Exhibit A

City of Burnet Water Conservation Plan

December 2024

1. Introduction

The City of Burnet water conservation plan has been developed to meet the LCRA Water Conservation Plan Rules for Water Sale Contracts in accordance with the LCRA Water Contract Rules. This plan recognizes that conservation is a valuable tool in managing water utility systems. Benefits of water conservation include: extending available water supplies; reducing the risk of shortage during periods of extreme drought; reducing water utility operating cost; improving the reliability and quality of water utility service; reducing customer cost for water service; and enhancing water quality and the environment.

This plan applies to all of City of Burnet's retail water customers located with its water service area, as defined in its Water Supply Contract with LCRA.

2. Utility Profile Information

As of December 2024, there were approximately 2,895 connections in the City of Burnet's water service area. Based on 2020 census data, there were 2.46 persons per household in this service area, and 2,341 residential connections, so the estimated population is 7,093. Commercial and institutional users, including schools, restaurants, and hotels, represent a significant share of non-residential water use, highlighting the importance of targeted conservation measures. The projected population at full build out is estimated to be approximately 12,677 persons, or 2,277 additional total connections. Full build out is expected to grow at 2.2% per year with a projected completion year of 2050. City of Burnet does operate a wastewater treatment plant. The treated wastewater effluent currently produced is 600,000 gallons per day.

Table 1 in Appendix A provides tables on water use data for the past five years. The five-year average daily water use was 944,054 GD. The five-year average water loss was 20 GPCD or 12%. The five-year average peak daily water use was 1.9 MGD. Current per capita water use is 160 total gallons per person per day (GPCD) and 73 residential GPCD.

3. Water Conservation Goals

Water conservation five- and 10-year goals are required for overall water use, residential water use and water loss. The goals proposed by the City of Burnet are as follows:

	Five-year goals	10-year goals
Gallons per person per day (GPCD)	144	128
Residential gallons per person per day (GPCD)	65	58

Water loss (in GPCD)	15	10
Reduction in CII water usage (GPCD)	78	69

4. Water Conservation Strategies

4.1 Water Loss

4.1.1 Universal Metering and Meter Replacement and Repair - Required

City of Burnet requires all water meters to be accurate within plus or minus 5% of the indicated flow over the possible flow range. All utility customers will be metered. Water will be metered in and out of all water treatment plants. A regularly scheduled maintenance program of meter repair, replacement and calibration will be performed in accordance with recommended meter manufacturer guidelines following the minimum schedule by meter size:

Production (master) meters:	Test once a year
Meters larger than 1 inch:	Test once a year
Meters 1 inch or smaller:	Test per manufacturer's recommendations

Zero consumption accounts will be checked to see if water is being used or not recorded. In addition, the meters will be checked for proper sizing.

4.1.2 Distribution System Leak Detection and Repair- Required

City of Burnet will conduct leak detection and water audits, making appropriate repairs, in order to meet the utility water loss goal. Water loss audits will be performed in accordance with Texas Water Development Board rules and City of Burnet will review TWDB Municipal BMP 4.2 Utility Water Audit & Water Loss prior to conducting a water loss audit. LCRA water customers may qualify for financial assistance for conducting comprehensive water audits.

Measures to proactively reduce water loss will be considered as feasible, including measures to reduce water lost within the water treatment process as well as strategies to reduce line flushing and identify/repair water line leaks quickly.

4.1.3 Additional Water Loss Best Management Practices (BMPs)

- All meters are read automatically using automated meter infrastructure (AMI) and City of Burnet receives real-time water use data.
- City of Burnet staff send leak alerts to customer using AMI data reports.

4.1.4 Commercial, Institutional, and Industrial (CII) Conservation Measures

To address the wide disparity between total gallons per capita daily (GPCD) and residential GPCD, the City will implement targeted conservation measures for commercial, institutional, and industrial (CII) water users. These measures include:

- Promoting water-efficient fixtures and equipment, such as HVAC systems, food service appliances, and laundry systems, for hotels, restaurants, schools, and other facilities.
- Encouraging businesses to adopt leak detection and maintenance programs.
- Encouraging car washes in implementing water reuse and recycling technologies.
- Educating businesses on water-efficient practices tailored to their operations.

The City will work with LCRA to identify businesses eligible for LCRA rebate programs and actively promote these opportunities to encourage adoption of water-saving technologies.

4.2 Water Rates and Records Management

4.2.1 Increasing Block Rates

City of Burnet currently uses an increasing block rate structure to reflect the cost drivers for the water systems and sends a conservation price signal to customers. City of Burnet will periodically evaluate its rate structure to promote conservation to the maximum extent possible. Updated rate schedules for these systems shall be submitted to LCRA within 30 days of approval. The current rate structure will be submitted with this plan to LCRA and will be located on the utility web site.

4.2.2 Water Monitoring and Records Management

City of Burnet's staff maintain records of water distribution and sales through a common monitoring and billing system to provide a central location for water billing information and a way to compile, present, and view water use and billing information.

