WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN

STEPHENS REGIONAL SPECIAL UTILITY DISTRICT

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STEPHENS REGIONAL SPECIAL UTILITY DISTRICT
WATER CONSERVATION PLAN

Section I. Declaration of Policy, Purpose and Intent

The purpose of the Water Conservation Plan (the 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 facilities operations, water quantity and quality, water conservation and non-point source protection.

Section II. Utility Profile Summary

The service area for the Stephens Regional Special Utility District (SRSUD) encompasses approximately 780 square miles in Stephens, Throckmorton, Eastland, Palo Pinto, and Shackelford Counties. The SRSUD holds certificate of convenience and necessity (CCN) number 11456 and is depicted in Appendix A. A more detailed utility profile is provided in Appendix B.

A. Population

The population of the service area served by the SRSUD water system in the year 2023 was approximately 2,579 water users. Table 1 provides population figures for retail water users served by the SRSUD for the previous five years.

Table 1: Population for SRSUD (2014-2018)

Year	Persons
2019	2,398
2020	2,468
2021	2,452
2022	2,489
2023	2,579
Source-2021 Regional Water Plan	

Table 2 depicts projected population figures for the SRSUD through the year 2060.

Table 2: Population for SRSUD (2030-2070)

Year	Persons
2030	2,565
2040	2,635
2050	2,715
2060	2,790
2070	2,945
Source-2021 Regional Water Plan	

B. Customer and Water Use Data

SRSUD water customers consist of a mixture of residential, commercial, industrial, institutional and agricultural users. At present (2023) the SRSUD provides water service to approximately 2,579 retail water users through approximately 1,649 retail service connections.

It should be noted that projected water demands presented herein are based on the average annual water use from SRSUD records, and population (as obtained from the 2021 Regional Water Plan) during the previous five-year period (2019-2023, see Appendix B). The average water use by SRSUD users during that period was 130,566,463 gallons per year and the average population was 2,477 persons giving an average per capita use of 144 gallons per capita per day (gpcd). To project water demand going forward, the population figures from the 2021 Regional Water Plan are multiplied by the per capita use rate for the previous five-year period. Table 3 depicts the projected population served by the system and the expected water demand over the next decade.

Table 3: Population and Water Use Projections for the SRSUD (2025-2034)

Year	Population (persons)	Water Use (gallons)
2025	2,517	132,267,240
2026	2,526	132,777,072
2027	2,536	133,286,904
2028	2,546	133,796,736
2029	2,555	134,306,568
2030	2,565	134,816,400
2031	2,572	135,184,320
2032	2,579	135,552,240
2033	2,586	135,920,160
2034	2,593	136,288,080
Source-2021 Regional Water Plan and Historic SRSUD Use Rates		

C. Water Supply System

1. Water Sources

The SRSUD purchases raw water from Possum Kingdom Lake from the Brazos River Authority (BRA) under water rights numbers 2463 and 4194 totaling 860 acre-feet per year. The SRSUD contracts for the purchase of treated water on an as-needed basis from the City of Breckenridge.

2. Water Treatment

The SRSUD Water Treatment Plant (WTP) is located on a 125-acre tract northeast of the City of Breckenridge. Raw water is supplied to the WTP through a 20" water line which terminates in a 16-acre-foot raw water terminal storage pond. The WTP utilizes two microfiltration (MF), and two reverse osmosis (RO) trains designed to produce 1.0 million gallons per day (MGD) of blended finished water. Blended finished water is disinfected with chloramines before being sent to the distribution for use by water customers. It is stored onsite at the WTP in a 500,000-gallon clearwell.

3. Water Distribution

After the water is processed at the treatment plant, it is pumped into the distribution system which is divided into four separate systems: north, south, east and west systems. The North System includes the North Pump Station which is located on the north side of Breckenridge along Highway 183. The North System also includes the 100,000-gallon Woodson Elevated Tank located in Woodson and a Woodson in-line booster pump station located south of Woodson. The North Pump Station includes a 2,500-gallon pressure tank, a 100,000 gallon ground storage tank and two pumps rated at 260 gpm and 210 feet of total dynamic head each.

The South System includes the South and Harpersville Pump Stations. The South Pump Station is located on the south side of Breckenridge along Highway 183 and provides refill supply to the Harpersville Pump Station. The Harpersville Pump Station is located eight miles south of Breckenridge along Highway 183. The South Pump Station has a 8,000-gallon pressure tank, an 110,000-gallon ground storage tank and three pumps rated at 500 gpm. The Harpersville Pump Station has two pumps rated at 160 gpm and 270 feet of total dynamic head, a 6,000-gallon pressure tank and a 40,000-gallon ground storage tank.

The East System is served by the high service pump station located at the water treatment plant. The high service pump station has a 10,000-gallon pressure tank and three pumps, two rated at 350 gpm and two rated at 700 gpm. The pump station also provides refill flows for the North Pump Station, South Pump Station and Necessity Pump Station, which is also located in the East System. The Necessity Station is located 8.5 miles southeast of Breckenridge along F.M. Highway 207 and has a 1,600-gallon pressure tank, a 26,000-gallon ground storage tank and two pumps rated at 315 head and 100 gpm.

The West System provides water for customers located west of Breckenridge primarily around Hubbard Creek Reservoir. The West System is currently served by the North Pump Station and WTP.

D. Wastewater System

The SRSUD does not provide wastewater utility services.

Section III. Water Conservation Goals

The 5- and 10-year goals for direct retail users supplied by the SRSUD is to maintain per capita use at or below 140 gpcd and 135 gpcd respectively. The 5- and 10-year goals for residential users supplied by the SRSUD is to maintain per capita residential use at or below 83 gpcd. The 5- and 10-year per capita water loss goals are to maintain per capita loss at or below 30 gpcd and 25 gpcd respectively. These goals are set in accordance with Texas Water Development Board's policies based on consideration of historic water use trends and Regional Water Planning Group projections (see Appendix C).

Section IV. Schedule for Implementation

The SRSUD 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 SRSUD staff on an on-going basis as budget permits.

