

WATER CONSERVATION PLAN AND DROUGHT CONTINGENCY PLAN

CITY OF BRECKENRIDGE

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**CITY OF BRECKENRIDGE,
TEXAS WATER CONSERVATION PLAN**

Section I Declaration of Policy, Purpose and Intent

The purpose of the Water Conservation Plan (Plan) is to: promote the wise and responsible use of water by implementing structural programs that result in quantifiable water conservation results; develop, maintain, and enforce water conservation policies and ordinances; and support public education programs to educate customers about water and wastewater facilities operations, water quantity and quality, water conservation and non-point source protection.

In accordance with 30 Texas Administrative Code Chapter 288, the City of Breckenridge (City) practices and promotes conservation of water through the implementation of practices described in the Texas Water Development Board’s (TWDB’s) Best Management Practices (BMP) Guide for Municipal and Wholesale Users. Where they appear in this Plan, BMPs are noted by “(recognized BMP)”.

Section II Utility Profile

The City of Breckenridge (City) is located in Stephens County and is situated approximately 95 miles west of Fort Worth and 60 miles northeast of Abilene. The service area for the City’s water distribution system encompasses approximately 4.2 square miles and is depicted in Appendix A.

The City supplies treated water to a single wholesale purchaser consisting of Stephens Regional Special Utility District (SRSUD or District).

Since the City served municipal use and wholesale customers during the utility profile period spanning 2019- 2023, both Municipal Use and Wholesale Use Profiles have been prepared for the Breckenridge system. The Municipal Use Utility Profile can be found in its entirety in Appendix B while the Wholesale Use Utility Profile has been included in Appendix C. Both profiles are summarized as follows.

A. Population

Breckenridge’s population in the year 2023 as determined from Region G Water Planning Group is 5,971 persons.

Table 1: Population for City of Breckenridge (2019-2023)

| Year | Breckenridge Population |
|----------------------------------|--------------------------------|
| 2019 | 5,912 |
| 2020 | 5,903 |
| 2021 | 5,926 |
| 2022 | 5,948 |
| 2023 | 5,971 |
| Source: 2026 Regional Water Plan | |

Table 2 depicts projected population figures for Breckenridge users through the year 2070.

Table 2: Projected Population for City of Breckenridge (2030-2070)

| Year | Breckenridge Population |
|----------------------------------|-------------------------|
| 2030 | 5,483 |
| 2040 | 5,189 |
| 2050 | 4,767 |
| 2060 | 4,473 |
| 2070 | 4,199 |
| Source: 2026 Regional Water Plan | |

B. Customer Data and Water Use Data

City water customers consist of a mixture of single family and multi-family residential, commercial, industrial and institutional users. City customers are supplied through approximately 2,431 residential connections, 48 institutional connections, 332 commercial connections and six industrial connections. The City supplies treated water to two municipal customers consisting of the Stephens Regional Special Utility District and High Mesa Water Company.

Table 3 summarizes the expected water use figures for the Breckenridge system's retail users over the next decade.

Table 3: Projected Population and Water Demand for City of Breckenridge (2025-2034)

| Year | Breckenridge Population (persons) | Breckenridge Demand (gallons/yr) |
|---------------------------------------|-----------------------------------|----------------------------------|
| 2025 | 5,693 | 257,659,831 |
| 2026 | 5,651 | 256,291,257 |
| 2027 | 5,609 | 254,922,688 |
| 2028 | 5,567 | 253,554,108 |
| 2029 | 5,525 | 252,185,534 |
| 2030 | 5,483 | 250,816,960 |
| 2031 | 5,462 | 249,480,971 |
| 2032 | 5,440 | 248,144,982 |
| 2033 | 5,419 | 246,808,993 |
| 2034 | 5,397 | 245,473,004 |
| Source: Region G Water Planning Group | | |

C. Water Supply System

1. Water Sources

Raw surface water is supplied to City water treatment works from Hubbard Creek Reservoir and Lake Daniel. The City owns and holds surface water rights to 2,100 acre-feet per year (ac-ft/yr) from Lake Daniel Hubbard Creek Reservoir, owned and operated by the West Central Texas Municipal Water District (District) provides by contract up to 2,400 ac-ft/yr of raw surface water for use by the City.

2. Water Treatment

The City owns and operates a water treatment facility (Public Water System Number 2150001) constructed in 1974. This plant is currently designed to treat a maximum of 3.4 million gallons per day (mgd). Raw water enters the plant at the dual-compartment flash mixer where chemicals for flocculation and disinfection are added. Water flows from the flash mixer to the inlet of the two clarifiers. In the flocculation zone of the clarifiers, the agglomerated solids generated by the flocculation mixing form floc particles comprised of turbidity and coagulant chemical. The flocculated particles settle to the bottom of the clarifiers leaving relatively clean settled water to send to the filters.

The plant is equipped with two dual-media (anthracite, and sand) filters to filter out remaining turbidity particles leaving the clarifiers. Once through the filters, water is dosed with chlorine and liquid ammonium sulfate to complete treatment. The treated water then flows to the clearwell where it is pumped to an above-ground storage tank. Pumps take suction from the above-ground storage tank, and deliver the water to the distribution system. The water treatment plant includes storage tanks for bulk delivery of coagulant, chlorine, ammonia, and caustic soda, as well as chemical metering facilities.

3. Water Distribution

After water is processed at the treatment plant, it is pumped into the distribution system and stored in ground and elevated storage tanks consisting of a 1.025-million-gallon ground storage tanks, and 0.65 million gallon elevated storage tanks, and a 150,000 gallon elevated storage tank giving in a total storage capacity of 1.675 million gallons. The City water distribution system provides economical and compatible facilities that are capable of furnishing sufficient water at suitable pressures to City retail users and to the single wholesale purchaser. The system consists of underground water mains, pumping stations, ground storage tanks, elevated storage tanks, valves, fire hydrants, and approximately 2,425 metered service connections. The distribution network is laid out in a

continuous looped system to circulate water and maintain constant system pressure. Pumping stations are located so as to pump water, maintain uniform pressure and maintain storage tank levels.

D. Wastewater System

1. Wastewater Collection

The City wastewater collection system consists of a network of sewer lines, lift stations, and manholes serving City customers. Approximately 87% of City water users discharge to the Breckenridge sewage collection system. Sewage flows by gravity, aided when necessary by lift stations, through the collection system into the wastewater treatment plant (WWTP). No wholesale customers are served by the City sewage collection and treatment system.

2. Wastewater Treatment

The City owns and operates a wastewater treatment plant under permit number TX0023213. The plant has a rated treatment capacity of 0.95 mgd. Sewage undergoes treatment consisting of prescreening, grit removal, activated sludge process, sedimentation, filtration, and chlorine disinfection. Approximately 10,000 gallons per month of treated sewage is reused onsite for wash down and chlorine motive water flow while the remainder of the treated effluent is discharged into Gonzales Creek which is a tributary of the Clear Fork of the Brazos River. Sewage biosolids are thickened via a belt press or wedgewire beds prior to disposal at the regional landfill in Abilene.

Section III. Water Conservation Goals

The 5- and 10-year goals for total per capita water use by City users is to maintain per capita water use at or below 114 gallons per capita per day (gpcd) by the end of 2029, and 113 gpcd by the end of 2034. The 5- and 10-year goals for residential per capita water use by City of Breckenridge users is to maintain residential per capita water use at or below 56 gpcd by the end of 2029 and 55 gpcd by the end of 2034. The 5- and 10-year per capita water loss goals are to maintain per capita water loss at less than 23 gallons per capita through the years 2029 and less than 18 gpcd by the end of 2034. These goals are set in accordance with Brazos G Regional Water Planning Group projections and in accordance with historic water use rates for City water system users (see Appendix C).

