	38,741,000	41,366,000	38,100,000	40,001,000
July	41,667,000	40,098,000	41,949,000	38,146,000	40,161,000
August	39,972,000	40,203,000	40,993,000	38,509,000	40,006,000
September	36,984,000	38,557,000	38,660,000	35,166,000	37,358,000
October	36,398,000	39,264,000	39,536,000	34,759,000	39,041,000
November	39,402,000	36,861,000	38,079,000	34,342,000	35,280,000
December	40,939,000	39,396,000	37,753,000	36,548,000	36,644,000
Total	473,032,000	469,451,000	479,512,000	436,495,000	461,047,000

5. Could treated wastewater be substituted for potable water?

○ Yes ◉ No

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

B. Reuse Data

1. Data by type of recycling and reuse activities implemented during the current reporting period.

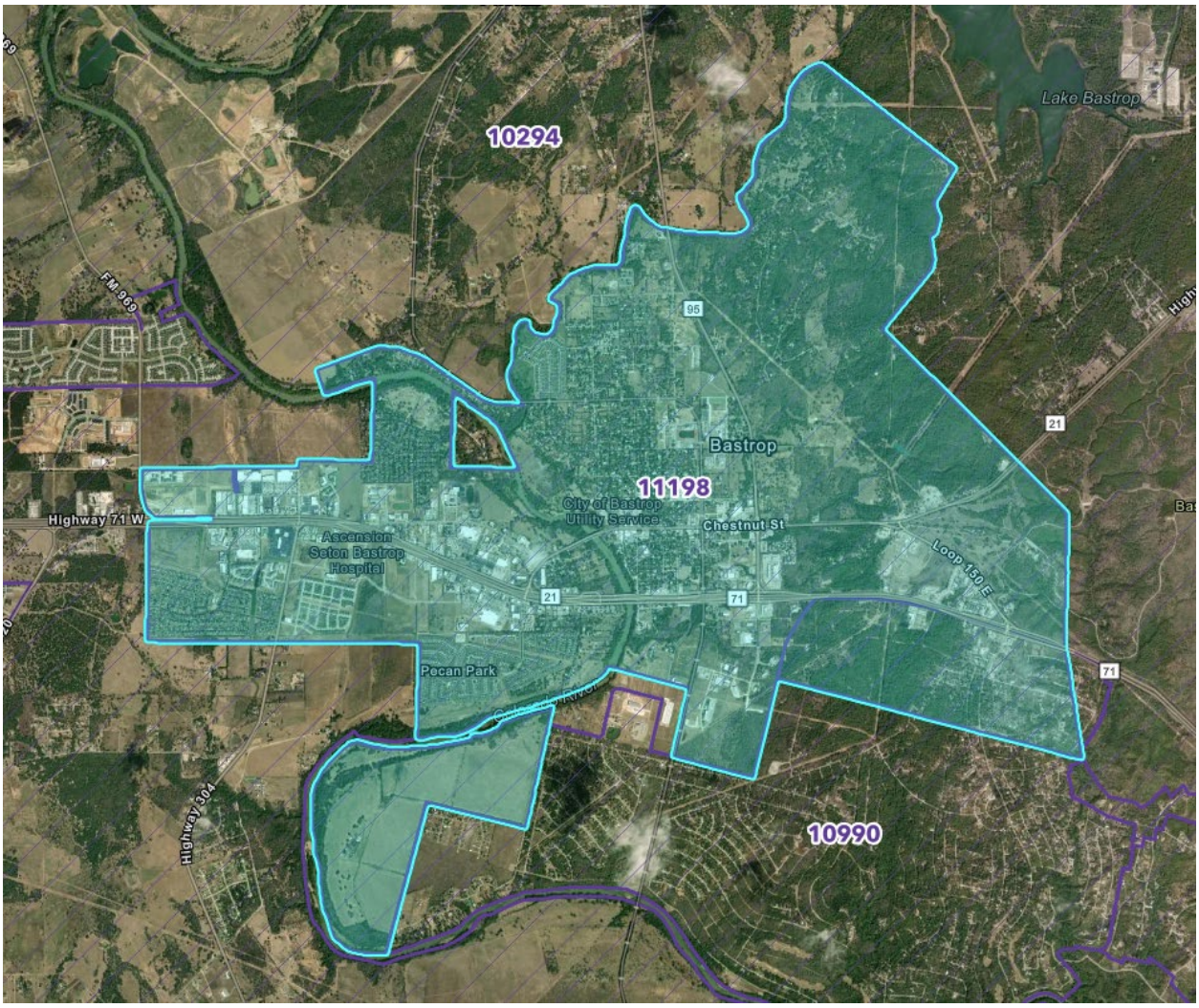
Type of Reuse	Total Annual Volume (in gallons)
On-site Irrigation	0
Plant wash down	10,639,031
Chlorination/de-chlorination	15,000,000
Industrial	0
Landscape irrigation (park,golf courses)	0
Agricultural	0
Discharge to surface water	0
Evaporation Pond	0
Other	0
Total	25,639,031

C. Wastewater System Data Comment

Additional comments and files to support or explain wastewater system data listed below.