D. The SRSUD will make available to the public material developed by the staff, materials obtained from the Texas Water Development Board, Texas Commission on Environmental Quality or other sources annually to all customers.

Section V. Method for Tracking Targets and Implementation

The SRSUD staff will track targets and goals by utilizing the following procedures:

A. Records will be maintained for meter calibration, meter testing, and meter replacement activities.

B. Annual water audits will be documented and maintained in the SRSUD files.

C. SRSUD staff will keep a record of the number of information web postings or mail-outs when distributed.

D. Records will be maintained for the SRSUD's Leak Detection Program.

By enacting this Plan the SRSUD expects to meet the water conservation goals as stated herein.

Section VI. Master Metering

It is SRSUD's 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. As meters age they will be systematically replaced to assure reliability of meter performance.

Section VII. Universal Metering

It is SRSUD's policy to individually meter all water usage, except for system flushing and filling of fire equipment, including all new construction within the SRSUD's service area.

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

It is SRSUD's policy to investigate customer complaints of low pressure and possible leaks. Additionally, SRSUD personnel monitor water consumption to detect meter readings that vary from previously established use patterns. Any meter found not to be functioning properly is identified for replacement.

The SRSUD 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 SRSUD segregates water sales and users into user classes of single family residential, multi-family residential, commercial, public/institutional, industrial, and agricultural users.

Section IX. Leak Detection and Repair

The SRSUD practices a leak detection and repair program involving visual inspections of the system and uses a detailed record management system to detect unusual water delivery rates. SRSUD 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.

Section X. Education and Information

SRSUD has available at their main office posted information, pre-printed brochures, etc. pertaining to water conservation, which water customers can view and pickup at their convenience. The District also holds monthly board meetings open to the public where questions and comments can be discussed pertaining to water conservation. In addition, the District periodically sends mail outs to its customers. The mail outs include information and educational tips pertaining to water conservation.

Section XI. Non-Promotional Water Rate Structure

SRSUD utilizes a water rate structure that promotes water conservation. The SRSUD periodically evaluates its water rate structure and adjusts costs and/or structure as needed to encourage water conservation. A copy of SRSUD's water rate structure is provided in Appendix E.

Section XII. Plumbing Codes

A. In 1991, the Texas Legislature passed legislation requiring that plumbing fixtures sold in Texas after January 1, 1992, meet certain standards. The legislation imposed requirements directly on the manufacturer, importers, and suppliers of new fixtures in Texas. The standards are:

1. Shower Heads: No more than 2.75 gallons per minute at 80 pounds per square inch of pressure.

2. Lavatory/Sink Faucets and Aerators: No more than 2.2 gallons per minute at 60 pounds per square inch of pressure.

3. Wall Mounted, Flushometer Toilets: No more than 2.0 gallons per flush.
4. All Other Toilets: No more than 1.6 gallons per flush.

5. Drinking Water Fountains: Must be self-closing.

Section XIII. Additional Wholesale Water Contract Requirements

The SRSUD will include in every wholesale water supply contract entered into after official adoption of the Plan 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. If the wholesale customer intends to resell the water, then the contract between SRSUD and the wholesale customer will 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 XIV. Public Input

The SRSUD Board of Directors (Board) meets in regular session each month. The agenda for each meeting is posted in accordance with the Texas Open Meetings Act. The posted agenda includes items for discussion and items for action. Meetings are open to the public and the public is afforded the opportunity to speak and voice their views and opinions.

Public Meetings will be held as needed for proposed projects, grant applications and other items. The public meetings will provide an opportunity for discussions and displays of citizen interest. Meetings may be held either during the regularly scheduled Board meetings or at special times established to maximize citizen input. Discussions will be informal to encourage public input.

Section XV. Enforcement Procedures and Plan Adoption

The Plan is enforced within the SRSUD service area by providing service taps only to customers complying with adopted water conservation policies, maintaining a non-declining rate structure, and discontinuing service to those customers who do not pay their water bills until payment is made. A copy of the measure adopting this Plan has been included in Appendix D.

Section XVI. Coordination with Region G Water Planning Group

All customers served by the SRSUD are located within the Region G Water Planning Area. SRSUD has provided a copy of this Plan to the Region G Planning Group. Correspondence with Region G Water Planning Group to that effect is provided in Appendix F.

Section XVII. Reservoir Operations Plan

The Brazos River Authority controls operation of Possum Kingdom Lake. As such, the SRSUD does not maintain a reservoir operation plan for Possum Kingdom Lake.

Section XVIII. Revisions to the Water Conservation Plan

The SRSUD will review and update this water conservation 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 every five (5) years. Additionally, annual implementation reports will be prepared and submitted by the SRSUD in accordance with reporting requirements.

Section XIX. Severability

It is hereby to be the intention of the SRSUD 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 SRSUD without the incorporation into this Plan of any such unconstitutional phrase, clause, sentence, paragraph or section.

STEPHENS REGIONAL SUD
DROUGHT CONTINGENCY PLAN

Section I. Declaration of Policy, Purpose and Intent

In order to conserve the available water supply and/or to protect the integrity of water supply facilities, with particular regard for domestic water use and sanitation, 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, SRSUD adopts the following Drought Contingency Plan.

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

Section II. Public Involvement

Opportunity for the public and wholesale water customers to provide input into the preparation of the Plan was provided by SRSUD by means of scheduling and providing notice of public meetings to accept input on the Plan.

Section III. Public Education

SRSUD will make available a copy of this Plan to be viewed by water customers at the District's main office, and will periodically provide 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. Information will be provided by the following means:

A. Posting the Notice of Drought Conditions at the District's office, local businesses and other locations accessible to the public.

B. Publishing notice of drought conditions in general circulation newspapers.

C. Direct mailing or articles in news letters to customers explaining the need for and provisions of the Plan which will include steps to be taken to insure compliance with the Plan.

D. The District website.

Section IV. Coordination with Regional Water Planning Group

The service area of the SRSUD is located within Region G Water Planning Area of the Brazos River Basin. The SRSUD has provided a copy of this Plan to the Region G Water Planning Group.