Section IV. Schedule for Implementation

The City will adhere to the following schedule, to achieve the targets and goals for water conservation:

- A. Meters will continue to be monitored for accuracy annually and replaced on an as-needed basis.
- B. Water audits will be conducted annually.
- C. Real water losses will be identified and corrected as budget permits. Real water losses are minimized by replacement of deteriorating water mains and appurtenances, as conducted by City staff on an on-going basis as budget permits.
- D. The City will make available to the public, material developed by the staff, materials obtained from the Texas Water Development Board, TCEQ or other sources annually to all customers.

Section V. Method for Tracking Implementation

The City Manager or his/her designee will submit an Annual Report to the Texas Water Development Board on the Water Conservation Plan. The report shall include the following:

- A. Public information which has been issued.
- B. Public response to the plan.
- C. Effectiveness of the Water Conservation Plan in lowering water consumption.
- D. Implementation progress and status of plan.
- E. Effectiveness of leak detection and repair programs in reducing water loss.

Section VI Metering Devices

It is City policy to purchase meters that meet at least the minimum standards developed by the American Water Works Association. All metering devices used to meter water diverted from the source of supply are accurate to within plus-or-minus 5% to measure and account for water diverted from the source of supply. Aged meters are systematically replaced to assure reliability of meter performance (recognized BMP).

Section VII Universal Metering

It is City policy to individually meter all water usage, except for fire protection, including all new construction within the City's CCN coverage area (recognized BMP).

Section VIII Measures to Determine and Control Unaccounted-For Uses of Water

It is City policy to investigate customer complaints of low pressure and possible leaks. The City's goal for unaccounted-for water use is 15% or less. The City's ongoing meter repair and replacement program involves meter readers checking each meter monthly for proper operation (recognized BMP). Any meter found not functioning properly is identified for replacement.

The City utilizes a record management system which records water pumped, water delivered, water sales and water losses to track water transmission, distribution, and delivery to customers. This information is used to evaluate the integrity of the water delivery system from source to end user to control and minimize unaccounted-for uses of water. The record management system utilized by the City segregates water sales and users into user classes of single family and multi-family residential, commercial, industrial and wholesale users (recognized BMP).

Section IX Leak Detection and Repair

The City practices a leak detection and repair program involving visual inspections of the system. Water Department personnel visually inspect suspected leaks and make quick and timely repairs to those leaks when detected. Leaking pipelines or pipeline sections are repaired or replaced as they are detected (recognized BMP).

Meter classification and aggressive follow-up on repair of detected leaks will aid in diminishing the amount of unaccounted-for water. The current detection program consists of the following observations and activities:

- A. Leaks reported by citizens.
- B. Leak detection by meter readers.
- C. Continual checking and servicing of production, pumping and storage facilities.
- D. Rapid response by city staff to reported problems.

Section X Continuing Public Education and Information Program

The Education and Information Program in use (recognized BMP) by the City to inform the public about water conservation and drought response consists of the following activities:

- A. Between two (2) and four (4) presentations may be put on annually for elementary age children at local schools. These presentations would cover a rotating itinerary of information covering water conservation in indoor and outdoor water uses.
- B. An annual presentation may be put on for each of the local civic groups, i.e. Lions Club, Kiwanis Club, etc. and a public presentation may be held at the City offices. These presentations would be advertised via utility bill statements, the City's website, and the local newspaper and radio. The content of the meetings is flexible and designed to cover areas of water conservation that recent water use reports may indicate are in need of discussion.
- C. Newspaper and radio ads are placed several times throughout the year based on the areas of current need for water conservation as determined from recent water use reports. Additionally, the City's website is also used to convey information concerning water conservation.

- D. All new connections to the water system are offered water conservation information upon establishing water service. This information includes a variety of indoor and outdoor water conservation pamphlets that have been prepared by the TWDB.
- E. All of the water conservation pamphlets included in the new service packet listed above are available to the public at no cost at the City offices. The public is made aware of these pamphlets via utility bill statements, the local newspaper and radio, and via the City's website.
- F. Toilet tank leak detector tablets are available to the public at no cost. The public is made aware of this service via utility bill statements, the local newspaper and radio, and via the City's website.

Section XI Non-Promotional Water Rate Structure

The City utilizes a non-declining block rate (recognized BMP) to encourage water conservation (see Appendix D). The City periodically evaluates its water rate structure and adjusts costs and/or structure as needed to encourage water conservation.

Section XII Plumbing Codes

The City has adopted the 2012 International Plumbing Code which is published by the International Code Council.

Section XIII Water Conservation Retrofit Program

Title V of the Texas Health and Safety Code, Subsection E, Chapter 421 requires that Texas businesses stock and sell only plumbing fixtures which conform to water saving performance standards. This will ensure that plumbing fixtures installed during new construction and remodeling will be of the conservation-oriented type (recognized BMP).

Section XIV Water Conservation Landscaping Program

Educational material made available to water system users will include information relating to low water use landscaping. Since the City reviews and approves subdivision plans, developers and builders, at the time building permits are acquired, will be provided with literature pertaining to low water demand landscaping items. Area nurseries also will be provided with this literature (recognized BMP).

Section XV Plan Enforcement and Adoption

The Plan is enforced within City service area by providing service taps only to customers complying with adopted water conservation policies, maintaining a non-declining rate structure, discontinuing service to those customers who do not pay their water bills until payment is made, and certifying new construction only after verifying it conforms to adopted ordinances and plumbing codes. (A copy of the ordinance adopting this Plan has

been included here in Appendix E.)

While at present the City does not serve wholesale customers, future wholesale customers will receive written notification of Plan adoption and any subsequent Amendments. Adoption of this Plan by the City per 30 Texas Administrative Code (TAC) Chapter 288, Subchapter A, Rule §288.5 (G) obligates wholesale customers as defined in 30 TAC Chapter 288, Subchapter A, Rule §288.1 to implement water conservation measures.

Section XVI Additional Wholesale Water Contract Requirements

It is City policy to include in every wholesale water supply contract entered into after official adoption of the Plan, including any contract extension, that each successive wholesale customer develop and implement a water conservation plan or water conservation measures using applicable elements in 30 TAC 288, Subchapter A (recognized BMP). If the wholesale customer intends to resell the water, then the contract between the City and the wholesale customer must provide that the contract for the resale of the water must have water conservation requirements so that each successive customer in the resale of the water will be required to implement water conservation measures in accordance with 30 TAC 288, Subchapter A.

Section XVII Coordination with Region G Planning Group

All retail customers served by the City are located within the Region G Planning Area. The City has provided a copy of this Plan to the Region G Planning Group. A copy of the transmittal letter to the Brazos Region G Water Planning Group is provided in Appendix F.

Section XVIII Reservoir Operation Plan

The City operates facilities at Lake Daniel according to the City's Reservoir Operation Plan (included in Appendix G).

Section XIX Revisions to the Water Conservation Plan

The City will review and update this Plan, as appropriate, based on new or updated information, such as the adoption or revision of the regional water plan. As a minimum the Plan will be updated again before May 1, 2029 and every five (5) years thereafter.

Section XX Severability

It is hereby declared to be the intention of the City that the sections, paragraphs, sentences, clauses, and phrases of this Plan are severable and if any phrase, clause, sentence, paragraph or section shall be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs or sections of this Plan, since the same would not have been enacted by the City without the incorporation into this Plan of any such unconstitutional phrase, clause, sentence, paragraph or section.