The billing system is capable of separating water use per customer type into the following categories: single-family residential, multi-family residential, commercial, institutional, industrial, agricultural and wholesale. Any new billing system purchased will be capable of reporting detailed water use data by the sectors listed.

4.2.3 Additional Water Monitoring, Records Management and Planning Best Management Practices (BMPs)

- Adoption of a method for monitoring and evaluating the effectiveness of conservation measures. This includes a semi-annual review of residential GPCD and water loss GPCD to monitor and determine progress toward targeted goals

4.3 Permanent Watering Schedule

A permanent landscape watering schedule must limit outdoor spray irrigation for landscapes to no more than twice per week and only between the hours of midnight to 10 a.m. and 7 p.m. to midnight.

Adopted Schedule:

	Mon/Thur	Tue/Fri	Wed/Sat
Address Ending with #:	1,2, 5 or 6	3,4, 7 or 8	9 or 0

4.4 Water Reuse

Wastewater is currently delivered for beneficial use to irrigate the following municipal areas:

- Irrigation of athletic fields (YMCA Quadplex Sports Fields, 9.91 acres)
- Irrigation of golf courses (Delaware Springs Golf Course- 86 Acres)

The remainder of the wastewater is used to irrigate 109.63 acres of hay fields at the wastewater treatment plant.

The treated wastewater effluent currently produced is 600,000 gallons per day and 100% of that effluent is used for the irrigation uses listed above.

4.4.1 Additional Water Reuse Best Management Practices

- Possible expansion of the water reuse system to reach 7.06 additional acres of irrigated Sports Fields (Haley Nelson and Wallace Riddell).

4.5 Education and Outreach

4.5.1 Required Measures

Throughout the year, water conservation literature will be made available to users regarding water conservation, native landscaping and other related topics to garden clubs, homeowner associations, and various other interested groups. City of Burnet staff may attend such events or request a presentation from LCRA staff to promote water conservation.

4.5.2 Additional Education and Outreach Best Management Practices (BMPs)

- Customers will be offered rebates for irrigation system equipment, irrigation system evaluations, pools, landscapes and soil testing from LCRA, as listed on LCRA's website. City of Burnet will assist LCRA with promoting water conservation programs to its customers.

5. Wholesale Water Conservation Plans

Wholesale treated water customers must develop a drought contingency and a water conservation plan in accordance with LCRA Water Contract Rules. The plans must include a governing board resolution, ordinance or other official document noting that the plan has been formally adopted by the utility. Wholesale treated water customers must include in their wholesale water supply contracts the requirement that each successive wholesale customer develop and implement a water conservation and drought contingency plan.

6. Coordination with Regional Water Planning Group

The service area of City of Burnet is located within the Lower Colorado River Water Planning Area (Region K) of the State of Texas and the district has provided or will provide a copy of this water conservation plan to the regional water planning group. The plan can be sent to the LCRA, c/o Water Contracts and Conservation, P.O. Box 220, Austin, Texas, 78703.

7. Authorization and Implementation

The City Manager, or his designee, of City of Burnet is hereby authorized and directed to implement the applicable provisions of the plan. The City Manager, or his designee, will act as administrator of the water conservation program. He will oversee the execution and implementation of the program and will be responsible for keeping adequate records for program verification. A signed and dated copy of this plan by the City Manager, or his/her designee, will be sufficient to meet this requirement.

7.1 Plan Implementation

The City of Burnet has designated a water conservation coordinator, who will be responsible for the implementation of this water conservation plan. The current water conservation coordinator is Keith McBurnett. The City Manager, or his designee, may re-appoint this position. At that time, the City of Burnet will inform LCRA about this personnel change.

Approved by: David Vaugh, City Manager, City of Burnet

Signature:_____ Date: December 10, 2024

Appendix A – Historical Water Use Data – Table 1

Table 1: Monthly Water Use

Month	2019 MG	2020 MG	2021 MG	2022 MG	2023 MG	Average
January	18.415	20.201	22.623	22.788	23.124	21.4302
February	16.227	17.338	23.199	20.369	20.638	19.5542
March	20.039	19.361	22.756	25.685	27.444	23.057
April	21.888	20.438	26.187	32.309	26.983	25.561
May	20.92	26.387	25.674	36.715	26.893	27.3178
June	24.516	31.021	26.055	37.369	33.612	30.5146
July	29.073	44.022	29.914	41.133	47.835	38.3954
August	37.368	41.937	33.831	39.625	48.435	40.2392
September	32.082	27.379	34.616	33.157	43.367	34.1202
October	28.34	31.215	26.357	33.638	35.647	31.0394
November	20.25	26.381	22.909	25.513	38.632	26.737
December	20.181	22.579	23.939	24.645	41.772	26.6232
Total	289.299	328.259	318.06	372.946	414.382	344.5892