Section V. Authorization

The District, or its 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 President, or his/her designee, shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

Section VI. Application

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

Section VII Triggering Criteria for Initiation and Termination of Drought Response Stages

The President, or his/her designee, shall monitor water supply and/or demand conditions on a weekly basis and shall determine when conditions warrant initiation or termination of each stage of the Plan. SRSUD may decide not to order the implementation of a Drought Response Stage even though the trigger criteria for the stage are met. Factors which could influence such a decision include, but are not limited to, the time of the year, weather conditions, the anticipation of replenished water supplies or the anticipation that additional facilities will become available to meet needs. The reason for the decision should be documented. Each stage is determined by a reduction in water supply, and if in the case of an emergency, due to unprecedented water system damages, failures or water source contamination. Customer notification of the initiation or termination of drought response stages will be made by mail or telephone, and on the SRSUD website. Timely reports may be made to the news media as may be necessary. The District will notify Executive Director of TCEQ within five (5) business days of implementation.

A. Stage 1 - Mild Water Shortage Conditions

1. Requirements for Initiation

    a. Combined water storage in Lake Possum Kingdom, Lake Granbury, and 50,000 acre-feet of Lake Whitney as a combined system is below 80% storage capacity (561,290 acre-feet) and when reasonable estimates of current annual demands, coupled with inflows and evaporation representative of the drought of record, indicate that the combined system storage could be reduced to the Stage 2 System Storage Trigger or less during the next 12 months.

2. Requirements for Termination

    a. Requirements for termination - Stage 1 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 30 consecutive days. SRSUD will notify its customers and the media of the termination of Stage 1 in the same manner as the notification of initiation of Stage 1 of the Plan.

B. Stage 2 - Moderate Water Shortage Conditions

1. Requirements for Initiation SRSUD will recognize that a moderate water shortage condition exists when one or more of the following exists;

a. Combined water storage in Lake Possum Kingdom, Lake Granbury, and 50,000 acre-feet of Lake Whitney as a combined system is below 60% storage capacity (420,968 acre-feet) and when reasonable estimates of current annual demands, coupled with inflows and evaporation representative of the drought of record, indicate that the combined system storage could be reduced to the Stage 3 System Storage Trigger or less during the next 12 months.

b. When an unexpected condition has the potential to adversely affect the public health, welfare or safety.

2. Requirements for Termination

a. Requirements for termination - Stage 2 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 30 consecutive days. Upon termination of Stage 2, Stage 1 becomes operative. SRSUD will notify its customers and the media of the termination of Stage 2 in the same manner as the notification of initiation of Stage 1 of the Plan.

C. Stage 3 - Severe Water Shortage Conditions

1. Requirements for Initiation SRSUD will recognize that a severe water shortage condition exists when one or more of the following exists;

a. Combined water storage in Lake Possum Kingdom, Lake Granbury, and 50,000 acre-feet of Lake Whitney as a combined system is below 40% storage capacity (280,645 acre-feet) and when reasonable estimates of current annual demands, coupled with inflows and evaporation representative of the drought of record, indicate that the combined system storage could be reduced to the Stage 3 System Storage Trigger or less during the next 12 months.

b. When critical water supply infrastructure is damaged or otherwise rendered unable to meet projected demands due to natural disaster, power outage, structural failure, sabotage, or other reasons.

c. When an unexpected condition has the potential to adversely affect the public health, welfare or safety.

2. Requirements for Termination

a. Stage 3 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 30 consecutive days. Upon termination of Stage 3, Stage 2 becomes operative. SRSUD will notify its customers and the media of the termination of Stage 3 in the same manner as the notification of initiation of Stage 2 of the Plan.

D. Stage 4 – Emergency Water Shortage Conditions

1. Requirements for Initiation SRSUD will recognize that an emergency water shortage condition exists when any of the following occurs;

   a. Combined water storage in Lake Possum Kingdom, Lake Granbury, and 50,000 acre-feet of Lake Whitney as a combined system is below 20% storage capacity (140,323 acre-feet).

   b. When critical water supply infrastructure is damaged or otherwise rendered unable to meet projected demands due to natural disaster, power outage, structural failure, sabotage, or other reasons.

2. Requirements for Termination

   a. 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 30 consecutive days or upon determination that all conditions are back to normal. SRSUD will notify its customers and the media of the termination of Stage 4.

Section VIII. Drought Response Stages

The SRSUD 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 VIII of the Plan, shall determine that a mild, moderate, severe, or critical condition exists and shall implement the following actions:

A. Stage 1 - Mild Water Shortage Conditions

1. Goal: A*chieve a voluntary 5 percent reduction in daily water demand.*

2. Supply Management Measures The following measures are to be implemented directly by SRSUD to manage limited water supplies and/or reduce water demand: reduce flushing of water mains and reduce irrigation of public landscaped areas.

3. Voluntary Water Use Restrictions:

   a. Customers are requested to voluntarily limit the irrigation of landscaped areas to Sundays and Thursdays for customers with a street address or route address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address, or rural route address ending in an odd number (1, 3, 5, 7 or 9).

   b. Locations that do not have an address or a numerical address shall water on Sundays and Thursdays. 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. However, all watering should be prohibited between the hours of 11:00 a.m. and 6:00 p.m., due to high evaporation.

c. Customers should refrain from use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle except on designated watering day between the hours of 7:00 a.m. and 10:00 a.m. and between 5:00 p.m. and 8:00 p.m. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rinses. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public are contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.

d. Customers should refrain from use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or jacuzzi-type pools except on designated watering day between the hours of 7:00 a.m. and 10:00 a.m. and between 5:00 p.m. and 8:00 p.m.

e. Customers should refrain from operation of any ornamental fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life and where such fountains or ponds are equipped with a recirculation system.

f. Use of water from hydrants shall be limited to fire fill, related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated flush valves for construction purposes may be allowed under special permit from SRSUD.

g. All restaurants are requested to serve water only upon request of the patron.

h. Livestock watering tanks equipped with automatic or float valves should be monitored closely and filled by hand whenever possible.

i. The following uses of water are defined as non-essential and should be refrained from:

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

j. <u>Demand Management Measures:</u> The Board, or its designee(s), will provide timely reports to news media and/or the District website with information regarding current water supply and/or demand conditions, projected water supply and demand conditions

if drought conditions persist, and consumer information on water conservation measures and practices.

