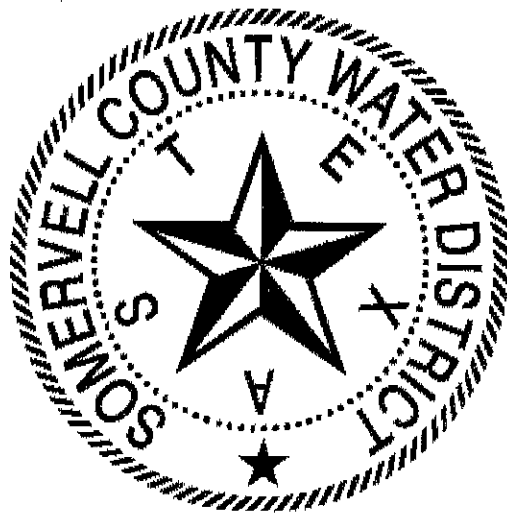


# SOMERVELL COUNTY WATER DISTRICT



## **Water Conservation and Drought Contingency Plan**

Prepared by:

**Somervell County Water District**

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## **1.0 INTRODUCTION AND OBJECTIVES**

Water supply has always been a key issue in the development of Texas. In recent years, growing population and economic development have led to increasing demands for water supplies. At the same time, easily available supplies are largely in use. Development of additional supplies to meet higher demands will be expensive and challenging. It is therefore important that Texans make efficient use of existing supplies. This will delay the need for new supplies, minimize the associated environmental impacts, and delay expenditures for additional water supply facilities.

Recognizing the need for efficient use of existing water supplies, the Texas Commission on Environmental Quality (TCEQ) and the Texas Water Development Board (TWDB) have developed rules governing the development of water conservation and drought contingency plans for public water suppliers. The Somervell County Water District (SCWD) has developed this *Water Conservation and Drought Contingency Plan* following these rules. This plan replaces the District's *Water Conservation and Drought Contingency Plan* dated May 2019.

The objectives of the water conservation plan are as follows:

- To reduce water consumption from the levels that would prevail without conservation efforts.
- To reduce the loss and waste of water.
- To improve efficiency in the use of water.
- To extend the life of current water supplies by reducing the rate of growth in demand.

The objectives of the Drought Contingency Plan are discussed in Section 11.

## **2.0 STATE AGENCY REQUIREMENTS FOR WATER CONSERVATION PLANS**

The Texas Commission on Environmental Quality rules governing development of water conservation plans for public water suppliers are contained in Title 30, Part 1, Chapter 288, Subchapter A, Rule 288.2 of the Texas Administrative Code. For the purpose of these rules, a water conservation plan is defined as “A strategy or combination of strategies for reducing the volume of water withdrawn from a water supply source, for reducing the loss or waste of water, for maintaining or improving the efficiency in the use of water, for increasing the recycling and reuse of water, and for preventing the pollution of water.”

The TWDB rules governing development of water conservation plans for public water suppliers are contained in Title 31, Part 10, Chapter 363, Subchapter A, Rule 363.15 of the Texas Administrative Code.

This plan addresses the requirements in the TCEQ and TWDB rules.

### **3.0 WATER UTILITY PROFILE AND DESCRIPTION OF SERVICE AREA**

The Somervell County Water District was created by the 69th Texas Legislature in 1985 as a conservation and reclamation district. The District's service area includes all of Somervell County, which is located about 50 miles southwest of the Dallas-Fort Worth Metroplex. Until 2011, the municipal water needs of the County were being met by groundwater. However, the groundwater level has been rapidly declining in recent years. The District has developed a surface water supply system for Somervell County.

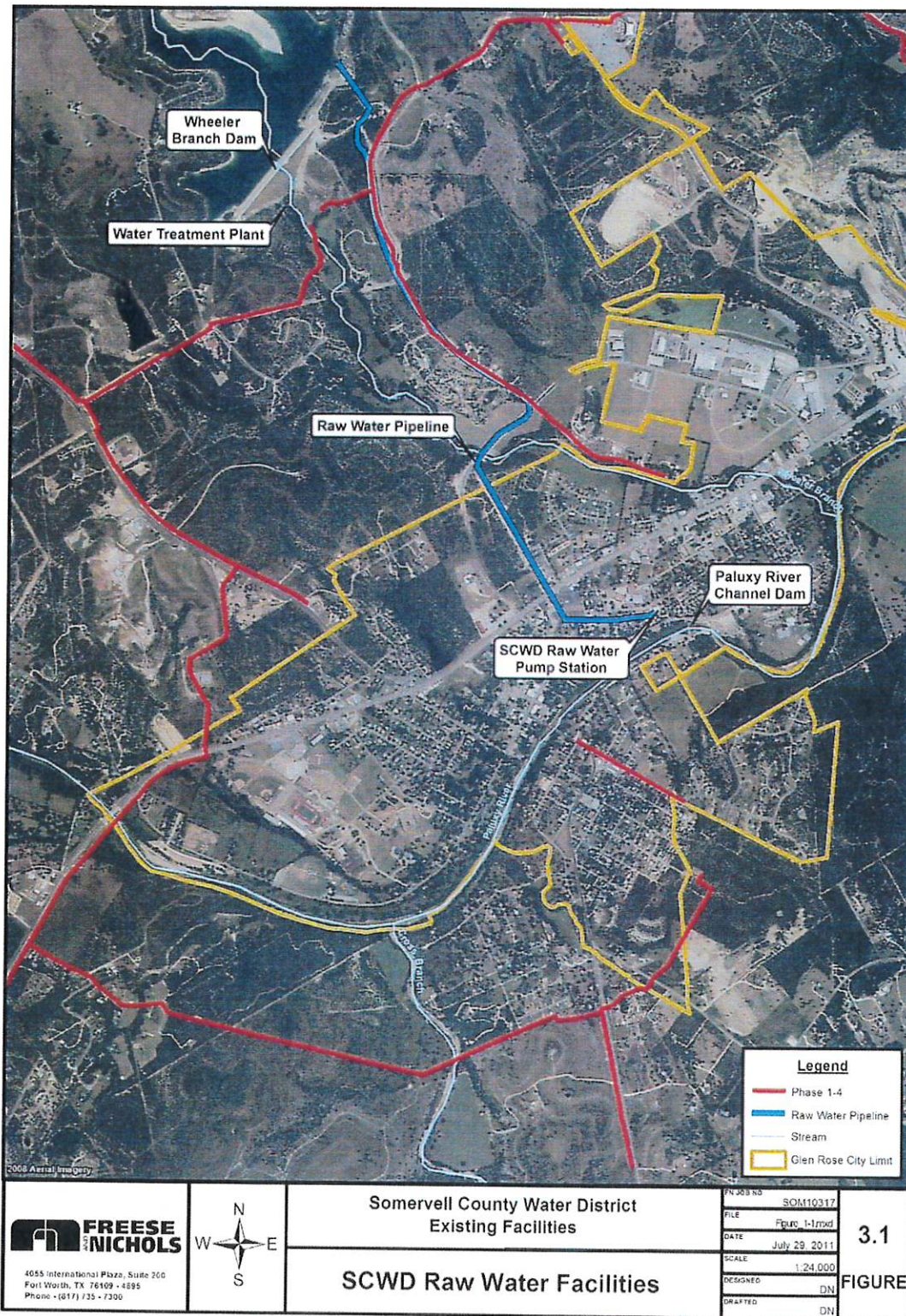
The District has completed facilities for raw water supply and recreational use and water treatment and transmission facilities. An 8-foot high channel dam on the Paluxy River within the City of Glen Rose provides head for diversions from the Paluxy River. Water diverted from the Paluxy River is pumped to a storage reservoir located on Wheeler Branch approximately 2 miles northwest of Glen Rose. The top of conservation level for Wheeler Branch Reservoir is at 785 feet above mean sea level, and the reservoir has a storage capacity of 4,118 acre-feet. The natural drainage area to this dam is only 1.6 square miles, so the majority of the water stored in the reservoir will be pumped from the Paluxy River. Figure 3.1 shows the District's raw water supply facilities.