**CITY OF BRECKENRIDGE,
TEXAS DROUGHT CONTINGENCY PLAN**

Section I Declaration of Policy, Purpose, and Intent

A Drought Contingency Plan (Plan) is defined as, "A strategy or combination of strategies for temporary supply and demand management responses to temporary and potentially recurring water supply shortages and other water supply emergencies" (30 TAC Chapter 288, Subchapter A, §288.1,4). The City has established this Plan in order to establish criteria for determining various stages of drought and to establish corresponding policies that will be enforced during each stage of drought or during times of other water shortage or in times of emergency.

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 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 the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

Section III Application

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

Section IV Measures to Inform and Educate the Public

The Plan and its corresponding program will be made a part of any presentations that may be conducted annually by the City as discussed above in Section X of the Plan. In addition, during the enforcement of any stage of drought, the public will be made aware of conservation and drought conditions by information and data transfer through the City's program, including presenting information on the City's website. During periods of drought curtailment, Stage 1 conditions will establish an Information Center with staff, and utilize the most effective methods developed for information dissemination on a regular basis.

Close observation of the information program should determine the most effective ways to communicate with customers. The City's website, posted notices, newspaper articles, radio coverage and direct mail to customers may be used to convey information during drought conditions.

Section V Measures to Inform and Educate Wholesale Users

The City will periodically provide wholesale water customers with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. This information will be provided via the City's website and by a copy of the Plan, or periodically including information about the Plan with invoices for water sales.

Section VI Procedures for Initiation and Termination

Initiation Procedures:

Initiation of each drought condition will begin upon the discovery of the existence of any of the criteria set forth in this Plan for the given drought condition. Each condition will be met with corresponding action by the City Manager or his/her designee who will affect curtailment, give notice, and publicize and implement the curtailment procedures. During any period of drought curtailment, the City Manager or his/her designee will disseminate information via the Information Center utilizing local media and public postings. The City Manager or his/ her designee shall notify directly, or cause to be notified directly the Texas Commission on Environmental Quality (TCEQ) when mandatory restrictions are imposed.

Termination Procedures:

Termination of each drought condition will begin when that specific condition has been improved to the extent that an upgraded condition can be declared by the City Manager. This process will be employed until full service can be provided. System priority will be considered in return to upgraded condition, discontinuing restrictions to hospitals, schools, etc., in priority order. The City Manager or his/ her designee will notify the public upon lifting of any stage of drought curtailment. The City Manager or his/ her designee will notify the TCEQ directly, or cause the TCEQ to be notified directly within five (5) days of mandatory drought restrictions are lifted.

Section VII Triggering Criteria

The City Manager, or his/her designee, shall monitor water supply and/or demand conditions on a monthly basis and shall determine when conditions warrant initiation or termination of each stage of the Plan. Public notification of the initiation or termination of drought response stages shall be by means of publication in a newspaper of general circulation, direct mail to each customer and/or signs posted in public places. Wholesale customers will be notified both by telephone and mail. The City Manager will notify the TCEQ in writing within five (5) days of entering or rescinding of any mandatory water restrictions defined below.

The triggering criteria described below are based on a statistical analysis of the vulnerability of the water source under drought of record conditions.

A. Stage 1 - Mild Drought Conditions

Requirements for initiation –

1. The water surface elevation in Lake Daniel is at 1,266 feet mean sea level (msl) or when Hubbard Creek Reservoir is at 1,170-1155.01 feet msl; or
2. Daily water consumption will not enable distribution storage levels to be maintained under full operation of the system for two consecutive days; or
3. Any mechanical failure of pumping or storage equipment, or essential water treatment facility equipment has occurred that limits but does not stop the production and/or supply of water and that will require more than 24 hours to repair.

Requirements for termination –

Stage 1 of the Plan may be rescinded when

1. Lake Daniel is above 1,266 feet msl and Hubbard Creek Reservoir is above 1,170 feet msl for 30 consecutive days; and
2. Daily water consumption decreases to the point that distribution storage levels are restored to full capacity during low demand periods for two consecutive days.
3. Repairs have been made to pumping or storage equipment, or essential water treatment facility equipment which had caused Stage 1 to have been implemented.

B. Stage 2 - Moderate Drought Conditions

Requirements for initiation –

1. The water surface elevation in Lake Daniel falls to 1,263 feet msl, or when Hubbard Creek Reservoir is at 1,155-1,153.01 feet msl;
2. The average daily water consumption will not enable storage levels to be maintained under full operation of the system for three consecutive days; or
3. Any mechanical failure of pumping or storage equipment, or essential water treatment facility equipment has occurred that limits but does not stop the production and/or supply of water and that will require more than 48 hours to repair.

Requirements for termination –

Stage 2 of the Plan may be rescinded when

1. Lake Daniel is above 1,263 feet msl and Hubbard Creek Reservoir is above 1,155 feet msl for 30 consecutive days.
2. Daily water consumption decreases to the point that distribution storage levels are restored to full capacity during low demand periods for three consecutive days.
3. Repairs have been made to pumping or storage equipment, or essential water treatment facility equipment which had caused Stage 2 to have been implemented.

C. Stage 3 - Severe Drought Conditions

Requirements for initiation –

1. The water surface elevation in Lake Daniel is at 1,261 feet msl or when Hubbard Creek Reservoir is at 1,153-1,150.01 feet msl;
2. The average daily water consumption will not enable storage levels to be maintained under full operation of the system for four consecutive days; or
3. Any mechanical failure of pumping or storage equipment, or essential water treatment facility equipment has occurred that limits but does not stop the production and/or supply of water and that will require more than 72 hours to repair.

Requirements for termination –

Stage 3 of the Plan may be rescinded when

1. Lake Daniel is above 1,261 feet msl and Hubbard Creek Reservoir is above 1,153 feet msl for 30 consecutive days.
2. Daily water consumption decreases to the point that distribution storage levels are restored to full capacity during low demand periods for four consecutive days.
3. Repairs have been made to pumping or storage equipment, or essential water treatment facility equipment which had caused Stage 3 to have been implemented.

D. Stage 4 - Emergency Conditions

Requirements for initiation - The City of Breckenridge will recognize that an emergency water shortage condition exists when any of the following occur:

1. Hubbard Creek Reservoir is at 1,150 feet msl or below, or;
2. The water system is contaminated either accidentally or intentionally. The severe condition is reached immediately upon detection; or
3. The water system fails to produce water, whether from acts of God (tornados) or mechanical breakdown or any other reason. The severe condition is reached immediately upon detection.

Requirements for termination –

Stage 4 of the Plan may be rescinded when the water system has been restored to routine operation and the conditions which caused Stage 4 to be initiated are no longer present.

Section VIII. Drought Response Stages

The Water Conservation and Drought Contingency Ordinance, adopted and included as part of this Plan (Appendix E), enables the City Manager to initiate action that will effectively implement the Drought Contingency Plan. The following steps will be followed for each stage of drought:

Stage 1 - Mild Water Shortage Conditions

Target Water Use:

The goal for water use reduction under this drought stage is to limit total treated water use by all system users to less than 3.4 MGD.

Demand Management Measures:

Stage 1 curtailment shall be initiated upon existence of mild drought conditions. The City Manager and/or his staff shall:

- A. Develop an Information/Education Center and designate an Information Person.
- B. Advise the public of the drought condition and publicize the availability of information from the Information Center.
- C. Encourage the voluntary reduction of water use.
- D. Contact commercial users and explain the necessity for initiation of strict conservation methods.

- E. Make adjustments to the program to meet changing conditions.