B. Stage 2 - Moderate Water Shortage Conditions

1. Target Water Use:

   a. The goal for water use reduction under this drought stage is to achieve a 10 percent reduction in daily water demand.

2. Supply Management Measures: The following measures are to be implemented directly by SRSUD to manage limited water supplies and/or reduce water demand: reduce flushing of water mains and reduce irrigation of public landscaped areas.

3. Water Use Restrictions:

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

      i. Water customers shall limit the irrigation of landscaped areas to Sundays and Thursdays for customers with a street address or route address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address, or rural route address ending in an odd number (1, 3, 5, 7 or 9). Locations that do not have an address or a numerical address shall water on Sundays and Thursdays. 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. However, all watering should be prohibited between the hours of 11:00 a.m. and 6:00 p.m., due to high evaporation.

      ii. Refrain from use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle except on designated watering day between the hours of 7:00 a.m. and 10:00 a.m. and between 5:00 p.m. and 8:00 p.m. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rinses. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public are contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.

      iii. Refrain from use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or jacuzzi-type pools except on designated watering day between the hours of 7:00 a.m. and 10:00 a.m. and between 5:00 p.m. and 8:00 p.m.

iv. Refrain from operation of any ornamental fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life and where such fountains or ponds are equipped with a recirculation system.

v. 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 SRSUD.

vi. All restaurants are prohibited from serving water to its patrons except when requested.

vii. Livestock watering tanks shall be filled by hand in lieu of automatic or float valves unless documentation can be provided in writing to the District certifying the customer is monitoring all automatic float or fill valve facilities on a daily basis. Further, in the event any customer and/or owner, lessee, renter, tenant, employee, or other responsible party is in violation of this policy, the customer is subject to immediate discontinuance of watering by means of automatic float or fill valve devices of any nature, and at the discretion of the Board of Directors of the District may be permitted to resume livestock watering by filling tanks by hand in lieu of automatic float, or fill valve devices. No leak allowance will be considered under any circumstances for facilities which have leaks as a result of the use of automatic float or fill valve devices.

viii. The following uses of water are defined as non-essential and are prohibited:

- wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;

- use of water to wash down buildings or structures for purposes other than immediate fire protection;

- use of water for dust control;

- flushing gutters or permitting water to run or accumulate in any gutter or street; and

- failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

4. Demand Management Measures: The Board, or its designee(s), will provide timely reports to news media and/or the District website with information regarding current water supply and/or demand conditions, projected water supply and demand conditions if drought conditions persist, and consumer information on water conservation measures and practices.

C. Stage 3 - Severe Water Shortage Conditions

1. Target Water Use:

   a. The goal for water use reduction under this drought stage is to achieve a 20 percent reduction in daily demand.

2. Supply Management Measures:

   a. The following measures are to be implemented directly by SRSUD to manage limited water supplies and/or reduce water demand: reduce flushing of water mains and reduce irrigation of public landscaped areas.

3. Water Use Restrictions:

   a. All requirements of Stage 2 shall remain in effect during Stage 3

   b. except:

      i. Irrigation of landscaped areas is absolutely prohibited.

      ii. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.

      iii. The filling, refilling, or adding of water to swimming pools, wading pools, and jacuzzi-type pools is prohibited.

      iv. Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life and where such fountains or ponds are equipped with a recirculation system.

      v. Livestock watering tanks shall be filled by hand in lieu of automatic or float valves. Exceptions may be allowed only if and when absolutely necessary, and (1) it is not possible to fill livestock tanks by hand and (2) documentation can be provided in writing to the District certifying the customer is monitoring all automatic float or fill valve facilities on a daily basis. Further, in the event any customer and/or owner, lessee, renter, tenant, employee, or other responsible party is in violation of this policy, the customer is subject to immediate discontinuance of watering by means of automatic float or fill valve devices of any nature, and at the discretion of the Board of Directors may be permitted to resume livestock watering by filling tanks by hand in lieu of automatic float, or fill valve devices. No leak allowance will be considered under any circumstances for facilities which have leaks as a result of the use of automatic float or fill valve devices.

      vi. The Board, or its designee(s), may at their discretion deny all applications for new, additional, expanded, or increased-in-size water service connections, meters, service lines, pipeline extension, mains, or water service facilities of any kind, and time limits for approval of such applications suspended for such time as this drought response state or a higher-numbered stage shall be in effect.

4. Demand Management Measures: The Board, or its designee(s), will provide timely reports to news media and/or the District website with information regarding current water supply and/or demand conditions, projected water supply and demand conditions if drought conditions persist, and consumer information on water conservation measures and practices.

D. Stage 4 - Emergency Water Shortage Conditions

1. Target Water Use:

a. The goal for water use reduction under this drought stage is to achieve a 30 percent reduction in total water use.

Whenever emergency water shortage conditions exist as defined in Section VIII of the Plan, the President shall

a. Assess the severity of the problem and identify the actions needed and time required to solve the problem.

b. If appropriate, notify city, county, and/or state emergency response officials for assistance.

c. Undertake necessary actions, including repairs and/or clean-up as needed.

d. If necessary, utilize the alternative water source from the City of Breckenridge with prior approval of the Executive Director of the TCEQ.

e. Prepare a post-event assessment report on the incident and critique of emergency response procedures and actions.

f. As applicable, terminate all uses of water for Interruptible Water Availability Agreements in the affected part of the system prior to and during any mandatory pro-rata curtailment of water use (Emergency Water Shortage Condition) under long-term contracts.

