

DROUGHT CONTINGENCY PLAN

City of San Augustine

AND

Wholesale Water Suppliers

Water Utility Customers

June 18, 2011

November 24, 2014

**DROUGHT CONTINGENCY PLAN
FOR**

City of San Augustine

**301, South Harrison
San Augustine TX 75972**

PWS# 2030001

June 18, 2011

Section 1 Declaration of Policy, Purpose, and Intent

In cases of extreme drought, periods of abnormally high usage, system contamination, or extended reduction in ability to supply water due to equipment failure, temporary restrictions may be instituted to limit nonessential water usage. The purpose of the Drought Contingency Plan (Plan) is to encourage customer conservation in order to maintain supply, storage, or pressure or to comply with the requirements of a court, government agency or other authority.

Please note: Water restriction is not a legitimate alternative if a water system does not meet the Texas Commission on Environmental Quality (TCEQ) capacity requirements under normal conditions or if the utility fails to take all immediate and necessary steps to replace or repair malfunctioning equipment.

Section 2 Public Involvement

Opportunity for the public to provide input into the preparation of the Plan was provided by:
(check at least one of the following)

The meeting took place at:

Date: _____ Time: _____ Location: _____

Notice of the public meeting was published in our local newspaper.

Section 3 Public Education

The City of San Augustine will periodically provide the public with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage.

Drought plan information will be provided by a press release and our utility bill inserts.

Section 4 Coordination with Regional Water Planning Groups

The service area of the City of San Augustine is located within Regional Water Planning Group (RWPG) I.

The City of San Augustine has mailed a copy of this Plan to the RWPG.

Section 5 Notice Requirements

Written notice will be provided to each customer **prior to implementation or termination of each stage of the water restriction program**. Mailed notice must be given to each customer 72 hours prior to the start of water restriction. If notice is hand delivered, the utility cannot enforce the provisions of the plan for 24 hours after notice is provided. The written notice to customers will contain the following information:

1. the date restrictions will begin;
2. the circumstances that triggered the restrictions;
3. the stages of response and explanation of the restrictions to be implemented; and
4. an explanation of the consequences for violations.

The utility must notify the TCEQ by telephone at (512) 239-4691, or electronic mail at watermon@tceq.state.tx.us prior to implementing Stage III and **must notify in writing the Public Drinking Water Section at MC - 155, P.O. Box 13087, Austin, Texas 78711-3087 within five (5) working days of implementation including a copy of the utility's restriction notice. The utility must file a status report of its restriction program with the TCEQ at the initiation and termination of mandatory water use restrictions (i.e., Stages III and IV).**

Section 6 Violations

1. First violation - The customer will be notified by written notice of their specific violation.
2. Subsequent violations:
 - a. After written notice, the utility may install a flow restricting device in the line to limit the amount of water which will pass through the meter in a 24-hour period. The utility may charge the customer for the actual cost of installing and removing the flow restricting device, not to exceed \$50.00.
 - b. After written notice, the utility may discontinue service at the meter for a period of seven (7) days, or until the end of the calendar month, whichever is LESS. The normal reconnect fee of the utility will apply for restoration of service.

Section 7 Exemptions or Variances

The utility may grant any customer an exemption or variance from the drought contingency plan for good cause **upon written request**. A customer who is refused an exemption or variance may appeal such action of the utility in writing to the Texas Commission on Environmental Quality. The utility will treat all customers equally concerning exemptions and variances, and shall not discriminate in granting exemptions and variances. No exemption or variance shall be retroactive or otherwise justify any violation of this Plan occurring prior to the issuance of the variance.

Section 8 Response Stages

Unless there is an immediate and extreme reduction in water production, or other absolute necessity to declare an emergency or severe condition, the utility will initially declare Stage I restrictions. If, after a reasonable period of time, demand is not reduced enough to alleviate outages, reduce the risk of outages, or comply with restrictions required by a court, government agency or other authority, Stage II may be implemented with Stage III to follow if necessary.

STAGE 1 – Mild Water Shortage Conditions

Supply –Based Triggers:

When the reservoir elevation reaches eight inches below the historical spring high.