Notification of System Users:

- A. The City Manager, or his/her designee, will contact wholesale water customers to discuss water supply and/or demand conditions and will request that wholesale water customers initiate voluntary measures to reduce water use.
- B. The City Manager, or his/her designee, will provide a weekly report to news media with information regarding current water supply and/or demand conditions if drought conditions persist, and consumer information on water conservation measures and practices.
- C. The City Manager will notify retail water users through local media outlets, wholesale customers via phone and written correspondence, and the TCEQ via phone and written correspondence within five working days of rescinding Stage 1 restrictions.

Stage 2 - Moderate Water Shortage Conditions

Target Water Use:

The goal for water use reduction under this drought stage is to limit total treated water use by all system users to less than 3.0 MGD.

Demand Management Measures:

Stage 2 curtailment shall be initiated by the City Manager on his identifying moderate drought conditions. The City Manager and/or his staff shall:

- A. Develop or continue the use of an Information/Education Center and designate or continue the use of an Information Person.
- B. Advise the public of the drought condition and publicize the availability of information from the Information Center.
- C. Ban the use of Non-essential water. Non-essential water use is defined as washing house windows, sidings, eaves, and roof with a hose, and without the use of a bucket; washing driveways, streets, curbs and gutters; washing vehicles without a hose cutoff valve and bucket; unattended sprinkling of landscape shrubs and grass; draining and filling swimming pools; and flushing water systems.
- D. Initiate a program for outdoor residential use of water that limits essential landscape irrigation to alternate days. Even numbered houses will use water for outdoor residential use on even days of the month and odd numbered houses on odd days of the month.
- E. Monitor the system function and establish hours for outside water use, depending upon the system performance.

- F. Visit commercial users to ensure voluntary conservation has been initiated.

Notification of System Users:

- A. The City Manager, or his/her designee, will contact wholesale water customers to discuss water supply and/or demand conditions and will request that wholesale water customers initiate mandatory curtailment in their systems.
- B. The City Manager, or his/her designee, will provide a weekly report to news media with information regarding current water supply and/or demand conditions if drought conditions persist, and consumer information on water conservation measures and practices.
- C. The City Manager will notify retail water users through local media outlets, wholesale customers via phone and written correspondence, and TCEQ via phone and written correspondence within five working days of rescinding Stage 2 restrictions.

Stage 3 - Severe Water Shortage Conditions

Target Water Use:

The goal for water use reduction under this drought stage is to limit total treated water use by all system users to less than 2.4 MGD.

Demand Management Measures:

Stage 3 curtailment shall be initiated upon the existence of severe drought or emergency conditions. The City Manager and/or his staff shall:

- A. Develop or continue the use of an Information/Education Center and designate or continue the use of an Information Person.
- B. Advise the public of the drought condition and publicize the availability of information from the Information Center.
- C. Ban the Use of water for vehicle washing, window washing, outside watering (lawn, shrubs, faucet dripping, garden, etc.).
- D. Ban the Use of water for public water uses which are not essential for health, safety and sanitary purposes. These non-essential uses include street washing, fire hydrant flushing, filling swimming pools, watering athletic fields and courses, and dust control sprinkling.
- E. Explore the possibility of utilizing alternative water sources and/or alternative delivery mechanisms with prior approval from TCEQ as appropriate.
- F. Businesses requiring water as a basic necessity of their operation, such as nurseries, commercial car washes, Laundromats, high pressure water cleaning

services, etc., will obtain written permission from the City Manager for the intended water use.

- G.** A system priority will be established. Those users with the highest priority will be the last to have their water use restricted. The system priority is as follows:
1. Hospitals
 2. Residential
 3. Schools
 4. Industrial
 5. Commercial
 6. Recreational Notification of System Users:
- H.** The City Manager, or his/her designee, will contact wholesale water customers to discuss water supply and/or demand conditions and will request that wholesale water customers initiate mandatory curtailment in their systems.
- I.** The City Manager, or his/her designee, will provide a weekly report to news media with information regarding current water supply and/or demand conditions if drought conditions persist, and consumer information on water conservation measures and practices.
- J.** The City Manager will notify retail water users through local media outlets, wholesale customers via phone and written correspondence, and the TCEQ via phone and written correspondence within five working days of rescinding Stage 3 restrictions.

Stage 4 - Emergency Water Shortage Conditions

Target Water Use:

The goal for water use reduction under this drought stage is to limit total treated water use by all system users to less than 0.7 MGD.

Demand Management Measures:

Whenever emergency water shortage conditions exist, the City Manager shall:

- A.** Assess the severity of the problem and identify the actions needed and time required to solve the problem.
- B.** Inform the utility director or other responsible official of each wholesale water customer by telephone or in person and suggest actions, as appropriate, to alleviate problems (e.g., notification of the public to reduce water use until service is restored).
- C.** If appropriate, notify city, county, and/or state emergency response officials for assistance.

- D. Undertake necessary actions, including repairs and/or clean-up as needed.
- E. Prepare a post-event assessment report on the incident and critique of emergency response procedures and actions.

Notification of System Users:

- A. The City Manager, or his/her designee, will contact wholesale water customers to discuss water supply and/or demand conditions and will request that wholesale water customers initiate mandatory curtailment in their systems.
- B. The City Manager, or his/her designee, will provide a weekly report to news media with information regarding current water supply and/or demand conditions if drought conditions persist, and consumer information on water conservation measures and practices.
- C. The City Manager will notify retail water users through local media outlets, wholesale customers via phone and written correspondence, and the TCEQ via phone and written correspondence within five working days of rescinding Stage 4 restrictions.

Section IX Pro Rata Water Allocation

In the event that the triggering criteria specified in Section VII of the Plan for Stage 3 - Severe Water Shortage Conditions have been met, the City Manager is hereby authorized to initiate allocation of water supplies on a pro rata basis in accordance with Texas Water Code Section 11.039 and according to the following water allocation policies and procedures:

- A. A wholesale customer's monthly allocation shall be a percentage of the customer's water usage baseline. The percentage will be set by Ordinance of the Commission based on the City Manager's assessment of the severity of the water shortage condition and the need to curtail water diversions and/or deliveries and may be adjusted periodically by Ordinance of the Commission as conditions warrant. Once pro rata allocation is in effect, water diversions by or deliveries to each wholesale customer shall be limited to the allocation established for each month.
- B. A monthly water usage allocation shall be established by the City Manager, or his/her designee, for each wholesale customer. The wholesale customer's water usage baseline will be computed on the average water usage by month for the 2021-2023 period as shown in the example given below. If the wholesale water customer's billing history is less than three years, the monthly average for the period for which there is a record shall be used for any monthly period for which no billing history exists.

| | 2021 | 2022 | 2023 | Avg. | Allocation Percentage |
|-------------------------------------|-------|-------|-------|-------|-----------------------|
| Jan | 4.187 | 4.021 | 4.332 | 4.180 | 75% |
| Feb | 4.520 | 3.291 | 3.868 | 3.893 | 75% |
| Mar | 4.870 | 4.154 | 4.433 | 4.486 | 75% |
| Apr | 4.740 | 4.004 | 5.422 | 4.722 | 75% |
| May | 6.812 | 4.866 | 7.551 | 6.410 | 75% |
| Jun | 6.477 | 8.500 | 8.257 | 7.745 | 75% |
| Jul | 7.668 | 9.877 | 9.090 | 8.878 | 75% |
| Aug | 5.977 | 6.565 | 8.795 | 7.112 | 75% |
| Sept | 4.975 | 6.325 | 8.831 | 6.710 | 75% |
| Oct | 4.358 | 5.002 | 6.888 | 5.416 | 75% |
| Nov | 3.960 | 4.407 | 5.257 | 4.541 | 75% |
| Dec | 4.658 | 4.509 | 4.765 | 4.644 | 75% |
| *UNITS IN MILLION GALLONS PER MONTH | | | | | |

- C. The City Manager shall provide notice, by certified mail, to each wholesale customer informing them of their monthly water usage allocations and shall notify the news media and the executive director of the TCEQ upon initiation of pro rata water allocation.
- D. 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 does not accurately reflect the wholesale customer’s normal water usage; (2) the customer agrees to transfer part of its allocation to another wholesale customer; or (3) other objective evidence demonstrates that the designated allocation is inaccurate under present conditions. A customer may appeal an allocation established hereunder to the Commission of the City.