APPENDIX B

Water CCN Map


10294
Lake Bastrop
FM 969
95
Bastrop
11198
City of Bastrop
Utility Service
Highway 71 W
Ascension
Seton Bastrop
Hospital
Chestnut St
Loop 150 E
21
71
Pecan Park
Highway 304
10990

APPENDIX C

5-Year and 10-Year Goals

Water Conservation Plan Goals Table
TWDB Form No.1964

Title 31 TAC Chapter 363, Rule §363.15 (B)

Texas Water Development Board

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

Name: City of Bastrop

Water Conservation Plan Year: 2026

	Historic 5-yr Average	Baseline*	5-yr Goal for year 2031	10-yr Goal for year 2036
Total (GPCD)[1]	141	141	140	138
Residential (GPCD)[2]	78	78	77	76
Water Loss (GPCD)[3]	12	12	11	10
Water Loss (Percentage)[4]	9%	9%	8%	7%

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

GPCD - Gallons Per Capita Per Day

**A base use figure, or baseline, should be included to calculate your estimated savings. Consider state and regional targets and goals, local climate, and demographics (i.e. wet year versus dry year, high usage versus low usage)*

APPENDIX D

Drought Contingency Plan

CITY OF BASTROP

DROUGHT CONTINGENCY PLAN

Adopted: August 27, 2019

Prepared by:

Walker Partners
engineers ★ surveyors

AMENDED DROUGHT CONTINGENCY PLAN
FOR THE
CITY OF BASTROP, TEXAS

Introduction and Background

The City of Bastrop provides utility services which includes providing treated water to its residents. Refer to the information below concerning general details for the city's water utility.

- Name of Utility: City of Bastrop
- Address: 300 Water Street., Bastrop, TX 78602
- Water CCN#: 11198
- PWS #: TX0110001

Safe, high quality drinking water is a precious resource in the Bastrop region. This Drought Contingency Plan (Plan) requires that the available resources of the City of Bastrop be put to the most beneficial use possible. The Plan also requires that the waste, unreasonable use, or unreasonable method of use of water be prevented and that conservation of water be extended with a view to reasonable and beneficial use in the interests of public health and welfare of the Bastrop community.

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 Bastrop hereby adopts the following regulations and restrictions on the delivery and consumption of water by ordinance.

Water uses regulated or prohibited under this Plan are considered to be non-essential and continuation of such uses during times of water shortage or other emergency water supply conditions are deemed to constitute a waste of water which subjects the offender(s) to penalties as defined in Section XI 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 Bastrop by means of public hearing during a City Council meeting on August 27, 2019.

Section III: Public Education

The City of Bastrop will periodically provide the public with information about the Plan as well as water conservation and drought conditions, 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 paid advertisements, public notices, press releases, publication through City social media account(s), and/or utility bill inserts.

Section IV: Coordination with the Lower Colorado Regional Water Planning Group

The service area of the City of Bastrop is located within the Lower Colorado Regional Water Planning Region (Region K) and the City of Bastrop has provided a copy of this plan to the Lower Colorado Regional Water Planning Group.

Section V: Authorization

The City Manager, 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 Manager, or his/her designee shall have authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan. This Plan shall also be referenced in, and become an Appendix to, the City of Bastrop Emergency Management Plan, Annex L; Utilities.

Section VI: Application

The provisions of this Plan shall apply to all persons, customers, and property utilizing water provided by the City of Bastrop. The terms "person" and "customer" as used in the Plan include individuals, corporations, partnerships, associations, and all other legal entities. Utilization of a water source other than City potable water is exempt from the provisions of this Plan.

Section VII: Permanent Water Restrictions

This section establishes permanent water conservation regulations and applies year-round regardless of Drought stage.

(a) Landscape irrigation using automatic in-ground or hose-end sprinkler systems is prohibited between the hours of 9:30 a.m. and 6:30 p.m.

1. The time restrictions do not apply to:
    i. The irrigation of commercial plant nurseries.
    ii. Irrigation using reclaimed water or other non-potable water sources.
    iii. New landscape installation during planting and the first ten (10) days after planting.
    iv. The testing of new irrigation systems or systems that are under repair.
    v. Irrigation using a hand-held bucket or hose equipped with a positive shut-off valve, pressure washer system, or other device that automatically shut off water flow when the hose is not being held by the water user.
    vi. Irrigation by drip irrigation or soaker hoses.

(b) The following constitute a waste of water and are prohibited:

1. Washing sidewalks, walkways, driveways, parking lots, tennis courts, patios, or other hard-surfaced areas except with a pressure-washing system or to alleviate immediate health or safety hazards.
2. Allowing water to run off a property or allowing water to pond or pool in the street, parking lot, or sidewalk.
3. Operating an irrigation system with sprinkler heads that are broken or out of adjustment.
4. Failure to repair a controllable leak(s) within a reasonable time period after having been given notice directing the repair of such leak(s).

(c) Ornamental fountains or ponds for aesthetic or scenic purposes must be equipped with a recirculation device. This restriction does not apply to ornamental fountains or ponds that use reclaimed water, non-potable water, or water provided by sources other than the City.