Section IX. Pro Rata Water Allocation

In the event that triggering criteria specified in Section VI of the Plan for Stage 2-4 have been met, the SRSUD 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. 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	6,000
3 or 4	7,000
5 or 6	8,000
7 or 8	9,000
9 or 10	10,000
11 or more	12,000

"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 SRSUD of a greater number of persons per household on a form prescribed by the Board or its designee(s). The Board or its designee(s) shall give its best effort to see that such forms are mailed, otherwise provided, or made available to every residential customer. If, however, a customer does not receive such a form, it shall be the customer's responsibility to go to the SRSUD offices to complete and sign the form claiming more than two (2) persons per household. New customers may claim more persons per household at the time of applying for water service on the form prescribed by the Board or its designee(s). When the number of persons per household increases so as to place the customer in a different allocation category, the customer may notify the SRSUD 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 SRSUD in writing within two (2) days. In prescribing the method for claiming more than two (2) persons per household, the Board or its designee(s) shall adopt methods to insure the accuracy of the claim. Any person who knowingly, recklessly, or with criminal negligence falsely reports the number of persons in a household or fails to timely notify the SRSUD of a reduction in the number of persons in a household shall be fined not less than $25.00.

Residential water customers shall pay the following surcharges:

1. $25.00 for the first 1,000 gallons over allocation
2. $30.00 for the second 1,000 gallons over allocation
3. $45.00 for the third 1,000 gallons over allocation
4. $45.00 for each additional 1,000 gallons over allocation-1st offense
5. $60.00 for each additional 1,000 gallons over allocation-2nd offense, 3rd offense- water may be disconnected. Reconnection fee $150.00

Surcharges shall be cumulative.

B. **Master-Metered Multi-Family Residential Customers:** Where applicable, the allocation to a customer billed from a master meter which jointly measures water to multiple permanent residential dwelling units (example: apartments, mobile homes) shall be allocated 6,000 gallons per month for each dwelling unit. It shall be assumed that such a customer's meter serves two dwelling units unless the customer notifies the SRSUD of a greater number on a form prescribed by the Board or its designee(s). The Board or its designee(s) shall give his/her best effort to see that such forms are mailed, otherwise provided, or made available to every such customer. If, however, a customer does

not receive such a form, it shall be the customer's responsibility to go to the SRSUD offices to complete and sign the form claiming more than two (2) dwellings. A dwelling unit may be claimed under this provision whether it is occupied or not. New customers may claim more dwelling units at the time of applying for water service on the form prescribed by the Board or its designee(s). If the number of dwelling units served by a master meter is reduced, the customer shall notify the SRSUD in writing within two (2) days. In prescribing the method for claiming more than two (2) dwelling units, the Board or its designee(s) shall adopt methods to insure the accuracy of the claim. Any person who knowingly, recklessly, or with criminal negligence falsely reports the number of dwelling units served by a master meter or fails to timely notify the SRSUD of a reduction in the number of persons in a household shall be fined not less than $25.00. Customers billed from a master meter under this provision shall pay the following monthly surcharges:

1. $25.00 for 1,000 gallons over allocation up through 1,000 gallons for each dwelling unit
2. $30.00, thereafter, for each additional 1,000 gallons over allocation up through a second 1,000 gallons for each dwelling unit
3. $45.00, thereafter, for each additional 1,000 gallons over allocation up through a third 1,000 gallons for each dwelling unit
4. $45.00 for each additional 1,000 gallons over allocation, 1st offense
5. $60.00 for each additional 1,000 gallons over allocation, 2nd offense, 3rd offense, Water may be disconnected. Reconnection fee $150.00

Surcharges shall be cumulative.

C. **Commercial Customers:** A monthly water allocation shall be established by the Board or its designee(s), for each nonresidential commercial customer other than an industrial customer who uses water for processing purposes. The non-residential customer's allocation shall be approximately 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. Provided, however, a customer, 50 percent of whose monthly usage is less than 10,000 gallons, shall be allocated 7,500 gallons. The Board or its designee(s) shall give its best effort to see that notice of each non-residential customer's allocation is mailed to such customer. If, however, a customer does not receive such notice, it shall be the customer's responsibility to contact the Board or its designee(s) to determine the allocation. Upon request of the customer or at the initiative of the Board or its designee(s), the allocation may be reduced or increased if, (1) the designated period does not accurately reflect the customer's normal water usage, (2) one nonresidential customer agrees to transfer part of its allocation to another nonresidential 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 Board or its designee(s). Nonresidential commercial customers shall pay the following surcharges:

1. $25.00 per thousand gallons for the first 1,000 gallons over allocation
2. $30.00 per thousand gallons for the second 1,000 gallons over allocation
3. $45.00 per thousand gallons for the third 1,000 gallons over allocation
4. $45.00 for each additional 1,000 gallons over allocation - 1st offense

5. $60.00 for each additional 1,000 gallons over allocation - 2nd offense; 3rd offense - water may be disconnected. Reconnection fee $150.00.

The surcharges shall be cumulative.

D. **Industrial Customers:** A monthly water allocation shall be established by the Board or its designee(s), for each industrial customer, which uses water for processing purposes. The industrial customer's allocation shall be approximately 90 percent of the customer's water usage baseline. Ninety (90) days after the initial imposition of the allocation for industrial customers, the industrial customer's allocation shall be further reduced to 85 percent of the customer's water usage baseline. The industrial customer's water use baseline will be computed on the average water use for the 12 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 12 months, 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. The Board or its designee(s) shall give its best effort to see that notice of each industrial customer's allocation is mailed to such customer. If, however, a customer does not receive such notice, it shall be the customer's responsibility to contact the SRSUD to determine the allocation, and the allocation shall be fully effective notwithstanding the lack of receipt of written notice. Upon request of the customer or at the initiative of the Board or its designee(s), the allocation may be reduced or increased, (1) if the designated period does not accurately reflect the customer's normal water use because the customer had shut down a major processing unit for repair or overhaul during the period, (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, (5) the customer agrees to transfer part of its allocation to another industrial customer, or (6) if other objective evidence demonstrates that the designated allocation is inaccurate under present conditions. A customer may appeal an allocation established hereunder to the Board or its designee(s). Industrial customers shall pay the following surcharges:

1. $25.00 per thousand gallons for the first 1,000 gallons over allocation
2. $30.00 per thousand gallons for the second 1,000 gallons over allocation
3. $45.00 per thousand gallons for the third 1,000 gallons over allocation
4. $45.00 for each additional 1,000 gallons over allocation - 1st offense
5. $60.00 for each additional 1,000 gallons over allocation - 2nd offense; 3rd offense - water may be disconnected. Reconnection fee $150.00

The surcharges shall be cumulative.