Section X Means of Adoption, Implementation and Enforcement

Adoption of this Plan will enable the City Manager to implement and carry out enforcement of enacted ordinances to make the Plan effective and workable. During any stage of drought or during emergencies, all city employees shall have instruction to monitor water use by the public in order to observe that the policies of the given stage of drought are being practiced. Those customers observed to be in violation shall be reported to the City Manager or the Code Enforcement Officer, who along with designated members of their staff shall issue citations for each reported violation. In addition, residents who observe violations may also report said violations to the City Manager or Code Enforcement Officer. This method of enforcement shall be publicized via the education program of this Plan.

A. Penalties

Direct-billed Retail Water Customers: Users of City water that do not comply with the requirements of the drought contingency measures will be subject to a penalty and fine for each non-compliance. These users will also be subject to disconnection or discontinuance of City water services. These fines shall be as follows:

1. 1st offense \$75.00
2. 2nd offense \$100.00
3. 3rd offense \$200.00
4. 4th offense Discontinuation of Service

Wholesale Customers: Any new or renewed wholesale water contracts with political subdivisions and/or other wholesale customers who desire to purchase water from the City will be required to adopt a drought contingency plan or adopt the City Plan. Future wholesale contracts will require the management body of the said entity to enforce their plan. Failure of a wholesale entity to enforce a Plan during any period of drought or emergency will result in a penalty or fine that shall be set forth in the wholesale water contract or amended contract.

Section XI Variances

The City Manager, or his/her designee, may, in writing, grant a temporary variance to the pro rata water allocation policies provided by this Plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the public health, welfare, or safety 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 Plan shall file a petition for variance with the City Manager within 5 days after prorata allocation has been invoked. All petitions for variances shall be reviewed by the City Commission, and shall include the following:

- A. Name and address of the petitioner(s).
- B. Detailed statement with supporting data and information as to how the pro rata allocation of water under the policies and procedures established in the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Ordinance.
- C. Description of the relief requested.
- D. Period of time for which the variance is sought.
- E. Alternative measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.
- F. Other pertinent information.

Variations granted by the City Commission shall be subject to the following conditions, unless waived or modified by the City Commission or its designee:

- A. Variations granted shall include a timetable for compliance.
- B. Variations granted shall expire when the Plan is no longer in effect, unless the petitioner has failed to meet specified requirements.

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

Section XII Coordination with Region G Planning Group

The water service area of the City is located within the Region G Water Planning Group planning area. The City has provided a copy of the Plan to the Region G Water Planning Group (Appendix F).

Section XIII Modification, Deletion and Amendment

Modification to this Plan in any form shall be presented for public discussion and approved by the City Commission in accordance with all State and local laws. The City will review and update this Plan, as appropriate. As a minimum the Plan will be updated again before May 1, 2029 and every five (5) years thereafter.

Section XIV Reporting Requirement

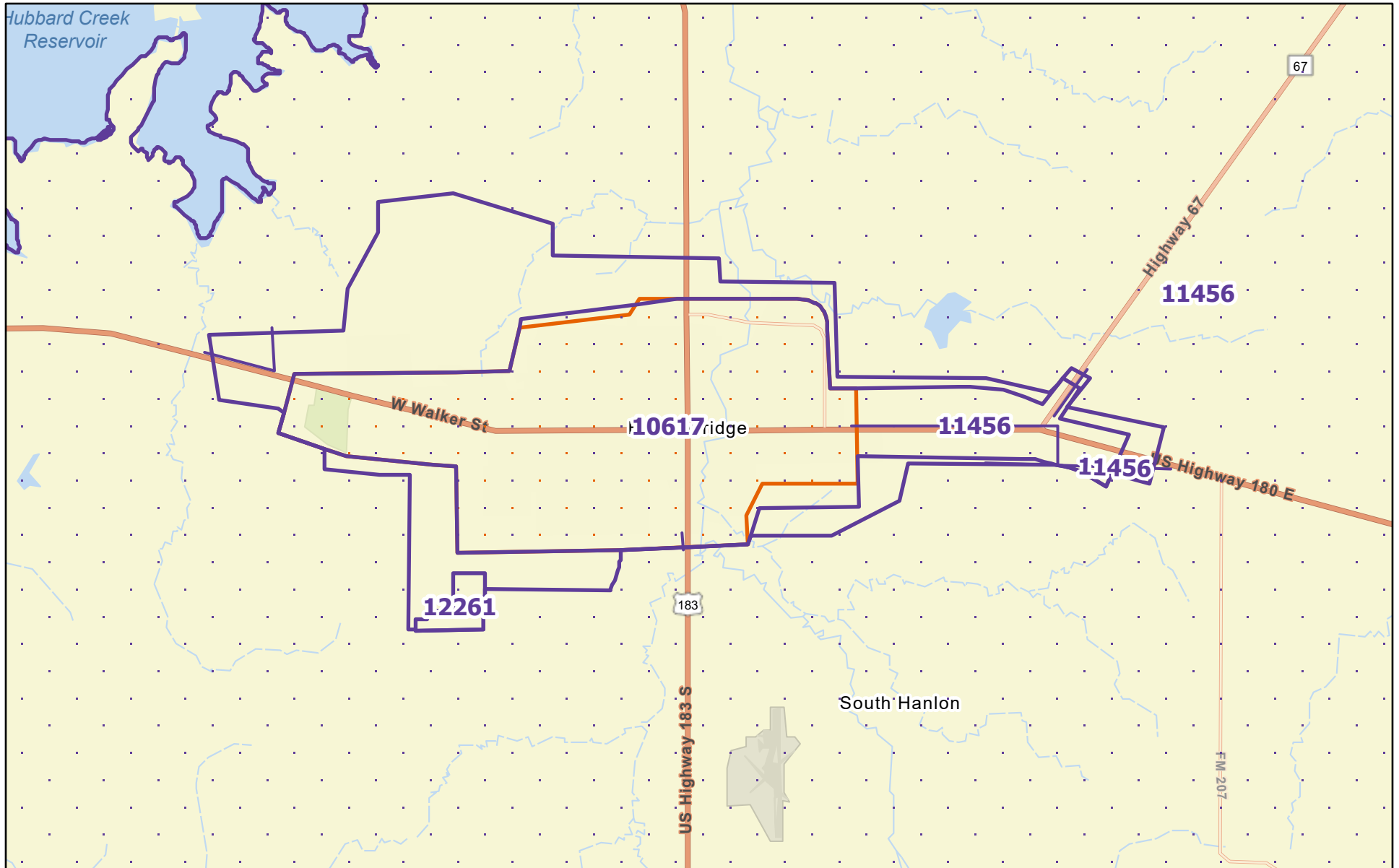
Under the conditions of this Plan the City Manager shall be responsible for preparing the annual report seen and described in Texas Water Development Board's Form No. 1969 (Water Conservation Program Annual Report).