(d) Use of water for irrigation of golf course greens, tees, and fairways is permitted only on designated watering days as outlined in Section X of this plan. Such irrigation shall only occur from 1:00 a.m. to 7:00 a.m.and from 8:00 p.m. to midnight. These restrictions do not apply to irrigation of any golf course that uses reclaimed water or other non-potable sources.

Section VIII: Definitions

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

Aesthetic water use: water used 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 Bastrop.

Daily water demand: the total amount of water pumped or otherwise released into distribution system(s) for customer use. Expressed in gallons, which are metered in a given 24-hour period (gallons per day).

Declaration of disaster: that action taken by the Mayor, as authorized by the City of Bastrop Emergency management Basic Plan and the Texas Disaster Act of 1975, when the Mayor determines that the public health, safety, and welfare may be threatened by a disastrous event, or the imminent threat of such an event.

Director: the director of water and wastewater, City of Bastrop, Texas.

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.

Drip irrigation: also known as *trickle irrigation* or *micro-irrigation* is an irrigation method which minimizes the use of water and fertilizer by allowing water to drip slowly to the roots of plants through a network of valves, pipes, tubing, and emitters.

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

Hose-end sprinkler: designed to screw into a standard hose and rest on the ground wherever you drag it and set it down; it then delivers water in a spray pattern in the immediate area.

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 neither essential nor required for the protection of public, health, safety, and welfare, including:

(a) irrigation of landscape areas, including parks, athletic fields, and gold 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 indoor or outdoor swimming pools or Jacuzzi-type pools;

(g) use of water in a fountain or pond for aesthetic water use 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.

Total production capability: the total net aggregate amount of water that can be produced from all water wells capable of supplying water to the system in any given 16-hour period.

Trigger: a threshold level to be used as an initiation or termination point for actions based on certain mathematical criteria, or as per the authority granted by Section 13.06.013 of the Bastrop City Code of Ordinances.

Section IX: Criteria for Initiation and Termination of Drought Response Stages

Daily water demand will be monitored for emergency conditions by the City Manager or his/her designee. Trigger conditions will be based on an emergency situation caused by a natural disaster, equipment or system failure, natural or manmade contamination, high daily average water demand, or any other condition that substantially and negatively affects the City's potable water supply. The City Manager, on either the recommendations of the Director or pursuant to their sole discretion and authority, shall determine when conditions warrant initiation or termination of each stage of the Plan.

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

Stage 1 Trigger -- MILD Water Shortage Conditions / Water Awareness

Requirements for initiation
Customers shall be requested to voluntarily conserve water and adhere to the prescribed restrictions on certain non-essential water uses, as provided in Section X of this Plan, when daily water demand exceeds 85% of Total Production Capability for three (3) consecutive days or water demand approaches a reduced delivery capacity for all or parts of the system, and the City Manager determines that no circumstances exist that will decrease the demand except conservation by customers.

Requirements for termination
Stage 1 of the Plan may be terminated or rescinded when all of the conditions listed as triggering events have ceased to exist for a period of (3) consecutive days and would be unlikely to recur upon termination, or until such time as determined by the City Manager.

Stage 2 Trigger -- MODERATE Water Shortage Conditions / Water Watch

Requirements for initiation
Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses, as provided in Section X of this Plan, when the daily water demand exceeds 90 % of Total Production Capability for three (3) consecutive days, and that response measures required by Stage 1 trigger – MILD Water Shortage Conditions / Water Awareness have been implemented, and the City Manager determines that no circumstances exist that will decrease the demand below the Stage 2 Trigger except conservation by customers.

Requirements for Termination
Stage 2 of the Plan may be terminated or rescinded when all of the conditions listed as triggering events have ceased to exist for a period of (3) consecutive days and would be unlikely to recur upon termination, as determined by the City Manager. Upon termination of Stage 2, Stage 1 becomes operative.

Stage 3 Trigger -- CRITICAL Water Shortage Conditions

Requirements for Initiation
Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses, as provided in Section X of this Plan, when the daily water demand exceeds 95 % of Total Production Capability for three (3) consecutive days, and that response measures required by Stage 2 trigger – MODERATE Water Shortage Conditions / Water Watch have been implemented, and the City Manager determines that no circumstances exist that will decrease the demand below the Stage 3 Trigger except conservation by customers.

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

Stage 4 Trigger –– EMERGENCY Water Shortage Conditions / Water Emergency

Requirements for Initiation
Customers shall be required to comply with the requirements and restrictions for Stage 4 of this Plan when the City Manager determines that a water supply emergency exists based on:

1. Major water line breaks, or pump or system failures occur, which cause substantially significant threat of a loss of capability to provide water service; or
2. Natural or man-made contamination of the water supply sources(s); or
3. Daily water demand equals or exceeds 100 % of the Total Production Capability for three (3) consecutive days.

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 (3) consecutive days and would be unlikely to recur upon termination, as determined by the City Manager. Upon termination of Stage 4, the City Manager may impose requirements of Stage 1, 2, or 3 of the Plan if circumstances exist that require continued abatement to the effects of the emergency water shortage condition.