Section X. Enforcement

A. No person shall knowingly or intentionally allow the use of water from SRSUD 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 President or his/her designee(s), or his/her designee, in accordance with provisions of this Plan.

B. Any person who violates this Plan is guilty of a misdemeanor and, upon conviction shall be punished by a fine of not less than twenty-five dollars ($25.00) and not more than two-hundred dollars ($200.00). Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense. If a person is convicted of three or more distinct violations of this Plan, the President or his/her designee(s) 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 $150.00, and any other costs incurred by the SRSUD in discontinuing service. In addition, suitable assurance must be given to the Board or its designee(s) 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 SRSUD, in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violation occurred on the person's property shall constitute a rebuttable presumption that the person in apparent control of the property committed the violation, but any such person shall have the right to show that he/she did not commit the violation. Parents shall be presumed to be responsible for violations of their minor children and proof that a violation, committed by a child, occurred on property within the parents' control shall constitute a rebuttable presumption that the parent committed the violation, but any such parent may be excused if he/she proves that he/she had previously directed the child not to use the water as it was used in violation of this Plan and that the parent could not have reasonably known of the violation.

D. Any employee of the SRSUD, police officer, or other District employee designated by the Board or its designee(s), 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 county court on the date shown on the citation for which the date shall not be less than 3 days nor more than 5 days from the date the citation was issued. The alleged violator shall be served a copy of the citation. Service of the citation shall be complete upon delivery of the citation to the alleged violator, to an agent or employee of a violator, or to a person over 14 years of age who is a member of the violator's immediate family or is a resident of the violator's residence. The alleged violator shall appear in county court to enter a plea of guilty or not guilty for the violation of this Plan. If the alleged violator fails to appear in county 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 county court before all other cases.

Section XI: Variances

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

A. Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.

B. Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Plan shall file a petition for variance with the SRSUD within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the SRSUD 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 petitioner complies with this Resolution.

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 SRSUD shall be subject to the following conditions, unless waived or modified by the SRSUD Manager:

A. Variances granted shall include a timetable for compliance.

B. Variances 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. Modification, Deletion and Amendment

Modification to this Plan in any form shall be presented for public discussion and approved by the SRSUD Board in accordance with all State and local laws. The SRSUD will review and update this Drought Contingency Plan, as appropriate. As a minimum the Plan will be updated at regular five (5) year intervals.

Section XIV. Severability

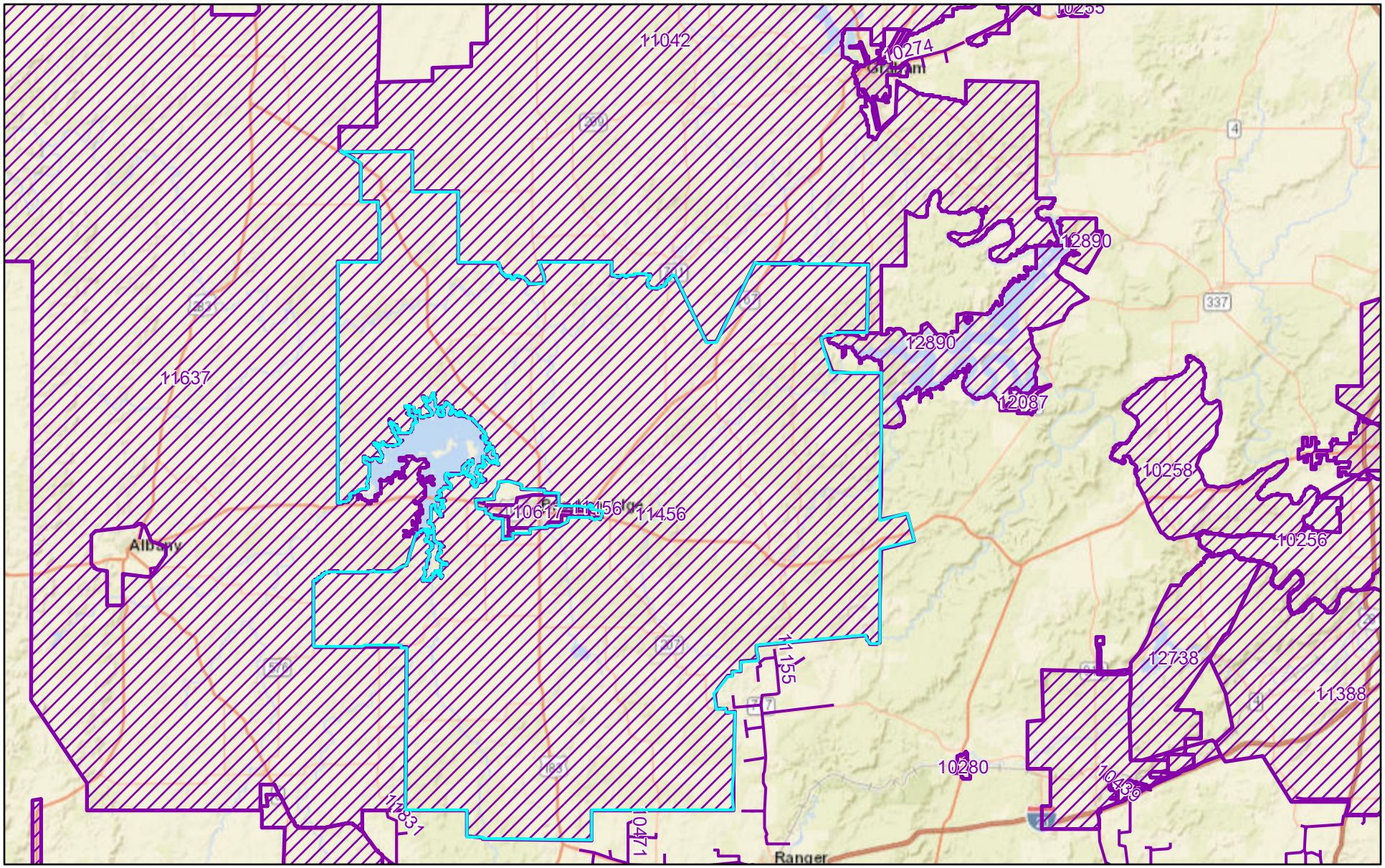
It is hereby declared to be the intention of the SRSUD that the sections, paragraphs, sentences, clauses, and phrases of this Plan are severable and, if any phrase, clause, sentence, paragraph, or section of this Plan shall be declared unconstitutional by the valid judgment or decree of any court of 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 SRSUD without the incorporation into this Plan of any such unconstitutional phrase, clause, sentence, paragraph, or section.