Section XV Severability

It is hereby declared to be the intention of the City that the sections, paragraphs, sentences, clauses, and phrases of this Plan are severable and, if any phrase, clause, sentence, paragraph, or section of this Plan shall be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs, and sections of this Plan, since the same would not have been enacted by the City without the incorporation into this Plan of any such unconstitutional phrase, clause, sentence, paragraph, or section.

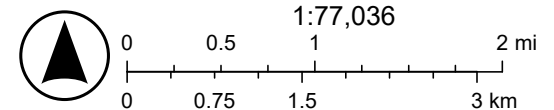
Appendix A
Service Area Map

City of Breckenridge Water Service Area



3/5/2024, 11:33:24 AM

-  Water CCN Facility Lines
-  Water CCN Service Areas
-  Sewer CCN Service Areas



Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS

Appendix B

Utility Profile for Retail Water Supplier

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

CONTACT INFORMATION

Name of Utility:

Public Water Supply Identification Number (PWS ID):

Certificate of Convenience and Necessity (CCN) Number:

Surface Water Right ID Number:

Wastewater ID Number:

Contact: First Name: Last Name:

Title:

Address: City: State:

Zip Code: Zip+4: Email:

Telephone Number: Date:

Is this person the designated Conservation Coordinator? Yes No

Regional Water Planning Group:

Groundwater Conservation District:

Our records indicate that you:

- 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:

Attached file(s):

| File Name | File Description |
|---|------------------|
| City of Breckenridge Water Service Area.pdf | |

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

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 |
|-------------|---|--|---|
| 2023 | 5,971 | 2,497 | 5,194 |
| 2022 | 5,948 | 4,809 | 5,174 |
| 2021 | 5,926 | 55 | 5,155 |
| 2020 | 5,903 | 55 | 5,135 |
| 2019 | 5,977 | 55 | 5,199 |

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 | 5,483 | 2,831 | 4,769 |
| 2040 | 5,189 | 2,881 | 4,514 |
| 2050 | 4,767 | 2,942 | 4,147 |
| 2060 | 4,473 | 3,004 | 3,891 |
| 2070 | 4,199 | 3,148 | 3,653 |

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

| |
|---|
| 2026 Regional Water Plan and Utility records. |
|---|

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

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 |
|-------------------------|---------------------------|-------------------------------------|---------------------------|--------------------|------------|
| 2023 | 323,633,126 | 0 | 22,016,000 | 301,617,126 | 138 |
| 2022 | 258,061,896 | 0 | 8,497,000 | 249,564,896 | 115 |
| 2021 | 212,263,106 | 0 | 738,000 | 211,525,106 | 98 |
| 2020 | 241,151,443 | 0 | 773,000 | 240,378,443 | 112 |
| 2019 | 247,871,881 | 0 | 734,000 | 247,137,881 | 113 |
| Historic Average | 256,596,290 | 0 | 6,551,600 | 250,044,690 | 115 |

C. Water Supply System

1. Designed daily capacity of system in gallons 3,400,000
2. Storage Capacity
 - 2a. Elevated storage in gallons: 650,000
 - 2b. Ground storage in gallons: 1,025,000

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

D. Projected Demands

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

| Year | Population | Water Demand (gallons) |
|------|------------|------------------------|
| 2025 | 5,693 | 257,659,831 |
| 2026 | 5,651 | 256,291,257 |
| 2027 | 5,609 | 254,922,688 |
| 2028 | 5,567 | 253,554,108 |
| 2029 | 5,525 | 252,185,534 |
| 2030 | 5,483 | 250,816,960 |
| 2031 | 5,462 | 249,480,971 |
| 2032 | 5,440 | 248,144,982 |
| 2033 | 5,419 | 246,808,993 |
| 2034 | 5,397 | 245,473,004 |

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

| |
|--|
| 2026 Regional Water Plan and Utility Records |
|--|

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 |
|--------------------------|--------------------|------------------|----------------|
| RGN Manufacturing | Industrial | 667,000 | Treated |
| RE Dye Manufacturing | Industrial | 493,000 | Treated |
| Jonell | Industrial | 426,000 | Treated |
| Bridgeport Manufacturing | Industrial | 290,000 | Treated |

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

| Customer | Water Use Category | Annual Water Use | Treated or Raw |
|-------------------------|--------------------|------------------|----------------|
| Stephens Regional SUD | Municipal | 21,215,000 | Treated |
| High Mesa Water Company | Municipal | 801,000 | Treated |

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

F. Utility Data Comment Section

Additional comments about utility data.

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 | 1,896 | 67.31 % |
| Residential - Multi-Family | 535 | 18.99 % |
| Industrial | 6 | 0.21 % |
| Commercial | 332 | 11.79 % |
| Institutional | 48 | 1.70 % |
| Agricultural | 0 | 0.00 % |
| Total | 2,817 | 100.00 % |

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

| Year | Net Number of New Retail Connections | | | | | | |
|-------------|--------------------------------------|----------------------------|------------|------------|---------------|--------------|-------|
| | Residential - Single Family | Residential - Multi-Family | Industrial | Commercial | Institutional | Agricultural | Total |
| 2023 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 2022 | 1 | 9 | 1 | 6 | 0 | 0 | 17 |
| 2021 | 22 | 0 | 0 | 0 | 0 | 0 | 22 |
| 2020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2019 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

B. Accounting Data

The previous five years' gallons of RETAIL water provided in each major water use category.

| Year | Residential - Single Family | Residential - Multi-Family | Industrial | Commercial | Institutional | Agricultural | Total |
|-------------|-----------------------------|----------------------------|------------|------------|---------------|--------------|-------------|
| 2023 | 116,609,734 | 18,490,900 | 1,876,200 | 40,588,163 | 50,599,900 | 0 | 228,164,897 |
| 2022 | 108,371,742 | 16,252,400 | 1,854,100 | 34,794,980 | 34,063,199 | 0 | 195,336,421 |
| 2021 | 99,476,182 | 15,373,400 | 2,397,100 | 28,536,601 | 24,279,700 | 0 | 170,062,983 |
| 2020 | 110,628,837 | 14,808,500 | 1,241,300 | 27,136,182 | 25,921,600 | 0 | 179,736,419 |
| 2019 | 103,259,300 | 14,730,000 | 2,946,600 | 30,044,300 | 28,760,100 | 0 | 179,740,300 |

C. Residential Water Use

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

| Year | Total Residential GPCD |
|-------------------------|------------------------|
| 2023 | 62 |
| 2022 | 57 |
| 2021 | 53 |
| 2020 | 58 |
| 2019 | 54 |
| Historic Average | 57 |

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

D. Annual and Seasonal Water Use

1. The previous five years' gallons of treated water provided to RETAIL customers.

| Month | Total Gallons of Treated Water | | | | |
|------------------|--------------------------------|-------------|-------------|-------------|-------------|
| | 2023 | 2022 | 2021 | 2020 | 2019 |
| January | 22,350,000 | 9,980,000 | 15,346,000 | 20,177,000 | 19,580,000 |
| February | 20,720,000 | 8,280,000 | 26,163,000 | 16,079,000 | 16,096,000 |
| March | 21,510,000 | 17,180,000 | 23,650,000 | 16,527,000 | 20,592,000 |
| April | 26,350,000 | 21,270,000 | 19,758,000 | 19,552,000 | 20,004,000 |
| May | 25,090,000 | 24,850,000 | 17,910,000 | 20,752,000 | 21,923,996 |
| June | 26,420,000 | 28,180,000 | 15,890,000 | 22,343,000 | 17,803,000 |
| July | 35,190,000 | 31,150,000 | 16,782,000 | 24,582,000 | 24,231,000 |
| August | 42,700,000 | 26,489,000 | 19,250,000 | 30,333,000 | 25,172,000 |
| September | 31,090,000 | 27,187,000 | 22,120,000 | 18,089,000 | 26,788,000 |
| October | 29,290,000 | 20,168,000 | 15,210,000 | 24,210,000 | 22,244,000 |
| November | 25,240,000 | 22,490,000 | 13,260,000 | 17,220,000 | 18,757,000 |
| December | 20,610,000 | 23,840,000 | 10,650,000 | 15,083,000 | 18,515,000 |
| Total | 326,560,000 | 261,064,000 | 215,989,000 | 244,947,000 | 251,705,996 |