Stage 5 Trigger — WATER ALLOCATION

Requirements for Initiation
Customers shall be required to comply with the water allocation plan prescribed in Section IX of this Plan if the City Manager makes the determination that water shortage conditions threated public health, safety, and welfare due to the type, effect, or magnitude of such conditions.

Requirements for Termination
Stage 5 of the plan may be rescinded when the City Manager makes a determination that the triggering conditions no longer threaten public health, safety, and welfare of the City of Bastrop water utility customers.

Section X: Drought Response Stages

The City Manager, 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 IX of this Plan, and the City Manager will determine if conditions exist that would trigger any of the designated drought stages, and if so, shall implement the following notification protocol:

Notification of the Public:
The City Manager or his/her designee shall notify the public by means of:

(a) Publication in a newspaper of general circulation, and/or direct mail to customers, or
(b) Public service announcements, or signs posted in public places, or

(c) Notice posted on the City of Bastrop's website at https://www.cityofbastrop.org

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

(a) Mayor / Members of the City Council
(b) Fire Chief
(c) City and/or County Emergency Management Coordinator(s)
(d) County Judge
(e) State Disaster District / Department of Public Safety
(f) TNRCC (required when mandatory restrictions are imposed) Major water users
(g) Critical water users; i.e. hospitals, clinics and nursing homes
(h) City of Bastrop Department Heads

Stage 1 Response -- MILD Water Shortage Conditions

Target: Raise public awareness of water demand conditions and achieve a voluntary reduction such that daily water demand is equal to 85 % or less of Total Production Capability.

Best Management Practices for Supply Management:

The City Manager shall implement supply management measures that include reduction in flushing of water mains, visually inspect lines and repair leaks on a daily basis, monthly review of customer use/consumption records and follow-up on any that have unusually high usage, as well as conservation of incidental water usage at water and wastewater plants. Activities shall be implemented which include increased monitoring of meters, gauges, water levels in tanks, and water well production data.

Voluntary Water Use Restrictions for Reducing Demand:

Water customers are requested to voluntarily limit the use of water for nonessential purposes and to practice water conservation.

(a) Restricted Days/Hours: 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 12:00 a.m. (midnight) and 7:00 a.m., and between the hours of 6:00 p.m. to 9:00 p.m. 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) All general operations of the City of Bastrop shall adhere to mandatory 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 reduction in water use such that daily water demand is equal to 90% or less of Total Production Capability.

Best Management Practices for Supply Management:

The City Manager shall implement supply management measures that discontinue flushing of water mains, irrigation of public landscaped areas and all water usage at water and wastewater plants not required for direct operations of the facilities.

Mandatory Water Use Restrictions for Demand Reduction:

Under threat of penalty for violation, the following water use restrictions shall apply to all City of Bastrop water utility customers.

(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 irrigate landscapes only between the hours of 4:00 a.m. and 8:00 a.m. and between the hours of 8:00 p.m. and 12:00 a.m. (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 7:00 p.m. until 11:00 p.m. Such washing, when allowed, shall be done with a faucet-filled bucket or a hand-held hose equipped with a positive shut-off nozzle. 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 during the hours prior to 8:00 a.m. and the hours after 8:00 p.m.

(d) 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 Manager.

(e) Use of water for the irrigation of athletic fields or golf course greens, tees, and fairways is prohibited except on designated watering days between the hours of 4:00 a.m. and 8:00 a.m. and the hours of 8:00 p.m. and 12:00 a.m. (midnight). However, if the athletic field or golf course utilizes a water source other than that provided by the City of Bastrop, the facility shall not be subject to these regulations.

(f) The following uses of water are defined as non-essential and are prohibited:
1. Use of water to wash down 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 - CRITICAL Water Shortage Conditions

Target: Achieve a reduction in water use such that daily water demand is equal to 95% or less of Total Production Capability.

Best Management Practices for Supply Management:

The City Manager shall implement supply management measures that discontinue flushing of water mains, irrigation of public landscaped areas and all water usage at water and wastewater plants not required for direct operations of the facilities. Water usage at all City buildings shall be restricted to health, sanitation, cleanliness or firefighting purposes.

Mandatory Water Use Restrictions:

Under threat of penalty for violation, the following water use restrictions shall apply to all City of Bastrop water utility customers:

(a) Irrigation of landscaped areas by means of hand-held hoses, hand-held buckets or drip irrigation shall be limited to designated watering days, as outlined in Stage 2 of this Plan and between the hours of 6:00 a.m. and 8:00 a.m. and between 8:00 p.m. and 12:00 a.m. (midnight). The use of hose-end sprinklers or 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 8:00 and 6:00 p.m.

(c) The filling, refilling, or adding of water to indoor or outdoor 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 re-circulation system.

(e) No 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 or installed for such time as this drought response stage or a higher-numbered stage shall be in effect.

(f) Use of water from hydrants shall be limited to firefighting, related activities, or other activities necessary to maintain public health, safety, and welfare. Use of water from fire hydrants for construction purposes is prohibited.

(g) Use of water for the irrigation of athletic fields or golf course greens, tees, and fairways is prohibited. However, if the athletic field or golf course utilizes a water source other than that provided by the City of Bastrop, the facility shall not be subject to these regulations.