The District provides treated water to the City of Glen Rose on a wholesale basis and serves rural Somervell County as a retail supplier. The District also provides commercial supplies to the Comanche Peak Steam Electric Station for potable water. The population of Somervell County was 9,482 in 2020, and the amount of water used for municipal purposes was estimated to be 1,593 acre-feet. This is approximately 150 gallons per person per day (gpcd) (TWDB Water Use Survey). Table 3.1 shows the projected population for the county, and Table 3.2 shows the projected dry-year municipal water use. The projected population growth and water use are based on figures projected for the 2026 Brazos G Regional Water Plan.

Somervell County Water District's Water Conservation Utility Profile has been completed and submitted via the water loss, use and conservation (LUC) online reporting program.



Figure 3.1 - Somervell County Water District Raw Water Facilities



**Table 3.1: Projected Population Breakdown of Somervell County**

	2030	2040	2050	2060	2070	2080
Glen Rose	2,776	2,805	2,905	2,890	2,872	2,853
SCWD Service Area	5,630	5,820	5,897	5,853	5,804	5,748
Somervell County - Other	1,407	1,455	1,474	1,463	1,450	1,436
<b>Total County Population</b>	<b>9,813</b>	<b>10,140</b>	<b>10,276</b>	<b>10,206</b>	<b>10,126</b>	<b>10,037</b>

Source – Brazos G Water Planning Group

**Table 3.2: Projected Dry Year Municipal Water Use in Glen Rose and Somervell County Service Area (Acre-Feet per Year)**

	2030	2040	2050	2060	2070	2080
Glen Rose	603	621	629	626	622	618
SCWD Service Area	884	913	925	916	907	897
Somervell County - Other	166	171	173	172	171	169
<b>Total County Demand</b>	<b>1,653</b>	<b>1,705</b>	<b>1,727</b>	<b>1,714</b>	<b>1,700</b>	<b>1,684</b>

Source – Brazos G Water Planning Group

The per capita use for the SCWD retail service area has ranged from a high of 133 gallons per capita per day (2020) to a low of 114 gallons per capita per day (2023), averaging 123 gallons per capita over the last five years.

The District is providing water for potable supply to Comanche Peak Steam Electric Station, located in northern Somervell County. The commercial demand for the Comanche Peak Steam Electric Station is 11,699,000 gallons per year. (This does not include power plant cooling water, which is not provided by the District.) The water supplied by the District is used for potable supply at the power plant.

Figure 3.2 shows the water treatment and transmission system as it is currently designed. The District’s system will be developed over time, and it is likely that the final design may differ from the current concept shown in Figure 3.2.

The City of Glen Rose owns and operates the only wastewater treatment facility in the County. Over the past several years, the City of Glen Rose’s wastewater treatment plant has consistently discharged an average of 0.35 mgd. Since the remainder of the County is served by individual septic systems, there is no return flow in the rural portions of the County.







## 4.0 SPECIFICATION OF WATER CONSERVATION GOALS

TCEQ and TWDB rules require the adoption of specific water conservation goals for a water conservation plan. These must include 5-year and 10-year goals for total and residential per capita use. The goals for this water conservation plan include the following:

- Maintain the per capita municipal water use below the specified amount in gallons per capita per day in a dry year, as shown in the completed Table 4.1.
- Maintain the level of water loss in the system below 19 percent annually, as discussed in Section 5.4. (The Somervell County Water System is still under expansion and will always be a rural system with relatively long distances between customers. This makes it challenging to maintain low water loss.)
- Implement and maintain a program of universal metering and meter replacement and repair, as discussed in Section 5.2.
- Raise public awareness of water conservation and encourage responsible public behavior by a public education and information program, as discussed in Section 6.

**Table 4.1: Five-Year and Ten-Year Goals**

Description	Current 5-Year Average	Highest Recent Year (2019-2023)	5-Year Goal	10-Year Goal
SCWD Total GPCD	123	133	135	134
SCWD Residential GPCD	79	102	80	80
SCWD Water Loss GPCD	11	13	25	20
SCWD Water Loss %	9	17	19	18
Glen Rose Total GPCD	159	159	158	157
Glen Rose Residential GPCD	78	82	77	76
Glen Rose Water Loss GPCD	18	24	17	16
Glen Rose Water Loss %	11	14	11	10

\*all numbers are based on TWDB water conservation reports

\*Averages are based on number of years available in TWDB water conservation reports

## **5.0 METERING, WATER USE RECORDS, CONTROL OF UNACCOUNTED WATER, AND LEAK DETECTION AND REPAIR**

One of the key elements of water conservation is tracking water use and controlling losses through illegal diversions and leaks. It is important to carefully meter water use, detect and repair leaks in the distribution system and provide regular monitoring of unaccounted water.

### **5.1 ACCURATE METERING OF RAW WATER PUMPING**

Raw water pumping from Wheeler Branch Lake by Somervell County Water District (SCWD) will be metered by the District using meters with accuracy of  $\pm$  five percent. These meters will be calibrated annually by SCWD to maintain the required accuracy.