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

2. The previous five years' gallons of raw water provided to RETAIL customers.

| Month | Total Gallons of Raw Water | | | | |
|--------------|----------------------------|---------------|----------------|---------------|----------------|
| | 2023 | 2022 | 2021 | 2020 | 2019 |
| January | 0 | 4,500 | 200 | 100 | 5,700 |
| February | 0 | 10,800 | 0 | 16,100 | 33,100 |
| March | 6,000 | 2,200 | 1,100 | 1,800 | 34,600 |
| April | 22,000 | 3,300 | 500 | 400 | 15,200 |
| May | 33,000 | 800 | 0 | 0 | 4,300 |
| June | 208,000 | 8,700 | 3,500 | 0 | 8,900 |
| July | 282,000 | 2,000 | 0 | 0 | 16,300 |
| August | 465,000 | 4,800 | 9,900 | 0 | 19,600 |
| September | 358,000 | 300 | 371,500 | 0 | 15,300 |
| October | 440,000 | 2,200 | 1,900 | 100 | 6,300 |
| November | 204,000 | 8,900 | 7,500 | 22,200 | 6,400 |
| December | 266,000 | 0 | 1,600 | 1,900 | 0 |
| Total | 2,284,000 | 48,500 | 397,700 | 42,600 | 165,700 |

3. Summary of seasonal and annual water use.

| | Summer RETAIL (Treated + Raw) | Total RETAIL (Treated + Raw) |
|---------------------------|----------------------------------|---------------------------------|
| 2023 | 105,265,000 | 328,844,000 |
| 2022 | 85,834,500 | 261,112,500 |
| 2021 | 51,935,400 | 216,386,700 |
| 2020 | 77,258,000 | 244,989,600 |
| 2019 | 67,250,800 | 251,871,696 |
| Average in Gallons | 77,508,740.00 | 260,640,899.20 |

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

E. Water Loss

Water Loss data for the previous five years.

| Year | Total Water Loss in Gallons | Water Loss in GPCD | Water Loss as a Percentage |
|----------------|-----------------------------|--------------------|----------------------------|
| 2023 | 60,613,165 | 28 | 18.70 % |
| 2022 | 35,229,962 | 16 | 13.70 % |
| 2021 | 37,114,511 | 17 | 17.50 % |
| 2020 | 54,919,211 | 25 | 22.80 % |
| 2019 | 60,017,735 | 28 | 24.20 % |
| Average | 49,578,917 | 23 | 19.38 % |

F. 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) |
|------|-------------------------|--------------------|------------------|
| 2023 | 900,942 | 1144184 | 1.2700 |
| 2022 | 715,376 | 932983 | 1.3042 |
| 2021 | 592,840 | 564515 | 0.9522 |
| 2020 | 671,204 | 839760 | 1.2511 |
| 2019 | 690,059 | 730986 | 1.0593 |

G. Summary of Historic Water Use

| Water Use Category | Historic Average | Percent of Connections | Percent of Water Use |
|------------------------------------|------------------|------------------------|----------------------|
| Residential - Single Family | 107,669,159 | 67.31 % | 56.49 % |
| Residential - Multi-Family | 15,931,040 | 18.99 % | 8.36 % |
| Industrial | 2,063,060 | 0.21 % | 1.08 % |
| Commercial | 32,220,045 | 11.79 % | 16.90 % |
| Institutional | 32,724,899 | 1.70 % | 17.17 % |
| Agricultural | 0 | 0.00 % | 0.00 % |

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

H. 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: 950,000

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

| Water Use Category | Metered | Unmetered | Total Connections | Percent of Total Connections |
|----------------------|---------|-----------|-------------------|------------------------------|
| Municipal | 1,151 | | 1,151 | 82.57 % |
| Industrial | 5 | | 5 | 0.36 % |
| Commercial | 233 | | 233 | 16.71 % |
| Institutional | 5 | | 5 | 0.36 % |
| Agricultural | 0 | | 0 | 0.00 % |
| Total | 1,394 | | 1,394 | 100.00 % |

3. Percentage of water serviced by the wastewater system: 87.00 %

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

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

| Month | Total Gallons of Treated Water | | | | |
|--------------|--------------------------------|-------------|-------------|-------------|-------------|
| | 2023 | 2022 | 2021 | 2020 | 2019 |
| January | 12,652,000 | 11,481,000 | 15,654,000 | 14,747,000 | 19,245,000 |
| February | 13,953,000 | 1,429,000 | 14,036,000 | 16,496,000 | 11,787,000 |
| March | 14,370,000 | 11,648,000 | 13,972,000 | 23,728,000 | 13,722,000 |
| April | 11,261,000 | 13,335,000 | 40,590,000 | 14,331,000 | 18,955,000 |
| May | 13,309,000 | 13,886,000 | 22,774,000 | 15,807,000 | 28,693,000 |
| June | 12,292,000 | 12,672,000 | 24,909,000 | 11,427,000 | 20,956,000 |
| July | 11,052,000 | 11,905,000 | 14,934,000 | 10,345,000 | 14,018,000 |
| August | 10,700,000 | 13,297,000 | 13,055,000 | 10,157,000 | 12,635,000 |
| September | 10,269,000 | 13,157,000 | 10,832,000 | 14,957,000 | 11,725,000 |
| October | 11,992,000 | 13,605,000 | 15,553,000 | 11,731,000 | 12,321,000 |
| November | 9,709,000 | 12,697,000 | 11,153,000 | 11,680,000 | 14,294,000 |
| December | 10,996,000 | 14,135,000 | 10,871,000 | 12,080,000 | 13,016,000 |
| Total | 142,555,000 | 143,247,000 | 208,333,000 | 167,486,000 | 191,367,000 |

5. Could treated wastewater be substituted for potable water?

Yes
 No

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 | |
| Plant wash down | 7,267,950 |
| Chlorination/de-chlorination | |
| Industrial | |
| Landscape irrigation (park,golf courses) | 0 |
| Agricultural | |
| Discharge to surface water | |
| Evaporation Pond | |
| Other | |
| Total | 7,267,950 |

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

C. Wastewater System Data Comment

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

Appendix C

Water Conservation Goals for Retail Water Supplier

WATER CONSERVATION GOALS FOR RETAIL WATER SUPPLIER

CONTACT INFORMATION

| | | | |
|--|----------------------|--------------------|----------------------------|
| Name of Utility: | CITY OF BRECKENRIDGE | | |
| Public Water Supply Identification Number (PWS ID): | TX2150001 | | |
| Certificate of Convenience and Necessity (CCN) Number: | 10617 | | |
| Surface Water Right ID Number: | 4214 | | |
| Wastewater ID Number: | 20259 | | |
| Contact: | First Name: | Diane | Last Name: Latham |
| | Title: | | |
| Address: | 105 N Rose Ave | City: Breckenridge | State: TX |
| Zip Code: | 76424 | Zip+4: | |
| | | Email: | dlatham@breckenridgetx.gov |
| Telephone Number: | 2545598287 | Date: | 5/3/2024 |