(h) All non-essential uses of water as listed in Stage 2 of this plan are prohibited.

Stage 4 Response – EMERGENCY Water Shortage Conditions

Target: Achieve reduction in daily water demand sufficient to assure protection of public health, safety, and welfare of the City of Bastrop water utility customers.

Best Management Practices for Supply Management:

The City Manager shall implement supply management measures that discontinue flushing of water mains, irrigation of public landscaped areas and all water usage at water and wastewater plants not required for direct operations of the facilities. Water usage at all City buildings shall be restricted to health, sanitation, cleanliness or firefighting purposes.

Mandatory Water Use Restrictions:

Under threat of penalty for violation, all requirements of Stage 3 shall remain in effect during Stage 4 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) Curtailment of service to persons shown to be of violation of prohibited uses of water may be ordered by the City Manager, if the City Manager determines that such curtailment would not be detrimental to the public health, safety, and welfare, and determines that such curtailment would benefit the mitigation of Stage 4 conditions.

Stage 5 Response - WATER ALLOCATION

In the event that water shortage conditions threaten public health, safety, and welfare due to the duration, type, effect or magnitude of such conditions, and a Declaration of Disaster has been issued relating to such conditions, the City Manager is hereby authorized to allocate water according to the following plan. In addition to other restrictions required in Stage 2, 3, or 4 Response, a monthly water allocation may be established by the City Manager for single family residential water customers.

Single-Family Residential Customers

The allocation to residential water customers residing in a single-family dwelling shall be as follows:

Persons per Household	Gallons per Month
1 or 2	4,500
3 or 4	5,500
5 or 6	6,500
7 or 8	7,500
9 or 10	8,500
11 or more	10,000

"Household" means the residential premises served by the customer's meter. "Persons per household" includes only those persons currently physically residing at the premises and expected to reside there for the entire billing period. It shall be assumed that a particular customer's household is comprised of two (2) persons unless the customer notifies the City of Bastrop of a greater number of persons per household on a form prescribed by the City Manager. It shall be the customer's responsibility to go to the City of Bastrop offices to complete and sign the form claiming more than two (2) persons per household. When the number of persons per household increases so as to place the customer in a different allocation category, the customer may notify the City of Bastrop on such form and the change will be implemented in the next practicable billing period. If the number of persons in a household is reduced, the customer shall notify the City of Bastrop in writing. Any person who knowingly, recklessly, or with criminal negligence falsely reports the number of persons in a household or fails to timely notify the City of Bastrop of a reduction in the number of persons in a household shall be subject to penalties set forth in Section XI of this Plan.

Residential water customers shall pay the following surcharge: 125 % of the normal and routine charge for water billed in excess of allocation.

Master-Metered Multi-Family Residential Customers

In addition to other restrictions in Stage 2, 3 or 4 Responses, a monthly water allocation may be established by the City Manager for master-metered multi-family water customers. The allocation to a customer billed from a master meter which jointly measures water to multiple permanent residential dwelling units (e.g., apartments, mobile homes) shall be allocated 6,ooo gallons per month for each dwelling unit. A dwelling unit may be claimed under this provision whether it is occupied or not. Any person who knowingly, recklessly, or with criminal negligence falsely reports the

number of dwelling units served by a master meter shall be subject to penalties set forth in Section XI of this Plan.

Customers billed from a master meter under this provision shall pay the following monthly surcharge: 125 % of the normal and routine charges for water billed in excess of allocation.

Commercial Customers

In addition to other restrictions in Stage 2, 3 or 4 Responses, a monthly water allocation may be established by the City Manager for each commercial customer. The commercial customer's allocation shall be no less than 75 percent of the customer's usage for corresponding month's billing period for the previous 12 months. If the customer's billing history is shorter than 12 months, the monthly average for the period for which there is a record shall be used for any monthly period for which no history exists. However, a customer for which 75 percent of the monthly usage is less than 6,ooo gallons, shall be allocated 6,ooo gallons. Upon request of a customer or at the initiative of the City Manager, the allocation may be reduced or increased if, (1) the designated period does not accurately reflect the customer's normal water usage or (2) other objective evidence demonstrates that the designated allocation is inaccurate under present conditions. A customer may appeal an allocation established hereunder to the Bastrop City Council.

Non-residential commercial customers shall pay the following surcharges: 150 % of the normal and routine charges for water billed in excess of allocation.

Industrial Customers

In addition to other restrictions in Stage 2, 3 or 4 Responses, a monthly water allocation may be established by the City Manager for each industrial customer, which uses water for processing purposes. The industrial customer's allocation shall be no less than 85 percent of the customer's water usage baseline. However, a customer of which 85 percent of the monthly usage is less than 6,ooo gallons, shall be allocated 6,ooo gallons. The industrial customer's water use baseline will be computed on the average water use for the three month period ending prior to the date of implementation of Stage 2 of the Plan. If the industrial water customer's billing history is shorter than 3 months, the monthly average for the period for which there is a record shall be used. Upon request of the customer or at the initiative of the City Manager, the allocation may be reduced or increased if, (1) the designated period for baseline calculation does not accurately reflect the customer's normal water usage, (2) the customer has added or is in the process of adding significant additional processing capacity, (3) the customer has shut down or significantly reduced the production of a major processing unit, (4) the customer has previously implemented significant permanent water conservation measures such that the ability to further reduce water use is limited, or (5) if other objective evidence demonstrates that the designated allocation is inaccurate under present conditions. A customer may appeal an allocation established hereunder to the Bastrop City Council.

