



WHOLESALE DROUGHT CONTINGENCY PLAN

April 2024

PREPARED FOR
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

ORDINANCE NO. 2194

AN ORDINANCE OF THE CITY OF ALICE, TEXAS, ADOPTING A WHOLESALE DROUGHT CONTINGENCY PLAN; TO PROMOTE RESPONSIBLE USE OF WATER; ESTABLISHING CRITERIA FOR THE INITIATION AND TERMINATION OF DROUGHT RESPONSE STAGES; ESTABLISHING RESTRICTIONS ON CERTAIN WATER USES; ESTABLISHING PENALTIES FOR THE VIOLATION OF AND PROVISIONS FOR ENFORCEMENT OF RESTRICTIONS; ESTABLISHING PROCEDURES FOR GRANTING VARIANCES; AND PROVIDING SEVERABILITY AND AN EFFECTIVE DATE; DIRECTING THE CITY CLERK TO PUBLISH NOTICE OF THE PASSAGE OF THE ORDINANCE; PROVIDING FOR A PENALTY OR FINE NOT TO EXCEED THE SUM OF FIVE HUNDRED DOLLARS (\$500.00) FOR OFFENSES AS PER SECTION 1-14 OF THE CODE OF ORDINANCES OF THE CITY OF ALICE, TEXAS:

WHEREAS, the City of Alice, Texas recognizes the objective of this Wholesale Drought Contingency Plan, which is to reduce water consumption from the levels that would prevail without conservation efforts, reduce the loss and waste of water, improve efficiency in the use of water, and to document the level of recycling and reuse in the water supply; and

WHEREAS, the City of Alice, Texas recognizes that the amount of water available to its water customers is limited; and,

WHEREAS, the City of Alice, Texas recognizes that due to natural limitations, drought conditions, system failures and other acts of God which may occur, the City cannot guarantee an uninterrupted water supply for all purposes at all times; and,

WHEREAS, Section 11.1271 of the Texas Water Code and applicable rules of the Texas Commission of Environmental Quality requires the City of Alice, Texas to prepare a Wholesale Drought Contingency Plan; and

WHEREAS, as authorized under law, and in the best interest of the citizens of Alice, Texas, the City Council deems it expedient and necessary to adopt a Wholesale Drought Contingency Plan; and,

NOW THEREFORE, BE IT ORDAINED BY THE CITY OF ALICE, TEXAS;

Section One: That the City of Alice, Wholesale Drought Contingency Plan for Wholesale water use, attached hereto as Exhibit A, and made a part hereof for all purposes, be, and the same is hereby, adopted.

Section Two: Violations the City of Alice, Wholesale Drought Contingency Plan, shall be punished as provided by City Code Section 1-14 entitled "Penalties" by the assessment of a fine not to exceed \$500.00.

Section Three: The City Clerk shall publish the caption of this Ordinance, including the penalty for the violation thereof, in the official newspaper/media of the City of Alice twice within ten (10) days of passage of this ordinance. The City Clerk shall note on this Ordinance, the caption of which is required to publish and on the record thereof, the fact that same has been published as required by chapter, and the date of such publication.

Section Four: It is the intention of the City Council that this Ordinance and every portion thereof shall be considered separable; and the invalidity of any section, clause or provision of the Ordinance shall not affect the validity of any other portion of this Ordinance.

Section Five: The repeal of any Ordinance or parts of Ordinances effectuated by the enactment of this Ordinance shall not be considered as abating, modifying or altering any penalty accruing or as affecting the liability of any person, firm or corporation as waiving any right of the municipality under any section or provision of and ordinance existing at the time of the passage of this Ordinance.

Section Six: All Ordinances or parts of Ordinances in conflict herewith are hereby repealed to the extent such conflict exists.

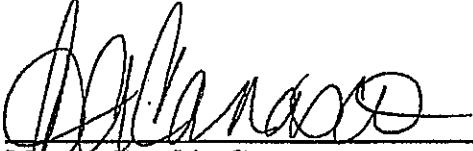
Section Seven: This Ordinance shall be effective on the 11th day after date of passage.

PASSED AND APPROVED this the 16th day of April, 2024





Odilia Rodriguez, City Clerk
Dated: April 16, 2024



Mayor Cynthia Carrasco



TCEQ 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

Drought Contingency Plan

for a Wholesale Public Water Supplier

This form is provided as a model of a drought contingency plan for a wholesale public water supplier. If you need assistance in completing this form or in developing your plan, please contact the Conservation Staff of the Resource Protection Team in the Water Availability Division at (512) 239-4600.