(a.) Goal: achieve a voluntary five (5%) percent reduction in total water utilization on an average historical calculation.

(b.) Supply Management Measures:

The City Manager will work with the water department to use alternative sources to conserve City Lake. In 2011 The City Of San Augustine had four new wells drilled with these four wells along with an older well that was already at the plant these 5 wells are capable of producing 1.4 million gallons a day although these wells are not considered potable water supply wells but as agriculture supply wells, at the beginning of stage 1 these wells will be turned on and pumped into City Lake to replenish the amount of raw water that is drawn from the reservoir each day until we regain our historical spring high.

(c.) Demand Management Measures:

(1.) The City Manager, or his/her designee(s), will contact wholesale water customers to discuss water supply and/or demand conditions and will request that wholesale water customers initiate Stage one involving voluntary measures to reduce water use. The City Of San Augustine water customers will be notified through the news media and hand bills our letters.

(2.) The City Manager, or His/her designee(s), will provide a monthly report to news media and the City Council with information regarding current water supply and/or demand conditions persist, and consumer information on conservation measures and practices.

(d.) Voluntary Water Use Restrictions:

1. Restricted Hours: Outside watering is allowed daily, but only during periods specifically described in the customer notice; between 8:00 p.m. and 6:00 a.m.

2. Restricted Days/Hours: Water customers are requested to voluntarily limit the irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems. Customers are requested to limit outdoor water use. Irrigation of landscaped areas is further limited to the hours of 8:00 pm until 6:00 am. However, irrigation of landscaped areas is permitted at anytime if it is by means of a hand-held hose, a faucet-filled bucket or watering can of five gallons or less, or drip irrigation system; or other uses that waste water such as water running down the gutter.

Stage 2- Moderate Water Shortage Conditions

Supply –Based Triggers:

When the reservoir elevation reaches one and one half feet below the historical spring high.

(a.) Goal: achieve a ten (10%) percent reduction in total water utilization on an average historical calculation.

(b.) Supply Management Measures:

The City manager will keep the Bland Lake and San Augustine Rural Water Systems informed of water supply issues and consult with them on options to modify supply sources within our capabilities.

(c.) Demand Management Measures:

(1.) The City Manager, or his/her designee(s), will initiate monthly contact with wholesale water customers to discuss water supply and/or demand conditions and the possibility of pro rata curtailment of water diversions and/or deliveries.

(2.) The City Manager, or his/her designee(s), will request wholesale water customers to initiate stage two of the drought plan along with The City water customers.

(3.) The City Manager, or his /her designee(s), will initiate preparations for the implication of pro rata curtailment of water diversions and/or delivers by preparing a monthly water usage allocation baseline for each wholesale customer according to the procedures specified in the plan. The City of san Augustine will reduce its pumping at the water plant to 16 hours a day.

(4.) The City Manager, or his/her designee(s), will provide a monthly report to news media 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.

Upon initiation and termination of Stage 2, the utility will mail a public announcement to its customers. No notice to TCEQ required.

(d.) Requirements for Termination:

Stage 2 of the plan may end when all of the conditions listed as triggering events have ceased to exist for a period of three consecutive days. Upon termination of slage 2, stage 1 becomes operative.

(e.) Utility Measures:

Visually inspect lines and repair leaks on a daily basis. Monthly review of customer use records and follow-up on any that have unusually high usage.

STAGE 3-MANDATORY WATER USE RESTRICTIONS:

Supply Based Triggers:

When the reservoir elevation reaches three and one half feet below the historical spring high.

Target: Achieve a 15 percent reduction in monthly utilization averages, weekly monitoring will be part of the effort.

Demand-or Capacity-Based Triggers: The City of San Augustine will reduce the pumping hours down to 14 hours a day.

Supply Management Measures:

The City Manager will keep the Bland Lake and San Augustine Rural Water Systems informed of water supply issues and consult with them on options to modify supply sources within our capabilities. The City will be running all 5 water wells at this time to replenish our lake levels.