Industrial customers shall pay the following surcharges: 150 % of the normal and routine charges for water billed in excess of allocation.

Section XI: Enforcement

(a) No person shall knowingly or intentionally allow the use of water from the City of Bastrop 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 in accordance with provisions of this plan.

(b) Any person who violates this Plan is guilty of a Class C misdemeanor and, upon conviction shall be punished by a fine of not less than FIFTY DOLLARS ($50.00) and not more than FIVE HUNDRED DOLLARS ($500.00). 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 two or more distinct violations of this Plan, the City Manager 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 $25.00, and any other costs incurred by the City of Bastrop in discontinuing service. In addition, suitable assurance must be given to the City Manager 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 Bastrop, 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 the he/she did not commit the violation. Parents shall be presumed to be responsible for violations of their minor children and proof that 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 police officer, Code Compliance Official, building official or other City of Bastrop employee designated by the City Manager, 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 three (3) days nor more than five (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 fourteen (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 XII: Variances

The City Manager 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 Bastrop within five (5) days after the Plan or particular drought response stage has been invoked. All petitions for variances shall be reviewed by the City Manager, 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 the 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.

Variances granted by the City Manager shall be subject to the following conditions, unless waived or modified:

(a) Variances granted shall include a timetable for compliance.

(b) Variances granted in a particular stage shall expire upon advancing to a more restrictive stage of the Plan.

(c) Petitioners shall promptly display the variance granted where it can be read by the general public at all location(s) for which the variance applies, and make said variance available to the public.

(d) Variances granted may be rescinded or revoked by the City Manager if the Petitioner fails to meet specific requirements set forth in the variance. The variance will automatically expire when the Plan is no longer in effect.

(e) No variance shall be retroactive or otherwise justify any violation of this Plan occurring prior to the issuance of the variance.

Section XIII: City Manager's Authority to Impose Additional Restrictions

(a) The City Manager may, in his/her sole discretion, implement mandatory water restrictions in addition to those previously described in this Drought Contingency Plan, to protect the public health and safety in the event of an unusual water system operation event, equipment failure, catastrophic occurrence, or severe weather event.

(b) The City Manager may implement mandatory restrictions, immediately effective, by public announcement.

Attachment 2 – Summary Log of Revisions from Previous Drought Contingency Plan

2019 Bastrop Drought Contingency Plan
Change Log

Edits	Section	Description
1	General	Renumbered plan sections to be consistent with model template provided by Lower Colorado Planning Group
2	Introduction and Background	Added utility information including name of utility, address, Water CCN #, and Public Water Supply System #
2.1	Introduction and Background	Removed reference to coordination with Regiona K as this is provided in its own dedicated section further down in the Plan
3	Section 1	Added "by ordinance" to the end of first paragraph
4	Section 2	Added in new Section 2 to address public involvement provisions
5	Section 3	Revised paragraph to include the Plan in the first sentence
6	Section 3	Added reference to City social media account
7	Section 4	Modified references to Lower Colorado Regional Water Planning Group to align with how it's referenced in the model template from LCRPG
8	Section 5	Added 'his/her designee' after mentions of City Manager
8.1	Section 7	Reformatted sub-listing to include the 'Time Restrictions do not apply' bullet within the heading bullet of landscape irrigation.
9	Section 9	Replaced 'their' with 'his/her' after reference to City Manager
10	Section 9	Revised Water/Wastewater Director to be Director to match Definitions reference
11	Section 9, Stage 1	Replaced 'Stage 1 conditions' with 'all of the conditions listed as triggering events have ceased to exist' to standardize to language provided in LCRPG model
12	Section 9, Stage 2	Replaced 'Stage 1 conditions' with 'all of the conditions listed as triggering events have ceased to exist' to standardize to language provided in LCRPG model
13	Section 9, Stage 3	Replaced 'Stage 1 conditions' with 'all of the conditions listed as triggering events have ceased to exist' to standardize to language provided in LCRPG model
14	Section 9, Stage 4	Update Item 3 under requirements for initiation to read 'equals or exceeds' in liue of just 'equal'
15	Section 9, Stage 4	Replaced 'Stage 1 conditions' with 'all of the conditions listed as triggering events have ceased to exist' to standardize to language provided in LCRPG model
16	Section 9, Stage 5	Added Stage 5 Trigger Water Allocation to Section IX;
17	Section 10	First paragraph, added reference to City Manager to clarify only City Manager can make determination
18	Section 10	Added 'his/her designee' after mentions of City Manager, for notifications
19	Section 10	Added 'his/her designee' after mentions of City Manager, for additional notifications
20	Section 10	Included URL to city's website under notifications
21	Section10, Stage 1	Changed Goal to Target to align with LCPRPG model template; reworded target statement to indicate demand equal to % of target production in liue of providing mandated decrease. Previous version read as if the % given is the target reduction vs a reduction to get below the %
22	Section10, Stage 1	Changed 'Supply Management Measures' to 'Best Management Practices for Supply Management' in heading to align with language in LCRPG model template
23	Section10, Stage 1	Revised irrigation water times to be 12:00 am; previous version incorrectly listed 12:00 pm as midnight.
24	Section10, Stage 1	changed 'permananent' to 'mandatory'.