### **5.2 METERING OF CUSTOMER AND PUBLIC USES AND METER TESTING, REPAIR, AND REPLACEMENT**

Water delivered to all wholesale and retail customers, including public and governmental users, will be metered. SCWD will meter deliveries to all of its retail and wholesale customers. Any wholesale customers that do not currently meter all of their water deliveries will be required to implement a program to meter all water deliveries within five years of beginning deliveries from SCWD.

SCWD will replace all retail customer meters on a minimum of a 15-year cycle. Wholesale customers that do not currently have a meter testing and replacement program should implement such a program within the five years of beginning deliveries from SCWD.

### **5.3 RECORD MANAGEMENT SYSTEM**

As required by TAC Title 30, Part 1, Chapter 288, Subchapter A, Rule 288.2(a)(2)(B), the SCWD record management system allows for the separation of water sales into residential, commercial, public/institutional, and industrial categories.

### **5.4 DETERMINATION AND CONTROL OF WATER LOSS**

Flow meters will be used to measure and account for all water diverted from the District's water supply. All water sales will be metered in order to record the amount of water used. The District recognizes the importance of metering and of keeping meters checked and maintained for accuracy. This will require the installation and maintenance of the proper metering equipment by the District and its wholesale customers. Water meters will be required to measure in accordance with American Water Works

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Association (AWWA) Standards with an accuracy tolerance not to exceed five percent. Meters are to be calibrated by their owner with the other party having the right to be present during the calibration.

The District will meter all water used, whether for individual customer use, wholesale customer use, or for use by the District. The District will periodically test these meters for accuracy and will have a meter replacement program for meters as they exceed their useful age as recommended by AWWA.

The District will periodically perform water balances to determine if there are any excessive losses that would indicate leaks in the system or unaccounted-for uses which might indicate water theft. The District will seek to minimize water losses through these water balances, through periodic visual inspections along the transmission and distribution lines, and by utilizing, if necessary, the conservation services of the Texas Water Development Board (TWDB) and the Texas Rural Water Association (TRWA). The District will provide technical assistance to any water customers through these same agencies. The TRWA provides water audits and leak detection services to rural users.

## **5.5 LEAK DETECTION AND REPAIR**

SCWD crews and personnel will look for and report evidence of leaks in the water distribution system. Areas of the water distribution system in which numerous leaks and line breaks occur will be targeted for replacement as funds are available. SCWD will utilize leak detection meter reading software.

## **5.6 WATER CONSERVATION IMPLEMENTATION REPORT**

The TCEQ requires an annual water conservation implementation report, which is due by May 1 of every year, starting in the year 2010. This report is to list the various water conservation strategies that have been implemented, including the date the strategy was implemented. The report must also include the five-year and ten-year per capita water use goals from the previous water conservation plan and indicate whether or not these goals have been met. The amount of water saved by conservation measures is also requested. TWDB requires an annual report on progress on implementing each of the minimum requirements in the water conservation plan and the status of customers' water conservation plan that are required by contract. SCWD will provide these annual reports as required.

## **5.7 SCHEDULE FOR WATER CONSERVATION PLAN IMPLEMENTATION**

Continuing public education efforts began in 2008. These efforts include:

- Information included in bill stuffers, handouts, school tours and through the districts website (<http://www.scwd.com/>)
- Conservation-oriented rates for retail customers.
- Wholesale contracts and agreements with retail customers allow for enforcement of the Water Conservation and Drought Contingency Plan.
- Metering, record management, unaccounted water control, and leak detection and repair.

## **6.0 CONTINUING PUBLIC EDUCATION AND INFORMATION PROGRAM**

The Somervell County Water District's continuing public education and information campaign on water conservation will include the following elements:

- Provide water conservation education materials produced by the TWDB and TCEQ to the public at the District office.
- Provide water conservation education messages through the District's website (<http://www.scwd.com/>).
- Insert water conservation information with water bills. Inserts will include material obtained from the TWDB, the TCEQ, and other sources.
- Encourage local media coverage of water conservation issues and the importance of water conservation.
- Notify local organizations, schools, and civic groups that District staff are available to make presentations on the importance of water conservation and ways to save water.
- Promote the Texas Smartscape web site ([www.txsmartscape.com](http://www.txsmartscape.com)) and provide water conservation brochures and other water conservation materials available to the public at the District offices and through the District's website.
- Make information on water conservation available on its website and include links to the Texas Smartscape website and to information on water conservation on the TWDB and TCEQ web sites and other resources.

## 7.0 WATER RATE STRUCTURE

The District has an increasing block rate water structure for residential and commercial customers that is intended to encourage water conservation and discourage excessive use and waste of water. The water rate structure is as follows:

- Monthly minimum charge - \$15 for residential meters (5/8", 3/4"), \$37.50 for a (1") residential meter, \$37.50-\$750 for commercial and larger meters (1"-8").
- Residential Volume Charge
  - 0-15,000 gallons - \$2.75 per thousand
  - 15,000 gallons to 25,000 gallons - \$3.75 per thousand
  - 25,000 gallons to 100,000 gallons - \$4.75 per thousand
  - 100,000 gallons or more - \$5.25 per thousand
- Commercial\Industrial Volume Charge
  - 0-20,000 gallons - \$3.00 per thousand
  - 20,000 gallons to 50,000 gallons - \$4.00 per thousand
  - 50,000 gallons to 100,000 gallons - \$5.00 per thousand
  - 100,000 gallons or more - \$6.00 per thousand



## **8.0 OTHER WATER CONSERVATION MEASURES**

### **8.1 RESERVOIR SYSTEM OPERATION**

The Somervell County Water District stores water in Wheeler Branch Reservoir, with the channel dam on the Paluxy River providing head to allow pumping from the river during high flows. As the District develops additional sources of supply in the future, it will consider and implement reservoir system operation to optimize water supplies.

### **8.2 ORDINANCES, PLUMBING CODES, OR RULES ON WATER-CONSERVING FIXTURES**

The state has required water-conserving fixtures in new construction and renovations since 1992. The state standards call for flows of no more than 2.5 gallons per minute (gpm) for faucets, 2.5 gpm for showerheads, and 1.6 gallons per flush for toilets. Similar standards are now required nationally under federal law. These state and federal standards assure that all new construction and renovations will use water-conserving fixtures. As of January 2014, Texas law mandates that all toilets sold, offered for sale or distributed must be a dual flush toilet that may not exceed 1.28 gallons per flush on average or for one full flush<sup>(9)</sup>.