Appendix A

Service Area Map

SRSUD Service Area (CCN 11042)



March 21, 2019

Water CCN Facility Lines

Water CCN Service Areas

1:577,791

0 4.25 8.5 17 mi

0 5 10 20 km

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan,

Appendix B

Utility Profile for Municipal Water Providers

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

CONTACT INFORMATION

Name of Utility: STEPHENS REGIONAL SUD

Public Water Supply Identification Number (PWS ID): TX2150007

Certificate of Convenience and Necessity (CCN) Number: 11456

Surface Water Right ID Number: 2463, 4194

Wastewater ID Number:

Contact: First Name: Leshia Last Name: Brewster

Title: General Manager

Address: PO Box 1621 City: Breckenridge State: TX

Zip Code: 76424 Zip+4: 1621 Email: lbrewster@srsud.com

Telephone Number: 2545596180 Date: 1/22/2024

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

A. Population and Service Area Data

1. Current service area size in square miles: 780

Attached file(s):

File Name	File Description
Stephens Regional SUD CCN.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	2,579	0	0
2022	2,489	0	0
2021	2,452	0	0
2020	2,468	0	0
2019	2,398	0	0

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	2,565	0	0
2040	2,635	0	0
2050	2,715	0	0
2060	2,790	0	0
2070	2,945	0	0

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

2026 Regional Water Plan - Population Projections for 2030-2080
Municipal Water User Group Summary

Attached file(s):

File Name	File Description
RWP27_pop_SearchWUG.pdf	

Texas Water Development Board

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	115,556,345	21,429,293	0	136,985,638	146
2022	127,855,838	10,385,859	0	138,241,697	152
2021	129,155,330	0	0	129,155,330	144
2020	128,629,897	0	0	128,629,897	143
2019	119,819,753	0	0	119,819,753	137
Historic Average	124,203,433	6,363,030	0	130,566,463	144

C. Water Supply System

Attached file(s):

File Name	File Description
SRSUD Storage Capacity - Tank sizes.pdf	

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

2. Storage Capacity

   2a. Elevated storage in gallons: 100,000

   2b. Ground storage in gallons: 6,446,680

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	2,517	132,267,240
2026	2,526	132,777,072
2027	2,536	133,286,904
2028	2,546	133,796,736
2029	2,555	134,306,568
2030	2,565	134,816,400
2031	2,572	135,184,320
2032	2,579	135,552,240
2033	2,586	135,920,160
2034	2,593	136,288,080

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

2021 Regional Water Plan - Water Demand Projections for 2020-2070
Municipal Water User Group Summary in Acre-Feet

Attached file(s):

File Name	File Description
demand_MunWUG_Search.pdf	

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
MM Terry Ranch Ltd	Agricultural	1,769,400	Treated
Mack, Andy	Agricultural	1,036,200	Treated
MM Terry Ranch Ltd	Agricultural	1,004,500	Treated
MM Terry Ranch Ltd	Agricultural	884,000	Treated
Gloc Stimulation	Agricultural	883,400	Treated

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

Customer	Water Use Category	Annual Water Use	Treated or Raw

F. Utility Data Comment Section

Additional comments about utility data.

Top 5 Users/Connections attached.

Attached file(s):

File Name	File Description
Top 5 Users 2023.pdf	

Texas Water Development Board

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	1,480	89.75 %
Residential - Multi-Family	11	0.67 %
Industrial	5	0.30 %
Commercial	78	4.73 %
Institutional	2	0.12 %
Agricultural	73	4.43 %
Total	1,649	100.00 %

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

	Net Number of New Retail Connections						
Year	**Residential - Single Family**	**Residential - Multi-Family**	**Industrial**	**Commercial**	**Institutional**	**Agricultural**	**Total**
2023	29	0	0	2	0	3	34
2022	50	0	0	0	0	0	50
2021	25	1	0	0	0	6	32
2020	26	0	0	1	0	4	31
2019	20	0	0	0	0	3	23

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	74,928,800	679,800	1,086,000	2,999,500	345,800	8,919,900	88,959,800
2022	73,801,100	768,300	1,006,300	2,004,000	337,100	9,905,800	87,822,600
2021	62,059,200	467,600	1,070,800	1,527,100	292,200	7,042,200	72,459,100
2020	66,693,200	1,175,500	981,500	2,021,800	132,400	8,697,800	79,702,200
2019	61,100,800	426,800	1,199,100	1,678,400	319,400	7,642,000	72,366,500

C. Residential Water Use

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

Year	Total Residential GPCD
2023	90
2022	91
2021	72
2020	83
2019	79
Historic Average	83

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	5,415,300	5,310,500	4,049,800	5,216,000	4,781,200
February	5,264,900	4,528,200	6,189,600	3,554,900	3,736,400
March	4,350,200	5,468,500	3,791,500	4,649,000	4,084,100
April	5,475,700	6,255,300	4,987,300	4,306,800	5,971,300
May	7,809,300	6,987,800	4,460,700	6,869,500	4,057,400
June	4,981,700	9,524,800	5,990,500	8,932,200	4,518,800
July	11,454,300	10,701,400	6,893,500	9,595,700	8,632,600
August	12,151,400	13,381,900	10,292,400	9,654,600	10,252,100
September	12,630,600	7,127,400	9,016,900	9,723,700	8,506,500
October	9,129,000	7,174,200	5,805,800	6,379,800	8,944,900
November	5,170,500	5,373,000	4,842,200	5,041,900	4,702,600
December	5,126,900	5,989,600	6,138,900	5,778,100	4,178,600
Total	88,959,800	87,822,600	72,459,100	79,702,200	72,366,500