2019 Bastrop Drought Contingency Plan
Change Log

25	Section 10, Stage 2	Changed Goal to Target to align with LCPRPG model template; reworded target statement to indicate demand equal to % of target production in liue of providing mandated decrease. Previous version read as if the % given is the target reduction vs a reduction to get below the %
26	Section 10, Stage 2	Changed 'Supply Management Measures' to 'Best Management Practices for Supply Management' in heading to align with language in LCRPG model template
27	Section10, Stage 2	Revised times to be 12:00 am; previous version incorrectly listed 12:00 pm as midnight.
28	Section 10, Stage 3	Changed Goal to Target to align with LCPRPG model template; reworded target statement to indicate demand equal to % of target production in liue of providing mandated decrease. Previous version read as if the % given is the target reduction vs a reduction to get below the %
29	Section 10, Stage 3	Changed 'Supply Management Measures' to 'Best Management Practices for Supply Management' in heading to align with language in LCRPG model template
30	Section 10, Stage 3	Deleted Restricted Days/Hours as this heading is applicable to multiple subitems, not just the one it was included for. Deleted for consitency
31	Section 10, Stage 3	Added 12:00 a.m. to be consistent with time callouts in used elsewhere in document.
32	Section 10, Stage 4	Changed Goal to Target to align with LCPRPG model template
33	Section 10, Stage 4	Changed 'Supply Management Measures' to 'Best Management Practices for Supply Management' in heading to align with language in LCRPG model template

Attachment 3 – Cover Letter for Drought Contingency Plan Submittal to the Region K Regional Water Planning Group

Walker Partners
engineers ★ surveyors

804 Las Cimas Pkwy., Suite 150
Austin, Texas 78746

9/3/2019

Lower Colorado River Authority
P.O. Box 220
Austin, TX 78767-0220

Attn: Stacy Pandey

Re: Drought Contingency Plan for the City of Bastrop, Texas

Dear Ms. Pandey:

The City of Bastrop is submitting the enclosed Drought Contingency Plan to the Region K – Lower Colorado Regional Water Planning Group as prescribed by the Texas Commission on Environmental Quality (TCEQ) in 30 TAC §288. This plan is an update to the City's previous drought contingency plan prepared in May 2012, and it was adopted by the City of Bastrop through a council resolution on August 27, 2019. Updates to the current plan have been incorporated based on a review of the Region K 2016 Regional Water Plan and sample model plan guidance provided by the regional planning group.

Please feel free to contact me should you have any questions or comments concerning the information in the enclosed Drought Contingency Plan.

Sincerely,

DANIEL M. FRAZIER, P.E.
PROJECT MANAGER
M 512.960.0081

DF

Attachments: 2019 City of Bastrop Drought Contingency Plan

Postal Delivery

Cc: Project File

Attachment 4 – City Council Resolution Adopting Current Drought Contingency Plan for the City of Bastrop

RESOLUTION NO. R-2019-76

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BASTROP, TEXAS APPROVING THE ADOPTION OF A DROUGHT CONTINGENCY; REPEALING CONFLICTING PROVISIONS; AND ESTABLISHING AN EFFECTIVE DATE.

WHEREAS, the City Council of the City of Bastrop, Texas recognizes that the amount of water available to the City of Bastrop and its water utility customers are limited and subject to depletion during periods of extended drought; and

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

WHEREAS, Section 11.1272 of the Texas Water Code and applicable rules of the Texas Commission on Environmental Quality require all public water supply systems in Texas to prepare a drought contingency plan; and

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

WHEREAS, the City of Bastrop previously adopted a Drought Contingency Plan and requires it be amended or revised and resubmitted to the Texas Commission on Environmental Quality.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF BASTROP, TEXAS:

SECTION 1. That the amended Drought Contingency 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 of Bastrop.

SECTION 2. That the City Manager is hereby directed to implement, administer, and enforce the Drought Contingency Plan.

SECTION 3. That this resolution shall take effect immediately upon its passage.

DULY RESOLVED AND ADOPTED by the City Council of the City of Bastrop, Texas this 27th day of August 2019.

APPROVED:

Connie B. Schroeder, Mayor

ATTEST:

Ann Franklin, City Secretary

APPROVED AS TO FORM:

Alan Bojorquez, City Attorney

APPENDIX E

Region K Notification Letter

BASTROPTX
Heart of the Lost Pines
Est. 1832

City of Bastrop
Water & Wastewater
Department

Mailing Address:
1311 Chestnut Street
Bastrop, Texas 78602

Physical Address:
385 TX-304 Unit B
Bastrop, Texas 78602

512-332-8960 Main
512-332-8830 24-Hrs
512-332-8969 Fax

Website:
www.cityofbastrop.org

Curtis Hancock
Director

James Wilson
Superintendent

Kimberly Hanly
Water Conservation &
Special Programs Coord.