### **8.3 REQUIREMENT FOR WATER CONSERVATION PLANS BY WHOLESALE CUSTOMERS**

Every contract for the wholesale sale of water that the District enters into, renews, or extends after the adoption of this water conservation plan will include a requirement that the wholesale customer and any wholesale customers of that wholesale customer develop and implement a water conservation plan meeting the requirements of Title 30, Part 1, Chapter 288, Subchapter A, Rule 288.2 of the Texas Administrative Code <sup>(1)</sup> and Title 31, Part 10, Chapter 363, Subchapter A, Rule 363.15 of the Texas Administrative Code <sup>(4)</sup>. The requirement will also extend to each successive wholesale customer in the resale of the water.

### **8.4 COORDINATION WITH REGIONAL WATER PLANNING GROUP**

SCWD will send this Water Conservation, Drought Contingency and Water Emergency Response Plan to the chair of the Brazos regional water planning group.

## **9.0 IMPLEMENTATION AND ENFORCEMENT OF THE WATER CONSERVATION PLAN**

Appendix A contains a copy of a resolution by the Somervell County Water District's board adopting the model water conservation plan. The resolution designates the District's General Manager as the responsible official to implement and enforce the water conservation plan.

## **10.0 REVIEW AND UPDATE OF THE WATER CONSERVATION PLAN**

TCEQ requires that the water conservation plans be updated every five years. The plan will be updated as required and as appropriate based on new or updated information.

## **11.0 SOMERVELL COUNTY WATER DISTRICT DROUGHT CONTINGENCY PLAN**

### **11.1 INTRODUCTION**

The purpose of this drought contingency and water emergency response plan is as follows:

- To conserve the available water supply in times of drought and emergency
- To maintain supplies for domestic water use, sanitation, and fire protection
- To protect and preserve public health, welfare, and safety
- To minimize the adverse impacts of water supply shortages
- To minimize the adverse impacts of emergency water supply conditions.

A drought is defined as an extended period of time when an area receives insufficient amounts of rainfall to replenish the water supply, causing water supply sources, in this case a reservoir, to be depleted. In the absence of drought response measures, water demands tend to increase during a drought due to the need for additional outdoor irrigation. The severity of a drought depends on the degree of depletion of supplies and on the relationship of demand to available supplies.

### **11.2 STATE REQUIREMENTS FOR DROUGHT CONTINGENCY PLANS**

This Drought Contingency and Water Emergency Response Plan is consistent with Texas Commission on Environmental Quality guidelines and requirements for the development of drought contingency plans for public water suppliers, contained in Title 30, Part 1, Chapter 288, Subchapter B, Rule 288.20 of the Texas Administrative Code.<sup>(2)</sup> This rule is contained in Appendix B. The plan is also consistent with the Texas Water Development Board requirements in Title 31, Part 10, Chapter 363, Subchapter A, Rule 363.15 of the Texas Administrative Code.

### **11.3 PROVISIONS TO INFORM THE PUBLIC AND OPPORTUNITY FOR PUBLIC INPUT**

The Somervell County Water District provided opportunity for public input in the development of this Drought Contingency and Water Emergency Response Plan by the following means:

- Providing written notice of the proposed plan and the opportunity to comment on the plan in a posted notice and on the District's web site.

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- Making the draft plan available on the District's web site.
- Providing the draft plan to anyone requesting a copy.
- Holding a Board meeting at the District's offices on May 13, 2024.

#### **11.4 PROVISIONS FOR CONTINUING PUBLIC EDUCATION AND INFORMATION**

The District will inform and educate the public about the Drought Contingency and Water Emergency Response Plan by the following means:

- Preparing a bulletin describing the plan and making it available at the District offices.
- Making the plan available to the public through the District's web site.
- Including information about the Drought Contingency and Water Emergency Response Plan on the District's web site.
- Including periodic comments about the plan in customer bills.
- Notifying local organizations, schools, and civic groups that staff are available to make presentations on the Drought Contingency and Water Emergency Response Plan.

At any time that the Drought Contingency and Water Emergency Response Plan is activated or the drought stage or water emergency response stage changes, the District will notify local media of the issues, the drought response stage or water emergency response stage (if applicable), and the specific actions required of the public. The information will also be publicized on the District's web site. Billing inserts will also be used as appropriate.

#### **11.5 INITIATION AND TERMINATION OF DROUGHT OR WATER EMERGENCY RESPONSE STAGES**

##### Initiation of a Drought or Water Emergency Response Stage

The District's General Manager or official designee may order the implementation of a drought or water emergency response stage when one or more of the trigger conditions for that stage is met. The following actions will be taken when a drought or water emergency response stage is initiated:

- The public will be notified through local media and the District's web site.

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- Wholesale customers will be notified by e-mail with a follow-up letter or fax that provides details of the reasons for initiation of the drought/water emergency response stage.
- If any mandatory provisions of the Drought Contingency and Water Emergency Response Plan are activated, the District will notify the Executive Director of the TCEQ within 5 businessdays.

The General Manager may decide not to order the implementation of a drought response stage or water emergency even though one or more of 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 this decision should be documented.

Termination of a Drought/Water Emergency Response Stage

The General Manager may order the termination of a drought or water emergency response stage when the conditions for termination are met or at their discretion. The following actions will be taken when a drought or emergency response stage is terminated:

- The public will be notified through local media and the District's web site.
- Wholesale customers will be notified by e-mail with a follow-up letter or fax.
- If any mandatory provisions of the drought contingency and water emergency response plan that have been activated are terminated, the District will notify the Executive Director of the TCEQ within 5 business days.

The General Manager may decide not to order the termination of a drought or water emergency response stage even though the conditions for termination of the stage are met. Factors which could influence such a decision include, but are not limited to, the time of the year, weather conditions, or the anticipation of potential changed conditions that warrant the continuation of the drought stage. The reason for this decision should be documented.

**11.6 DROUGHT CONTINGENCY AND WATER EMERGENCY RESPONSE STAGES AND MEASURES**

The General Manager shall monitor water supply conditions and shall determine when conditions warrant initiation or termination of each stage of the plan. Customer notification of the initiation or termination of drought response stages will be made by mail and/or telephone. The news media will also be informed.

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The triggering criteria described below are based on water contracts and demands placed on the District's water supply system and on drought of record determinations for the Wheeler Branch Reservoir.

Stage 1 - Mild Water Shortage Conditions

Requirement for initiation - The District may recognize that mild water shortage conditions exist when one or more of the following conditions is met:

- The content of Wheeler Branch Reservoir is equal to or less than 75 percent of total capacity.
- The total daily water demand of all customers combined equals or exceeds 85 percent of the capacity of the water treatment plant for 5 consecutive days or 90 percent on a single day.
- Water demand is projected to approach the limit of the permitted supply.
- Water demand for all or part of the District's delivery system approaches delivery capacity because delivery capacity is inadequate.
- The District's supply source becomes contaminated.
- A system outage due to failure of major water system components makes mild water shortage conditions appropriate.
- The General Manager or official designee finds that initiation of mild water shortage conditions is appropriate.