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					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
Total					

3. Summary of seasonal and annual water use.

	Summer RETAIL (Treated + Raw)	Total RETAIL (Treated + Raw)
2023	28,587,400	88,959,800
2022	33,608,100	87,822,600
2021	23,176,400	72,459,100
2020	28,182,500	79,702,200
2019	23,403,500	72,366,500
Average in Gallons	27,391,580.00	80,262,040.00

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	36,309,154	39	29.80 %
2022	34,232,686	38	30.95 %
2021	40,335,127	45	36.67 %
2020	19,300,721	21	29.45 %
2019	22,356,433	26	26.51 %
Average	30,506,824	34	30.68 %

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	243,725	310732	1.2749
2022	240,609	365305	1.5183
2021	198,518	251917	1.2690
2020	218,362	306331	1.4029
2019	198,264	254385	1.2831

G. Summary of Historic Water Use

Water Use Category	Historic Average	Percent of Connections	Percent of Water Use
Residential - Single Family	67,716,620	89.75 %	84.37 %
Residential - Multi-Family	703,600	0.67 %	0.88 %
Industrial	1,068,740	0.30 %	1.33 %
Commercial	2,046,160	4.73 %	2.55 %
Institutional	285,380	0.12 %	0.36 %
Agricultural	8,441,540	4.43 %	10.52 %

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:

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

Water Use Category	Metered	Unmetered	Total Connections	Percent of Total Connections
Municipal			0	0.00 %
Industrial			0	0.00 %
Commercial			0	0.00 %
Institutional			0	0.00 %
Agricultural			0	0.00 %
Total			0	100.00 %

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

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					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
Total					

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	8,029,474
Chlorination/de-chlorination	
Industrial	
Landscape irrigation (park,golf courses)	0
Agricultural	
Discharge to surface water	
Evaporation Pond	
Other	
Total	8,029,474

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 Plan Goals Formulation

Texas Water Development Board

WATER CONSERVATION GOALS FOR RETAIL WATER SUPPLIER

CONTACT INFORMATION

Name of Utility: STEPHENS REGIONAL SUD

Public Water Supply Identification Number (PWS ID): TX2150007

Certificate of Convenience and Necessity (CCN) Number: 11456

Surface Water Right ID Number: 2463, 4194

Wastewater ID Number:

Contact: First Name: Leshia Last Name: Brewster

Title: General Manager

Address: P.O. Box 1621 City: Breckenridge State: TX

Zip Code: 76424 Zip+4: Email: lbrewster@srsud.com

Telephone Number: 2545596180 Date:

Is this person the designated Conservation Coordinator? (●) Yes ( ) No

Regional Water Planning Group: G

Groundwater Conservation District:

Our records indicate that you:

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

	Historic 5 Year Average	Baseline	5-Year Goal for Year 2029	10-Year Goal for Year 2034
Water Loss (GPCD)	144	144	140	135
Residential GPCD	83	83	83	83
Water Loss (GPCD)	34	34	30	25
Water Loss Percentage	24.00%	24.00%	21.00%	19.00%

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

Appendix D

Resolution Adopting the Water Conservation and Drought Contingency Plan

RESOLUTION FOR ADOPTION OF THE STEPHENS REGIONAL SPECIAL UTILITY DISTRICT WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN
RESOLUTION NO. 2024-03

A RESOLUTION OF THE STEPHENS REGIONAL SPECIAL UTILITY DISTRICT (SRSUD) ADOPTING A WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN FOR THE SRSUD

WHEREAS, the members of the Board of Directors recognize that the amount of water available to the SRSUD and its water utility customers is limited and subject to depletion during periods of extended drought; and

WHEREAS, the members of the Board of Directors 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 SRSUD, the Board of Directors 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 DIRECTORS OF THE SRSUD:

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 SRSUD.

SECTION 2. That the President of the Board of Directors 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 DIRECTORS OF THE SRSUD, ON THIS 22nd day of February 2024.

President of the Board of Directors

ATTESTED TO:

Secretary

STEPHENS REGIONAL SPECIAL UTILITY DISTRICT
A POLITICAL SUBDIVISION OF THE STATE OF TEXAS

Appendix E

SRSUD Water Rate Structure

Rates & Policies

Listed below, you will find our current rates effective January 1, 2024. If you do not find the information you need, please contact our office and we will provide it for you.

NOTE: In addition to the Monthly Service Charges, please refer to the Welcome and Information for New Applicants under the Forms and Reports tab for additional fees associated with a New Meter Installations and other customer related fees.

Current Standard Residential Service Rates - Effective until December 31, 2023

Monthly Minimum:	$71.50
Tier (gal.):	**$/1,000 gal.:**
up to 5,000 gallons	$8.00
5,001 to 15,000 gallons	$8.65
15,001 to 25,000 gallons	$9.80
25,001 to 40,000 gallons	$10.65
40,001 gallons & Up	$11.50

Our customer's water meters are read each month. Please contact our office for any additional information.

Average Billing Examples

2,000	$87.50
5,000	$111.50
10,000	$154.75
25,000	$296.00
30,000	$349.25

*A state fee of .5% will be added each billing cycle to the total of the Monthly Minimum and Water Charges.

Appendix F

Coordination with
Region G Water Planning Group

January 24, 2024

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

Re: Updated Water Conservation and Drought Contingency Plan for the SRSUD
PWS 1110001

Dear Ms. Hannemann:

Enclosed for your use please find copies of the recently updated Water Conservation and Drought Contingency Plans for the SRSUD (SRSUD). 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 (325) 698-5560.

Sincerely,

Enprotec/Hibbs & Todd, Inc.

Colden Rich, P.E.

Encl:

cc: SRSUD (3 copies)
Texas Water Development Board; P.O. Box 13231; Austin, TX 78711-3231
Texas Commission on Environmental Quality, Water Availability Division, Resource Protection Team, MC-160, P.O. Box 13087, Austin, Texas, 78711-3087