Demand Management Measures:

- (1.) The City Manager, or his/her designee(s), will contact wholesale water customers to discuss water supply and/or demand conditions and will request that wholesale water customers initiate Stage 3 of their Drought Plan.
- (2.) The City Manager, or his/her designee(s), will initiate pro rata curtailment of water diversions and/or deliveries for each wholesale customer according to the procedures specified in section VI of the Plan.
- (3.) The City Manager, or his/her designee(s), will provide a weekly report to news media 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.

Requirements for Termination:

Stage 3 of the plan may end when all of the conditions listed as triggering events have ceased to exist for a period of three consecutive days. Upon termination of Stage 3, Stage 2 becomes operative.

Utility Measures:

Visually inspect lines and repair leaks on a regular basis. Flushing is prohibited except for dead end mains. The water well will be turned on to pump water into the lake to help offset the amount of water that is being pumped out for treatment.

Mandatory Water Use Restrictions:

The following water use restrictions shall apply to all customers.

1. Irrigation of landscaped areas is further limited to the hours of 8:00 P.M until 6:00A.M
However, irrigation of landscaped areas is permitted at anytime 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.
2. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except between the hours of 8:00 pm and 10:00 am .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.
- 3 Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or a Jacuzzi type pool is prohibited except between the hours of 8:00 pm and 10:00 am.
4. Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.
5. Use of water from hydrants or flush valves shall be limited to maintaining public health safety, and welfare.
6. Use of water for the irrigation of golf courses, parks, and green belt area is prohibited except by hand-held hose between the hours of 8:00 pm and 6:00 am.
7. The following uses of water are defined as nonessential and are prohibited:
 - A. washing down of sidewalks, walkways, driveways parking lots, tennis courts, or other hard-surfaced areas:
 - B. use of water to wash down buildings or structures for purpose other than immediate fire protection;
 - C. use of water for dust control;
 - D. flushing gutters or permitting water to run or accumulate in any gutter or street;
 - E. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s) and any waste of water.

Stage 4 – CRITICAL WATER USE RESTRICTIONS:

Target: Achieve a 25 percent reduction in monthly utilization averages, daily monitoring will be part of the effort.

The water utility will implement Stage 4 when any one of the selected triggers is reached:

Supply Based Triggers -when the reservoir elevations reach six feet below historical spring high.

Demand-or Capacity-Based Triggers: The city will limit the hours of pumping to 12 hours a day.

(a.) Supply Management Measures:

The City Manager will keep the Bland Lake and San Augustine Rural Water Systems informed of water supply issues and consult with them on options to modify supply sources within our capabilities. The City will utilize well water on a twenty-four basis. An alternative intake from City lake will be took under consideration .Additional contact with the TCEQ and TWDB will be made to help us resolve any problems and fine solutions if needed.

(b.) Demand Management Measures:

- (1.) The City Manager, or his/her designee(s), will contact wholesale water customers to discuss water supply and/or demand conditions and will request that wholesale water customers initiate Stage four of their drought plan.
- (2.) The City Manager, or his/her designee(s), will initiate pro rata curtailment of water diversions and/or deliveries for each wholesale customer according to the procedures specified in section 4 of the plan.
- (3.) The City Manager , or his/her designee(s), will provide a weekly report to news media with information regarding current water supply and/or demand conditions if drought conditions persist, and consumer information on water conservation measures and practices.

(C.) Requirements for Termination:

Stage 4 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of three consecutive days. Upon termination of Stage 4, Stage 3 becomes operative.

(D.) Operational Measures:

The utility shall visually inspect lines and repair leaks on a daily basis. Flushing is prohibited except for dead end mains and only between the hours of 9:00 p.m. and 3:00 a.m. Emergency interconnects or

Alternative supply arrangements shall be initiated. All meters shall be read as often as necessary to insure compliance with this program for the benefit of all the customers.

Mandatory Water Use Restrictions :(all outdoor use of water is prohibited)

1. Irrigation of landscaped areas is absolute prohibited.
2. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.
3. A person who violates ,disobeys ,omits neglects or refuses to comply with or who resists the enforcement of any of the provisions of this section shall be fined in accordance with the general penalties of this code no less than 200 dollars.

SYSTEM OUTAGE or SUPPLY CONTAMINATION

Notify TCEQ Regional Office immediately.

If you have any questions on how to fill out this form or about the drought contingency plan program, please contact us at 512-239-3282.