Requirement for termination - Termination of the mild water shortage condition and corresponding measures will take place when conditions that initiated the mild water shortage condition have ceased to exist for a period of thirty (30) consecutive days.

Goals and measures for Stage 1 – The goals of Stage 1, mild water shortage conditions, are to inform the District's customers and the general public of the situation, encourage the wise use of water and reduce water use by at least 2 percent from levels that would otherwise occur. The General Manager may order the implementation of any or all of the actions listed below, as deemed necessary:

- Allow wholesale customers the option of utilizing backup groundwater wells.
- Initiate 100% usage of SCWD backup groundwater wells.
- Request voluntary reductions in water use by the public and by wholesale customers.
- Inform its wholesale customers of the drought condition by mail and telephone.



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- Notify wholesale customers of actions being taken and request implementation of similar procedures.
- Increase public education efforts on ways to reduce water use.
- Review the problems that caused the initiation of Stage 1.
- Initiate engineering studies to evaluate alternatives should conditions worsen.
- Intensify efforts on leak detection and repair.
- Notify major water users and work with them to achieve voluntary water use reductions.
- Inform its retail customers by local news media, its web site, inserts in water bills, and other methods.
- Discuss the drought condition and its impact on the water supply situation with wholesale customers.
- Discuss the drought condition and its impact on the water supply situation in the news media.
- Advise its wholesale customers of the reservoir elevations weekly.

Stage 2 - Moderate Water Shortage Conditions

Requirement for initiation - The District may recognize that moderate water shortage conditions exist when one or more of the following conditions is met:

- The content of Wheeler Branch Reservoir is equal to or less than 66 percent of total capacity.
- The total daily water demand of all customers combined equals or exceeds 90 percent of the capacity of the water treatment plant for 5 consecutive days or 95 percent on a single day.
- Water demand is projected to approach the limit of the permitted supply.
- Water demand for all or part of the District's delivery system approaches delivery capacity because delivery capacity is inadequate.
- The District's supply source becomes contaminated.
- A system outage due to failure of major water system components makes moderate water shortage conditions appropriate.
- The General Manager or official designee finds that initiation of moderate water shortage conditions is appropriate.

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Requirement for termination - Termination of the moderate water shortage condition and corresponding measures will take place when conditions that initiated the moderate water shortage condition have ceased to exist for a period of thirty (30) consecutive days.

Goals and measures for Stage 2 - The goals of Stage 2, moderate water shortage conditions, are to inform the District's customers and the general public of the situation, encourage the wise use of water, and reduce water use by at least 5 percent from levels that would otherwise occur. If circumstances warrant, the General Manager or official designee can set a goal for greater water use reduction. The General Manager or official designee may order the implementation of any or all of the actions listed below, as deemed necessary. Measures described as "requires notification to TCEQ" impose mandatory requirements on customers. The supplier must notify TCEQ and TWDB within five business days if these measures are implemented:

- Continue or initiate any measures listed under Stage 1.
- Require wholesale customers to utilize any backup groundwater wells available.
- Inform its wholesale customers by mail and by telephone that the drought has reached the moderate trigger level. This information will be given at weekly intervals as long as the moderate drought condition continues.
- Inform local new media that the drought has reached the moderate trigger level. This information will be given at weekly intervals as long as the moderate drought condition continues.
- Encourage the public to wait until the current drought or emergency situation has passed before establishing new landscaping.
- Further accelerate public education efforts on ways to reduce water use.
- **Requires Notification to TCEQ** – During the moderate water shortage conditions, the District may curtail water delivered to its customers on a pro-rata basis, if necessary.
- The District may request its municipal customers to implement voluntary lawn irrigation restrictions through the media. The District itself will use the media to inform the general public of the need to curtail outdoor water use.
- The District may request its municipal customers to prohibit such other non-essential outdoor uses as car washing, filling of swimming pools, etc.
- The District may request its municipal customers to halt non-essential city government water use. (Examples include street cleaning, vehicle washing, operation of ornamental fountains, etc.

Stage 3 - Severe Water Shortage Conditions

Requirements for initiation - The District may recognize that severe water shortage conditions exist when one or more of the following conditions is met:

- The content of Wheeler Branch Reservoir is equal to or less than 50 percent of total capacity.
- The total daily water demand of all customers combined equals or exceeds 95 percent of the capacity of the water treatment plant for 5 consecutive days or 100 percent on a single day.
- Water demand is projected to approach or exceed the limit of the permitted supply.
- The District's water demand exceeds the amount that can be delivered to customers.
- The District's water demand for all or part of the delivery system seriously exceeds delivery capacity because the delivery capacity is inadequate.
- The District's supply source becomes contaminated.
- A system outage due to failure of major water system components makes severe water shortage conditions appropriate.
- The General Manager or official designee finds that initiation of severe water shortage conditions is appropriate.
- The Governor of Texas declares the county to be in a State of Emergency concerning water supply.

Requirement for termination - Termination of the severe water shortage condition and corresponding measures will take place when reservoir capacity or demand conditions that initiated the severe water shortage condition have ceased to exist for a period of thirty (30) consecutive days, or when the State of Emergency declared by the Governor has been lifted.

Goals and measures for Stage 3 - The goals of Stage 3, severe water shortage conditions, are to inform the District's customers and the general public of the situation, encourage the wise use of water, preserve water for critical uses, and reduce water use by at least 10 percent from levels that would otherwise occur. If circumstances warrant, the General Manager or official designee can set a goal for greater water use reduction. The General Manager or official designee may order the implementation of any or all of the actions listed below, as deemed necessary. Measures described as "requires notification to TCEQ" impose mandatory requirements on customers. The District must notify TCEQ and TWDB within five business days if these measures are implemented:

Somervell County Water District

- Continue or initiate any measures listed under Stages 1 and 2.
- Inform its wholesale customers by mail and by telephone that the drought has reached the severe trigger level. This information will be given at weekly intervals as long as the moderate drought condition continues.
- Notify wholesale customers of actions being taken and require them to implement similar procedures.
- Inform local news media that the drought has reached the severe trigger level. This information will be given at weekly intervals as long as the severe drought condition continues.
- Encourage the public to wait until the current drought or emergency situation has passed before establishing new landscaping.
- Further accelerate public education efforts on ways to reduce water use.
- **Requires Notification to TCEQ** – During the severe water shortage conditions, the District may curtail water delivered to its customers on a pro-rata basis, if necessary.
- Implement viable alternative water supply strategies.
- **Requires Notification to TCEQ** – Initiate mandatory water use restrictions as follows:
  - Prohibit hosing of paved areas, buildings, or windows. (Pressure washing of impervious surfaces is allowed.)
  - Prohibit operation of all ornamental fountains or other amenity impoundments to the extent they use treated water.
  - Prohibit washing or rinsing of vehicles by hose except with a hose end cutoff nozzle.
  - Prohibit using water in such a manner as to allow runoff or other waste.
- **Requires Notification to TCEQ** – Prohibit commercial and residential landscape watering, except that foundations and trees may be watered for 2 hours on any day with a hand-held hose, drip irrigation or a soaker hose.
- **Requires Notification to TCEQ** – Limit landscape watering with sprinklers or irrigation systems at each service address to once every seven days. Exceptions are as follows:
  - Foundations, new landscaping, new plantings (first year) of shrubs, and trees may be watered for up to 2 hours on any day by a hand-held hose, a soaker hose, or a dedicated zone using a drip irrigation system.
  - Golf courses may water greens and tee boxes without restrictions.