Christy Hunn
Executive Admin Asst

May 1, 2026

Lower Colorado River Authority
Region K Water Planning Group
Attn: Annette Keaveny
P.O. Box 220
Austin, TX 78767-0220

Re: Water Conservation Plan for the City of Bastrop, TX

Dear Ms. Keaveny,

The City of Bastrop is submitting the enclosed Water Conservation Plan to the Region K-Lower Colorado Regional Water Planning Group as prescribed by the Texas Water Development Board (TWDB) in 31 TAC §363. This plan is an update to the City previous water conservation plan (adopted April 2019). The updated plan was adopted by the City of Bastrop by passing Ordinance No. 2026-12 on April 28, 2026. Updates to the previous plan primarily include revisions to the City's 5-year and 10-year water conservation targets, and an updated water utility profile.

Please feel free to contact me should you have any questions or comments concerning the information in the enclosed Water Conservation Plan.

Sincerely,

Curtis Hancock
Director of Water & Wastewater
City of Bastrop

Enclosures:
City of Bastrop 2026 Water Conservation Plan

APPENDIX F

City of Bastrop City Council Ordinance Adoption

CITY OF BASTROP, TX

ORDINANCE NO. 2026-12

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF BASTROP, TEXAS, ADOPTING A WATER CONSERVATION PLAN IN ACCORDANCE WITH TEXAS COMMISSION ON ENVIRONMENTAL QUALITY AND TEXAS WATER DEVELOPMENT BOARD REGULATIONS; PROVIDING FOR: FINDINGS OF FACT, ENACTMENT, REPEALER, SEVERABILITY, EFFECTIVE DATE, AND PROPER NOTICE AND MEETING.

WHEREAS, the City of Bastrop, Texas, 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; and

WHEREAS, the City recognizes that due to natural limitations, drought conditions, system failures, and other acts of God which may occur, the City cannot guarantee an uninterrupted water supply for all purposes at all times; and

WHEREAS, the Texas Water Code and the regulations of the Texas Commission on Environmental Quality ("TCEQ") require that the City adopt a Water Conservation Plan; and

WHEREAS, Title 30, Part 1, Chapter 288, Subchapter A, Rule 288.2 of the Texas Administrative Code sets forth the TCEQ guidelines and requirements governing the development of water conservation plans for public water suppliers; and

WHEREAS, in accordance with 30 T.A.C. § 288.2, the City has devised a strategy or combination of strategies for reducing the volume of water withdrawn from its water supply source, for maintaining and improving the efficiency in the use of water, for increasing the recycling and reuse of water, and for preventing the pollution of water; and

WHEREAS, the City Council of the City of Bastrop has determined that it is in the best interest of the citizens of Bastrop, Texas to adopt a Water Conservation Plan; and

WHEREAS, pursuant to Chapter 54 of the Local Government Code, the City is authorized to adopt such Ordinances necessary to preserve and conserve its water resources; and

WHEREAS, the City Council of the City of Bastrop desires to adopt the attached Water Conservation Plan as official City policy for the conservation of water.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Bastrop, Texas:

Section 1. Findings of Fact: The foregoing recitals are incorporated into this Ordinance by reference as findings of fact as if expressly set forth word-for-word herein.

Section 2 Enactment: The City of Bastrop 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. In addition to filing with the Texas Water Development Board, a copy of this Water Conservation Plan shall be maintained in the City's files and placed on the City website in order that the public may have ready access to the Plan.

Section 3 Repealer: Ordinance 2020-07, adopted on April 28th, 2020 May 11, 2010 and April 26, 2016 respectively, are hereby repealed. All other ordinances, resolutions, or parts thereof, that are in conflict or inconsistent with any provision of this Ordinance are hereby repealed to the extent of such conflict, and the provisions of this Ordinance shall be and remain controlling as to the matters regulated, herein.

Section 4. Severability: Should any of the clauses, sentences, paragraphs, sections, or parts of this Ordinance be deemed invalid, unconstitutional, or unenforceable by a court of law or administrative agency with jurisdiction over the matter, such action shall not be construed to affect any other valid portion of this Ordinance.

Section 5. Effective Date: This Ordinance shall take effect upon the date of final passage noted below, or when all applicable publication requirements, if any, are satisfied in accordance with the City's Charter, its Code of Ordinances, and the laws of the State of Texas.

Section 6. Proper Notice & Meeting: It is hereby officially found and determined that the meeting at which this Ordinance was passed was open to the public, and that public notice of the time, place, and purpose of said meeting was given as required by the Open Meetings Act, Texas Government Code, Chapter 551. Notice was also provided as required by Chapter 52 of the Texas Local Government Code.

READ AND ACKNOWLEDGED on First Reading on the 14th day of April 2026.

READ AND APPROVED on Second Reading on the 28th day of April 2026.

APPROVED:

By: _____
Ishmael Harris, Mayor

ATTEST:

_____
Michael Muscarello, City Secretary

APPROVED AS TO FORM:

_____
City Attorney
Denton Navarro Rocha Bernal & Zech, P.C.