Stage 5- Emergency Water Shortage Conditions

Whenever emergency water shortage conditions exist as defined in section 5 of the Plan, the City Manager shall:

- (a.) Assess the severity of the problem and identify the actions needed and time required to solve the problem.
- (b.) Inform the utility director or other responsible official of each wholesale water customer by telephone or in person and suggest actions, as appropriate, to alleviate problems (e.g., notification of the public to reduce water use until service is restored).
- (c.) If appropriate, notify city, county and/or state emergency response officials for assistance.
- (d.) Undertake necessary actions, including repairs and/or clean up as needed.
- (e.) Prepare a post-event assessment report on the incident and critique of emergency response procedures and actions.

Section IX: Pro Rata Water Allocation

In the event that the triggering criteria specified in section VII of the plan for stage 3-Severe Water Shortage Conditions or Stage 4 – Critical Water Shortage Conditions have been met, the City Manager is hereby authorized initiate allocation of water supplies on a pro rata basis in accordance with Texas Water Code Section 11.039 and according to the following water allocation policies and procedures:

- (a) A wholesale customer's monthly allocation shall be a percentage of the customer's water usage baseline. The percentage as set in this plan by stages. This may be adjusted upward by the City Manager's assessment of the severity of the water shortage condition and the need to curtail water diversions and/or deliveries. Once pro rata allocation is in effect, water diversions by or deliveries to each wholesale customer shall be limited to the allocation established for each month.
- (b) The City Manager, or his/her designee, for each wholesale customer, shall establish a monthly water usage allocation. The wholesale customer's water usage baseline will be computed on the average water usage by month for the 1997 through 1999 period as shown in the example given below.
- (c) Every wholesale water contract entered into or renewed after adoption of this plan, including contract extensions, shall include a provision that in case of shortage of water resulting from drought, the water to be distributed shall be divided in accordance with Texas Water Code 11.039.(Added October 10,2000).

**BLAND LAKE RURAL WATER SYSTEM
HISTOICAL DATA AND PRO RATA CALCULATIONS**

MONTH	1997	1998	1999	2000	2001	AVERAGE	PRO RATA	PRO RATA
							85% ALLOCATION	75% ALLOCATION
DEC	1,573	1,330	1,178	849	1,167	1,219	1,036	915
NOV	1,447	1,211	1,139	1,259	982	1,208	1,026	906
OCT	1,218	1,198	1,392	1,292	958	1,212	1,030	909
SEP	1,420	1,446	1,546	1,261	1,497	1,434	1,219	1,076
AUG	1,417	1,508	2,067	1,485	730	1,441	1,225	1,081
JUL	1,079	1,793	1,562	1,129	1,355	1,384	1,176	1,038
JUN	1,370	1,490	1,539	2,004	945	1,470	1,249	1,102
MAY	1,283	1,294	1,651	216	1,014	1,092	928	819
APR	1,184	1,325	1,409	1,110	948	1,195	1,016	896
MAR	1,076	1,022	1,327	1,117	1,169	1,142	971	857
FEB	1,477	1,569	1,182	1,201	1,309	1,348	1,145	1,011
JAN	1,373	1,854	1,826	1,672	1,885	1,722	1,464	1,292
AVG.	1,326	1,420	1,485	1,216	1,163	1,322	1,124	992

**SAN AUGUSTINE RURAL WATER SYSTEM
HISTOICAL DATA AND PRO RATA CALCULATIONS**

MONTH	1997	1998	1999	2000	2001	AVERAGE	PRO RATA	PRO RATA
							85% ALLOCATION	75% ALLOCATION
DEC	3,036	3,513	3,421	2,955	1988	2,983	2,535	2,237
NOV	4,304	2,789	3,626	3,562	3323	3,521	2,993	2,641
OCT	4,592	4,802	3,930	2,152	3166	3,728	3,169	2,796
SEP	4,409	4,418	4,330	3,770	2738	3,933	3,343	2,950
AUG	4,064	5,820	5,613	5,111	3710	4,864	4,134	3,648
JUL	3,220	5,224	3,894	4,477	3751	4,113	3,496	3,085
JUN	3,523	5,290	4,505	3,435	3428	4,036	3,431	3,027
MAY	3,802	4,588	3,596	3,575	3401	3,792	3,224	2,844
APR	2,838	4,146	3,596	3,084	3413	3,415	2,903	2,562
MAR	3,881	3,102	3,105	3,672	3314	3,415	2,903	2,561
FEB	4,690	3,760	2,916	3,953	3737	3,811	3,240	2,858
JAN	3,962	3,893	4,803	4,650	4377	4,337	3,686	3,253
AVG.	3,860	4,279	3,945	3,700	3,362	3,829	3,255	2,872