Somervell County Water District

- Public athletic fields used for competition may be watered twice per week.
- Locations using other sources of water supply for irrigation may irrigate without restrictions.
- **Requires Notification to TCEQ** - Initiate a rate surcharge for all water use over a certain level.
- **Requires Notification to TCEQ** – Prohibit watering of golf courses using treated water, except as needed to keep greens and tee boxes alive.

Stage 4 - Emergency Water Shortage Conditions

The failure of a major component of any of the pump stations or the treatment plant or any significant impairment to the water quality of Wheeler Branch Reservoir may have a significant impact on the supply of water to the District's customers. However, the supply restriction will tend to be of short duration in this situation. In the event of an emergency condition, the District will notify its customers of the water supply situation and make such operational changes it finds necessary while the emergency condition exists. Customers will be notified when the situation has been rectified and the system is fully operational.

**11.7 PROCEDURES FOR GRANTING VARIANCES TO THE PLAN**

The General Manager may grant temporary variances for existing water uses otherwise prohibited under this plan if one or more of the following conditions are met:

- 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.
- 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.
- 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 Somervell County Water District within 5 days after the plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the General Manager and shall include the following:

- Name and address of the petitioner(s).
- Purpose of water use.

Somervell County Water District

- Specific provision(s) of the plan from which the petitioner is requesting relief.
- Detailed statement as to how the specific provision of the plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Ordinance.
- Description of the relief requested.
- Period of time for which the variance is sought.
- 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 data.
- Other pertinent information.

Variations granted by the Somervell County Water District shall be subject to the following conditions, unless waived or modified by the General Manager:

- Variations granted shall include a timetable for compliance.
- 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.

### **11.8 PRO RATA WATER ALLOCATION**

If the Somervell County Water District curtails water deliveries on a pro rata basis under Stage 2, 3, or 4 of this plan, the District shall proceed in accordance with Texas Water Code Section 11.039. Any wholesale water contracts entered into shall contain a provision that in case of a shortage of water resulting from drought, the water to be distributed shall be allocated in accordance with Texas Water Code 11.039.

### **11.9 PROCEDURES FOR ENFORCING MANDATORY WATER USE RESTRICTIONS**

Mandatory water use restrictions may be imposed in Stage 2, Stage 3 and Stage 4 drought contingency and water emergency response stages. Appendix G contains a copy of the Somervell County Water District Board resolution adopting the *Water Conservation and Drought Contingency Plan*.

Somervell County Water District

### **11.10 COORDINATION WITH THE REGIONAL WATER PLANNING GROUPS**

Appendix F includes a copy of a letter sent to the Chair of the Brazos G Regional Water Planning Group with this *Water Conservation and Drought Contingency Plan*.

### **11.11 REVIEW AND UPDATE OF DROUGHT CONTINGENCY AND WATER EMERGENCY RESPONSE PLAN**

As required by TCEQ rules, the Somervell County Water District will review the drought contingency and water emergency response plan every five years. The *Water Conservation and Drought Contingency Plan* will be updated as appropriate based on new or updated information.



**APPENDIX A**

**SOMERVELL COUNTY WATER DISTRICT BOARD RESOLUTION  
ADOPTING THIS WATER CONSERVATION AND DROUGHT  
CONTINGENCY PLAN**

**APPENDIX A**

**SOMERVELL COUNTY WATER DISTRICT**

**RESOLUTION NO. 24-11**

**May 13, 2024**

The following Resolution was adopted by the Somervell County Water Board on the above date:

**BE IT ORDERED AND RESOLVED THAT THE BOARD OF DIRECTORS TO HEREBY ADOPT THE WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN FOR THE SOMERVELL COUNTY WATER DISTRICT.**

WHEREAS, the Board recognizes that the amount of water available to the Somervell County Water District and to its future wholesale and retail customers is limited and subject to depletion during periods of extended drought;

WHEREAS, the Somervell County Water District recognizes that natural limitations due to drought conditions and other acts of God cannot guarantee an uninterrupted water supply for all purposes;

WHEREAS, Section 11.1271 of the Texas Water Code and applicable rules of the Texas Commission on Environmental Quality require that a water right holder of 1,000 acre-feet per year or more for municipal, industrial, and other uses prepare a water conservation plan;

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

WHEREAS, Section 11.039 of the Texas Water Code authorizes water suppliers to distribute available water supplies on a pro rata basis during times of water supply shortage; and

WHEREAS, as authorized under law, and in the best interests of the customers of the Somervell County Water District, the Board 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 SOMERVELL COUNTY WATER DISTRICT:**

**SECTION 1.** That the previously adopted May 2019 Revised Water Conservation and Drought Contingency Plans are hereby repealed and that the Water Conservation and Drought Contingency Plan attached hereto is hereby adopted as the official policy of the Somervell County Water District.

**SECTION 2.** That the General Manager is hereby directed to implement, administer, and enforce the Water Conservation and Drought Contingency Plan and to grant variances to the plan as described therein.

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

DULY PASSED BY THE BOARD OF DIRECTORS OF THE SOMERVELL COUNTY WATER DISTRICT ON THIS 13<sup>TH</sup> DAY OF MAY, 2024.