Is this person the designated Conservation Coordinator? Yes No

Regional Water Planning Group: G
Groundwater Conservation District:

Our records indicate that you:

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

WATER CONSERVATION GOALS FOR RETAIL WATER SUPPLIER

| | Historic 5 Year Average | Baseline | 5-Year Goal for Year 2029 | 10-Year Goal for Year 2034 |
|------------------------------|--------------------------------|-----------------|----------------------------------|-----------------------------------|
| Water Loss (GPCD) | 115 | 115 | 114 | 113 |
| Residential GPCD | 57 | 57 | 56 | 55 |
| Water Loss (GPCD) | 23 | 28 | 23 | 18 |
| Water Loss Percentage | 20.00% | 24.00% | 20.00% | 16.00% |

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

Attached file(s):

| File Name | File Description |
|--|---------------------------------------|
| Breckenridge WCP DCP with Appendix (Draft - May 03 2024).pdf | Breckenridge WCP DCP (Draft 05032024) |

Appendix D

City Water Rate Structure

be permitted on each account within a calendar year.

- (2) **Payment Arrangements:** At the discretion of the Finance Director or her/his designee, payment arrangements will be considered on a case by case basis. Account holder must come in to complete an application for the Finance Director's review, approval and conditions of arrangement fully explained and signed off by the account holder.
- (3) Residential customers may request a temporary exemption of late charges once within a calendar year if they have a satisfactory 12-month history of on-time payments for utilities with the City.

(F) Water Rate Schedule (Sec. 21-12):

| | <i>Inside City Limits</i> | <i>Outside City Limits</i> |
|---|---------------------------|----------------------------|
| (1) <i>Residential Single Family:</i> | | |
| First 2,000 gallons (minimum): | \$42.72 | \$65.43 |
| Next 3,000 gallons, per thousand: | \$7.22 <i>21.66</i> | \$14.14 |
| Next 5,000 gallons, per thousand: | \$7.68 <i>35.10</i> | \$15.04 |
| Next 10,000 gallons, per thousand: | \$8.93 <i>29.30</i> | \$17.48 |
| Over 20,000 gallons, per thousand: | \$10.24 | \$20.06 |
| (2) <i>Commercial and Apartments:</i> | | |
| First 2,000 gallons (minimum): | \$53.19 | \$86.37 |
| Next 3,000 gallons, per thousand: | \$7.22 | \$14.14 |
| Next 5,000 gallons, per thousand: | \$7.68 | \$15.04 |
| Next 10,000 gallons, per thousand: | \$8.93 | \$17.48 |
| Over 20,000 gallons, per thousand: | \$10.24 | \$20.06 |
| (3) Add \$5.57 or \$11.67 to the minimum charge for each additional family, apartment or house over two (2) allowed for \$53.19 or \$86.37 minimum that is connected to the same meter . | | |
| (4) <i>Texas Department of Criminal Justice - Walker Sayle Unit:</i> | | |
| per one thousand gallons: | | \$8.60 |
| (5) <i>High Mesa Water Company:</i> | | |
| First 2,000 gallons (minimum): | | \$45.50 |
| 2,001 gallons and over, per one thousand gallons: | | \$6.00 |
| (6) <i>Stephens Regional Special Utility District:</i> | | |
| per one thousand gallons: | | \$6.00 |
| (7) <i>Plant Water:</i> | | |
| treated per one thousand gallons: | | \$25.00 |
| raw per one thousand gallons: | | \$18.00 |
| (8) <i>Meter Access:</i> | | |
| Meter Reader unable to access meter to get reading due to customer parking over meter or any blocking meter access in any way. | | \$25.00 |
| (G) <u>Delinquent Account Fees</u> (Sec. 21-15): | | |
| (1) Late Payment Fee: | | \$25.00 |
| (2) Reconnection Fee: | | |
| (a) During normal operating hours: | | \$25.00 |
| (b) After hours: | | \$50.00 |
| (H) <u>Rereads</u> (Sec. 21-16): | | \$10.00* |
| (I) <u>Temporary Disconnection of Service</u> (Sec. 21-17): | | |
| (1) Disconnection during normal operating hours: | | \$25.00 |
| (2) Disconnection after hours: | | \$50.00 |
| (3) Meter Tampering** | | \$100.00 |

Appendix E

Resolution Adopting the Water Conservation and Drought Contingency Plan

**ORDINANCE FOR ADOPTION OF THE CITY OF BRECKENRIDGE
WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN
ORDINANCE NO.**

AN ORDINANCE OF THE CITY OF BRECKENRIDGE
(CITY) ADOPTING A WATER CONSERVATION AND
DROUGHT CONTINGENCY PLAN FOR THE CITY

WHEREAS, the members of the Board of Commissioners recognize 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 members of the Board of Commissioners recognize 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 affected public water supply systems in Texas to prepare a water conservation and drought contingency plan; and

WHEREAS, as authorized under law, and in the best interests of the customers of the City, the Board of Commissioners 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;

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE CITY:

SECTION 1. That the Water Conservation and Drought Contingency Plan attached hereto as Exhibit A and made part hereof for all purposes be adopted as the official policy of the City.

SECTION 2. Mayor is hereby directed to implement, administer, and enforce the Water Conservation and Drought Contingency Plan.

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

DULY PASSED BY THE BOARD OF COMMISSIONERS OF THE CITY, ON THIS ____ day of _____ 2024.

Mayor

ATTESTED TO:

Secretary

Appendix F

Coordination with Region G Water Planning Group

April 30, 2024

Pamela Hannemann
Brazos River Authority
P.O. Box 7555, Waco, TX 76714

Re: Updated Water Conservation and Drought Contingency Plan for the City of Breckenridge
PWS 2150001

Dear Ms. Hannemann;

Enclosed for your use please find copies of the recently updated Water Conservation and Drought Contingency Plans for the City of Breckenridge (City). The plans contain required elements as described in 30 Texas Administrative Code Chapter 288. The plans are being submitted to the Region G Water Planning Group, the Texas Water Development Board and the Texas Commission on Environmental Quality. If you have any questions you may reach me at 254.559.8287.

Sincerely,

City of Breckenridge

c: TWDB; P.O. Box 13231, Austin, TX 78711-3231
TCEQ Resource Protection Team, P.O. Box 13087 (MC-160); Austin, TX 78711-3087

Appendix G

Reservoir Operation Plan

LAKE DANIEL RESERVOIR OPERATIONS PLAN

The City of Breckenridge owns, operates, and maintains Lake Daniel for the purpose of providing treated water for public use by the City of Breckenridge water customers. The reservoir is operated with the intent of optimizing both quality and quantity of water stored in and drawn from the reservoir.

Lake Daniel has a capacity of 9,515 acre-feet when full. The treatment plant draws raw water from Lake Daniel to the plant by way of the intake structure supplying the water treatment plant. The raw water delivery system includes a raw water flow control valve that serves to modulate the flow rate of raw water to the water treatment plant.

City of Breckenridge Water Department personnel determine the proper gate to draw from based on water level in the lake and water quality conditions at the inlet levels. The City's treatment staff select the desired intake levels so as to optimize source water quality. Parameters measured by Water Department personnel to optimize raw water quality include turbidity, pH, alkalinity, TOC, temperature, taste, and odor.

To facilitate watershed protection Breckenridge Water Department personnel, inspect the lake and watershed on a regular basis. By protecting the watershed the City makes an effort towards maximizing the quality and quantity of water available from the lake.