NOTE: Source City of San Augustine Utility Billing System. In 1,000 Gallons

(a.) The City Manager shall provide notice, by certified mail, to each wholesale customer informing them of their monthly water usage allocations and shall notify the news media and the executive director of the Texas Natural Resource

Conservation Commission upon initiation of pro rata water allocation.

(b.) Upon request of the customer or at the initiative of the City Manager, the allocation may be reduced or increased if, (1) the designated period does not accurately reflect the wholesale customer's normal water usage; (2) the customer agrees to transfer part of its allocation to another wholesale customer; or (3) other objective evidence demonstrates that the designated allocation is inaccurate under present conditions. A customer may appeal an allocation established hereunder to the City Council of the City of San Augustine.

Section X: Enforcement

During any period when pro rata allocation of available water supplies is in effect, wholesale customers shall pay the following surcharges on excess water diversions and/or deliveries:

- (a) Pay an additional \$1.00 per 1,000 gallons of water for excesses over five (5%) but less than ten (10%) percent above the pro rata allocation.
- (b) Pay an additional \$1.50 per 1,000 gallons of water for excesses ten (10%) percent but less than fifteen (15%) percent above the pro rata allocation.
- (c) Pay an additional \$2.00 per 1,000 gallons of water for excesses fifteen (15%) percent but less than twenty (20%) percent above the pro rata allocation.
- (d) Pay an additional \$3.00 per 1,000 gallons of water for excess of twenty (20%) percent of pro rata allocation.
- (e) The above surcharges shall be cumulative.

Section XI: Variances

The City Manager, or his/her designee, may, in writing, grant a temporary variance to the pro rata water allocation policies provided by this Plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the public health, welfare, or safety and if one or more of the following conditions are met:

- (a) Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.
- (b) Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Plan shall file a petition for variance with the City Manager within 5 days after pro rata allocation has been invoked. All

petitions for variances shall be reviewed by the City Council, and shall include the following:

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

Variances granted by the City Manager shall be subject to the following conditions and review, unless waived or modified by the City Council or its designee:

- (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: Severability

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

2. In your opinion, how you would rank the effectiveness of your utility's conservation program?

Effective
 Somewhat Effective
 Less than Effective
 Not Effective
 Do Not Know

Please provide additional information about any successes or problems you may have experienced in implementing your plan.

3. Education and Information Program

Please check the appropriate boxes regarding any educational and information activities your utility has provided during the reporting period:

	Implemented	Frequency
Brochures Distributed	<input type="checkbox"/>	
Messages Provided on Utility Bills	<input type="checkbox"/>	
Press Releases	<input type="checkbox"/>	
TV Public Service Announcements	<input type="checkbox"/>	
Radio Public Service Announcements	<input type="checkbox"/>	
School Program	<input type="checkbox"/>	
Displays and Presentations	<input type="checkbox"/>	
Plant Tours	<input type="checkbox"/>	
Other, please describe:		

4. Water Conservation Retrofit and Plumbing Rebate Programs

Please check the appropriate boxes regarding any plumbing fixture programs your utility has provided during the reporting period:

	Give-away	Rebate	Retrofit
Toilets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Showerheads	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Faucet Aerators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, please describe:			

5. Rate Structure

Have your rates or rate structure changed since your last report? Yes No
 If yes, please describe the changes, or attach a copy of the new rate structure.