Voting for:

7

Voting against:

\_\_\_\_\_

Abstaining:

\_\_\_\_\_

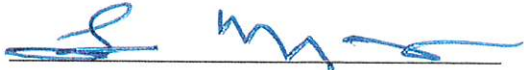
Absent, not voting:

\_\_\_\_\_



Vice President, Board of Directors

ATTESTED TO:



Secretary, Board of Directors

**APPENDIX B**  
**WATER CONSERVATION UTILITY PROFILE**

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### CONTACT INFORMATION

Name of Utility: SOMERVELL COUNTY WATER DISTRICT - WHEELER

Public Water Supply Identification Number (PWS ID): TX2130042

Certificate of Convenience and Necessity (CCN) Number: 12895, 13156

Surface Water Right ID Number: 5744-A

Wastewater ID Number:

Contact: First Name: Kevin Last Name: Taylor  
 Title: General Manager

Address: P.O. Box 1386 City: Glen Rose State: TX  
 Zip Code: 76043 Zip+4: 1386 Email: ktaylor@scwd.com  
 Telephone Number: 2548974141 Date: 4/22/2024

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: 186

Attached file(s):

File Name	File Description
SCWDSserviceArea.pdf	scwdservicearea



## 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	3,816	3,864	0
2022	3,273	3,465	0
2021	3,138	3,669	0
2020	2,574	3,669	0
2019	2,301	3,669	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	5,630	2,776	0
2040	5,820	2,805	0
2050	5,897	2,905	0
2060	5,853	2,890	0
2070	5,804	2,872	0

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

Source: Brazos G Water Planning Group

Attached file(s):

File Name	File Description
SCWD Serviv Policy.pdf	

## 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
2023	182,521,042	0	23,536,072	158,984,970	
2022	190,187,375	0	35,332,665	154,854,710	
2021	196,049,622	0	57,113,226	138,936,396	
2020	206,986,146	0	81,856,713	125,129,433	
2019	220,529,288	0	124,510,020	96,019,268	
Historic Average	199,254,695	0	64,469,739	134,784,955	

### C. Water Supply System

1. Designed daily capacity of system in gallons 2,500,000
2. Storage Capacity
  - 2a. Elevated storage in gallons: 250,000
  - 2b. Ground storage in gallons: 750,000



## 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	4,146	211,860,600
2026	4,446	227,190,600
2027	4,746	242,520,600
2028	5,046	257,850,600
2029	5,346	273,180,600
2030	5,646	288,510,600
2031	5,946	303,840,600
2032	6,246	319,170,600
2033	6,546	334,500,600
2034	6,846	349,830,600

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

Population and water use estimates were developed using the 2026 Regional Water Plan and SCWD utility records. Retail population growth estimated by using actual retail connection count in April of 2024 and current trend of 100 connections per year at 3 customers per connection. Gallons estimated by using planning estimate of 140 GPCD that Brazos G used in 2026 preliminary plan.

### 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
EFH-Luminant	Commercial	11,699,000	Treated
Tres Rios	Commercial	2,521,000	Treated
Dinosaur Valley RV	Commercial	1,779,000	Treated
Briley	Commercial	1,590,000	Treated
Girl Scouts	Commercial	1,044,000	Treated

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

Customer	Water Use Category	Annual Water Use	Treated or Raw
City of Glen Rose	Municipal	23,489,000	Treated



## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### F. Utility Data Comment Section

Additional comments about utility data.

Data from SCWD records.

### 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	1,272	95.21 %
Residential - Multi-Family	0	0.00 %
Industrial	0	0.00 %
Commercial	59	4.42 %
Institutional	5	0.37 %
Agricultural	0	0.00 %
<b>Total</b>	<b>1,336</b>	<b>100.00 %</b>

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

Year	Net Number of New Retail Connections						Total
	Residential - Single Family	Residential - Multi-Family	Industrial	Commercial	Institutional	Agricultural	
2023	102	0	0	5	0	0	107
2022	101	0	0	2	0	0	103
2021	153	0	0	9	0	0	162
2020	110	0	0	5	1	0	116
2019	85	0	0	3	0	0	88

## 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	
2023	118,935,000	0	0	27,552,000	1,887,000	0	1
2022	112,113,000	0	0	26,969,000	753,000	0	1
2021	75,191,082	0	0	28,012,004	473,000	0	1
2020	70,924,051	0	0	25,469,000	616,000	0	
2019	49,311,000	0	0	22,034,000	800,000	0	

### C. Residential Water Use

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

Year	Total Residential GPCD
2023	102
2022	94
2021	66
2020	75
2019	59
Historic Average	79



## 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	9,335,000	8,951,000	5,477,000	5,114,000	4,858,000
February	6,286,000	6,372,000	7,615,019	4,815,000	3,996,000
March	6,161,000	7,395,000	5,536,000	4,536,000	4,014,036
April	9,383,000	11,088,000	8,061,003	4,770,000	4,723,001
May	9,417,000	11,057,000	5,546,012	9,630,996	4,448,000
June	11,482,000	15,966,000	8,189,000	9,243,000	6,671,000
July	20,280,000	21,257,000	10,617,000	10,318,015	7,556,000
August	26,716,000	19,778,000	11,062,000	15,504,000	9,859,040
September	18,227,000	10,592,000	12,852,000	8,514,040	9,139,000
October	12,513,000	12,311,000	10,131,000	9,293,000	7,597,000
November	8,647,000	7,440,000	7,498,000	5,434,000	4,693,077
December	7,325,000	5,961,000	6,949,000	4,886,000	3,791,000
<b>Total</b>	145,772,000	138,168,000	99,533,034	92,058,051	71,345,154



## 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	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0
<b>Total</b>	0	0	0	0	0

3. Summary of seasonal and annual water use.

	Summer RETAIL (Treated + Raw)	Total RETAIL (Treated + Raw)
<b>2023</b>	58,478,000	145,772,000
<b>2022</b>	57,001,000	138,168,000
<b>2021</b>	29,868,000	99,533,034
<b>2020</b>	35,065,015	92,058,051
<b>2019</b>	24,086,040	71,345,154
<b>Average in Gallons</b>	40,899,611.00	109,375,247.80



## 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	4,319,645	3	2.72 %
2022	5,345,964	5	4.26 %
2021	5,996,882	5	6.08 %
2020	12,087,851	13	16.10 %
2019	7,271,379	9	17.21 %
Average	7,004,344	7	9.27 %

### 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	399,375	635630	1.5916
2022	378,542	619576	1.6367
2021	272,693	324652	1.1905
2020	252,213	381141	1.5112
2019	195,466	261804	1.3394

### G. Summary of Historic Water Use

Water Use Category	Historic Average	Percent of Connections	Percent of Water Use
Residential - Single Family	85,294,826	95.21 %	76.02 %
Residential - Multi-Family	0	0.00 %	0.00 %
Industrial	0	0.00 %	0.00 %
Commercial	26,007,200	4.42 %	23.18 %
Institutional	905,800	0.37 %	0.81 %
Agricultural	0	0.00 %	0.00 %

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### H. System Data Comment Section

Data from SCWD Records.