6. Universal Metering and Meter Repair

During the reporting period what was the system-wide number of:

	Total Number	Total Tested	Total Repaired	Total Replaced
Production Meters				
Meters larger than 1 1/2"				
Meters 1 1/2 or smaller				

Does your system have automated meter reading? Yes No

7. Water Loss and Leak Detection

Please provide the following data regarding water loss in your utility during the reporting period:

	Total Gallons During the Reporting Period
A. PRODUCTION - Water treated or raw	
B. Water sold	
C. Water used for line flushing	
D. Water used for fire department use	
E. Water used for flushing and storage tank cleaning	
F. Water used for any un-metered use (facility use, etc.)	
G. WATER LOSS* = A minus B,C,D,E,F	0

* WATER LOSS includes un-accounted-for water, water lost from main line breaks and customer service line breaks, and storage over-flow.

How many leaks were repaired in the system or at service connections during the reporting period? _____

Please check the appropriate boxes regarding the main cause of water loss in your utility during the reporting period:

Leaks	<input type="checkbox"/>
Un-metered utility or city uses	<input type="checkbox"/>
Master meter problems	<input type="checkbox"/>
Customer meter problems	<input type="checkbox"/>
Record and data problems	<input type="checkbox"/>
Other, please describe:	

Would you like to receive free technical assistance or equipment from the TWDB regarding leak detection and water loss? Yes No

8. Water Conservation Programs

Please check the appropriate boxes regarding what conservation programs your utility provided during the reporting period:

Landscape Program	<input type="checkbox"/>
Educational and Information Program	<input type="checkbox"/>
School Education Program	<input type="checkbox"/>
Rainwater Harvesting	<input type="checkbox"/>
Leak Detection	<input type="checkbox"/>
Water Loss	<input type="checkbox"/>
Reuse	<input type="checkbox"/>
Treated Effluent	<input type="checkbox"/>
Other, please describe:	

9. How often does your utility staff review your water conservation program?

10. What year did your utility adopt, or revise, their water conservation plan? _____

11. What might your utility do to improve the effectiveness of your water conservation program?

12. What might the TWDB do to assist you in improving the effectiveness of your water conservation program?

13. If known, how much expense has your utility incurred in implementing your water conservation program during the reporting period (*literature, materials, staff time, etc.*)?
_____ (dollars/year)

14. Recycling and Reuse of Water or Wastewater Effluent

Please provide the following data regarding what types of water recycling or reuse activities were practiced by your utility during the reporting period, and what volume:

Use	Total Annual Volume (in gallons)
On-site irrigation	
Plant wash down	
Chlorination/de-chlorination	
Industrial	
Landscape irrigation (parks, golf courses)	
Agricultural	
Other, please describe:	
Total	0

Could treated effluent be substituted for certain potable water now being used? Yes No

15. Drought Contingency and Emergency Water Demand Management

During the reporting period, did your utility activate its Drought Contingency Plan?
Yes No

If yes, please check all the appropriate boxes for the reason why:

Reason	
Water Shortage	<input type="checkbox"/>
High Demand	<input type="checkbox"/>
Capacity Issues	<input type="checkbox"/>
Equipment Failure	<input type="checkbox"/>
Other, please describe:	<input type="checkbox"/>

Start Date _____

End Date _____

Submit Form by Email

Print Form

Reset Form

**EXAMPLE RESOLUTION FOR ADOPTION OF A
DROUGHT CONTINGENCY PLAN**

RESOLUTION NO. _____

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE _____ (name of water supplier) ADOPTING A DROUGHT CONTINGENCY PLAN.

WHEREAS, the Board recognizes that the amount of water available to the _____ (name of water supplier) and its water utility customers are limited and subject to depletion during periods of extended drought;

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

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

WHEREAS, as authorized under law, and in the best interests of the customers of the _____ (name of water supply system), 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 _____ (name of water supplier):

SECTION 1. That the Drought Contingency Plan attached hereto as Exhibit AA@ and made part hereof for all purposes be, and the same is hereby, adopted as the official policy of the _____ (name of water supplier).

SECTION 2. That the _____ (e.g., general manager) is hereby directed to implement, administer, and enforce the Drought Contingency Plan.

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

DULY PASSED BY THE BOARD OF DIRECTORS OF THE _____, ON THIS ___ day of _____, 20__.

President, Board of Directors

ATTESTED TO:

Secretary, Board of Directors