### 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 %
<b>Total</b>			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					
<b>Total</b>					

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



## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### C. Wastewater System Data Comment

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

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**APPENDIX C**

**LETTER TO BRAZOS G REGIONAL WATER PLANNING GROUP**

Somervell County Water District

## APPENDIX C

### Letter to Brazos G Regional Water Planning Group

April 22, 2024

Brazos G Water Planning Group  
Brazos River Authority  
P.O. Box 7555  
Waco, TX 76714

Dear Sir:

Enclosed please find a copy of the *Water Conservation and Drought Contingency Plan* for the Somervell County Water District. We are submitting a copy of this model plan to the Brazos G Water Planning Group in accordance with Texas Water Development Board and Texas Commission on Environmental Quality rules. The Board of the Somervell County Water District will adopt the *Water Conservation and Drought Contingency Plan* on May 13, 2024.

Sincerely,



Kevin Taylor

General Manager

## **APPENDIX D**

### **Water Conservation Implementation Report Form and Summary of Updates/Revisions to Water Conservation Plan (TCEQ Form 20645)**

# Texas Commission on Environmental Quality

Water Availability Division  
MC-160, P.O. Box 13087 Austin, Texas 78711-3087  
Telephone (512) 239-4600, FAX (512) 239-2214

## WATER CONSERVATION IMPLEMENTATION REPORT FORM AND SUMMARY OF UPDATES/REVISIONS TO WATER CONSERVATION PLAN

(Texas Water Code §11.1271(b) and Title 30 Texas Administrative Code §288.30(1) to (4))

Please note, this form replaces the following forms: TCEQ-20645 (Non-Public Water Suppliers) and TCEQ-20646 (Public Water Suppliers)

This Form is applicable to the following entities:

1. Water Right Holders of 1,000 acre-feet or more for municipal, industrial, and other non-irrigation uses.
2. Water Right Holders of 10,000 acre-feet or more for irrigation uses.

The above noted entities are required by rule to submit updates to their water conservation plan(s) and water conservation implementation report(s) every five years beginning May 1, 2009. See 30 Texas Administrative Code (TAC) §288.30(1) to (4). Entities must also submit any revisions to their water conservation plan within 90 days of adoption when the plans are revised in between the five-year submittal deadlines. This form may be used for the five-year submittal or when revisions are made to the water conservation plans in the interim periods between five-year submittals. Please complete the form as directed below.

1. Water Right Holder Name: Somervell County Water District
2. Water Right Permit or Certificate Nos. 5744

3. Please Indicate by placing an 'X' next to all that Apply to your Entity:

Water Right Holder of 1,000 acre-feet or more for non-irrigation uses

     Municipal Water Use by Public Water Supplier

     Wholesale Public Water Supplier

     Industrial Use

     Mining Use

     Agriculture Non-Irrigation

Water Right Holder of 10,000 acre-feet or more for irrigation uses

     Individually-Operated Irrigation System

     Agricultural Water Suppliers Providing Water to More Than One User

### Water Conservation Implementation Reports/Annual Reports

4. Water Conservation Annual Reports for the previous five years were submitted to the Texas Water Development Board (TWDB) for each of the uses indicated above as required by 30 TAC §288.30(10)(C)? Yes  No

TCEQ no longer requires submittal of the information contained in the detailed implementation report previously required in Forms TCEQ-20645 (Non-Public Water Suppliers) and TCEQ-20646 (Public Water Suppliers). However, the Entity must be up-to-date on its Annual Report Submittals to the TWDB.

Water Conservation Plans

5. For the five-year submittal (or for revisions between the five-year submittals), attach your updated or revised Water Conservation Plan for each of the uses indicated in Section 3, above. Every updated or revised water conservation plan submitted must contain each of the minimum requirements found in the TCEQ rules and must be duly adopted by the entity submitting the water conservation plan. Please include evidence that each water conservation plan submitted has been adopted.

- Rules on minimum requirements for Water Conservation Plans can be found in 30 TAC Chapter 288.  
[http://texreg.sos.state.tx.us/public/readtac%24ext.ViewTAC?tac\\_view=4&ti=30&pt=1&ch=288](http://texreg.sos.state.tx.us/public/readtac%24ext.ViewTAC?tac_view=4&ti=30&pt=1&ch=288)
- Forms which include the minimum requirements and other useful information are also available to assist you. Visit the TCEQ webpage for Water Conservation Plans and Reports. [https://www.tceq.texas.gov/permitting/water\\_rights/wr\\_technical-resources/conserv.html](https://www.tceq.texas.gov/permitting/water_rights/wr_technical-resources/conserv.html)

Call 512-239-4600 or email to [wcp@tceq.texas.gov](mailto:wcp@tceq.texas.gov) for assistance with the requirements for your water conservation plan(s) and report(s).

6. For each Water Conservation Plan submitted, list dates and descriptions of the conservation measures implemented, and the actual amount of water saved.

Water Conservation Measures:	
* Water Conservation Pricing	
* Metering Upgrades	
* Water Audit	
* Multiple Annual GRISD Class Presentations	
* Ongoing Website Water Conservation Tips	
* Monthly Billing Conservation reminders	
* Daily Water Conservation handouts at Administrative Office	
Total Estimated Water Saved:	7,200,000 Gallons
Total Estimated Dollar Amount Saved:	\$14,400

7. For each Water Conservation Plan submitted, state whether the five and ten-year targets for water savings and water loss were met in your *previous* water conservation plan.

Yes  No

If the targets were not met, please provide an explanation as to why any of the targets were not met, including any progress on that particular target.

All of the District's 5-year averages met our targets from our 2019 Water Conservation Plan.
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8. For each five-year submittal, does each water conservation plan submitted contain *updated* five and ten-year targets for water savings and water loss?  
Yes  No

If yes, please identify where in the water conservation plan the updated targets are located (page, section).

Page 4-1 of the SCWD 2024 Water Conservation Plan.

9. In the box below (or in an attachment titled "Summary of Updates or Revisions to Water Conservation Plans), please identify any other revisions/updates made to each water conservation plan that is being updated or revised. Please specify the water conservation plan being updated and the location within the plan of the newly adopted updates or revisions.

Major Revisions to the SCWD 2019 Water Conservation Plan are contained on Page 4-1 of the SCWD 2024 Water Conservation Plan.

10. Form Completed by (Point of Contact): Kevin Taylor  
(If different than name listed above, owner and contact may be different individual(s)/entities)
- Contact Person Title/Position: Kevin Taylor / General Manager
- Contact Address: P.O. Box 1386, Glen Rose TX 76043
- Contact Phone Number: 254-897-4141 Contact Email Address: ktaylor@scwd.com

Signature: 

Date: April 22, 2024