Drought Contingency Plans must be formally adopted by the governing body of the water provider and documentation of adoption must be submitted with the plan. For example, adoption by a city council as an ordinance or by resolution of the entity's board of directors adopting the plan as administrative rules.

Name:	City of Alice	
Address:	500 E. MAIN	
Telephone Number:	(361) 668-7210	Fax: (361) 668-4353
Water Right No.(s):	4515 Alice Water Authority	
Regional Water Planning Group:	Region N - Coastal Bend Region	
Form Completed by:	Demetrio O. Duarte Jr.	
Title:	Public Works Director of Utilities	
Person responsible for implementation:	Michael Esparza - City Manager	Phone: (361) 668-7210
Signature:	Date: / /	

Section I: Declaration of Policy, Purpose, and Intent

In order to conserve the available water supply and/or to protect the integrity of water supply facilities, with particular regard for domestic water use, sanitation, and fire protection, and to

protect and preserve public health, welfare, and safety and minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the City of Alice adopts the following Drought Contingency Plan on the delivery and consumption of water through an ordinance/or resolution.

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

Section II: Public Involvement

Opportunity for the public and wholesale water customers to provide input into the preparation of the Plan was provided by the City of Alice by means of a public hearing at a regular scheduled Council meeting and news media.

Section III: Wholesale Water Customer Education

The City of Alice will periodically provide wholesale water customers with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. This information will be provided by means of public service announcements and newspaper advertisement.

Section IV: Coordination with Regional Water Planning Groups

The water service area of the City of Alice is located within the Region N and the City of Alice has provided a copy of the Plan to the Coastal Bend Regional Water Planning Group.

Section V: Authorization

The City Manager, or his/her designee, is hereby authorized and directed to implement the applicable provisions of this Plan upon determination that such implementation is necessary to protect public health, safety, and welfare. The City Manager or his/her designee, shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

Section VI: Application

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

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

The City Manager, or his/her designee, shall monitor water supply and/or demand conditions on a weekly basis and shall determine when conditions warrant initiation or termination of each stage of the Plan. Customer notification of the initiation or termination of drought response stages will be made by mail or telephone. The news media will also be informed.

The triggering criteria described below are based on: Past drought history and known capacity limits.

Stage 1 Triggers -- MILD Water Shortage Conditions

Requirements for initiation

The City of Alice will recognize that a mild water shortage condition exists when the elevation level in Lake Corpus Christi Reservoir is below 88 feet.

Requirements for termination

Stage 1 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days or the City Council or their designee deem the mild water shortage has ended. The City of Alice will notify the Wholesale customers and the media of the termination of Stage 1.

Stage 2 Triggers -- MODERATE Water Shortage Conditions

Requirements for initiation

The City of Alice will recognize that a moderate water shortage condition exists when the elevation level of Lake Corpus Christi Reservoir is below 86 feet.

Requirements for termination

Stage 2 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days or the City Council or their designee deem the Moderate Water Shortage has ended. Upon termination of Stage 2, Stage 1 becomes operative. The City of Alice will notify its Wholesale customers and the media of the termination of Stage 2.

Stage 3 Triggers -- SEVERE Water Shortage Conditions

Requirements for initiation

The City of Alice will recognize that a severe water shortage condition exists when the elevation level of Lake Corpus Christi Reservoir is below 82 feet. All elements of Stage 2 Shall remain in effect in Stage 3.

Requirements for termination

Stage 3 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days or the City Council or their designee deem the Severe Water Shortage has ended. Upon termination of Stage 3, Stage 2, or the applicable becomes operative. The City of Alice will notify its Wholesale customers and the media of the termination of Stage 3.

Stage 4 Triggers -- Critical Water Shortage Conditions

Requirements for initiation

The City of Alice will recognize that a Critical Water Shortage condition exists when the elevation of Lake Corpus Christi Reservoir is below 74 feet. All elements of Stage 3 shall remain in effect in Stage 4.

Requirements for termination

Stage 4 of the Plan may be rescinded when all the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days. The City Council or their designee deem the critical water shortage has ended. Upon termination of Stage 4, Stage 3 of the plan becomes operative. The City of Alice will notify its Wholesale customers and the media of the termination of Stage 4.

Stage 5 Triggers – EMERGENCY Water Shortage Conditions

Requirements for initiation

Customers shall be required to comply with the requirements and restrictions for Stage 5 of this Plan when the City Manager, or his/her designee, determines that a water supply emergency exists based on:

- Major water line breaks, or pumps or system failure occur, which cause unprecedented loss of capacity to provide water service; **or**
- Natural or man-made contamination of the water supply source(s).

Requirements for termination

Stage 5 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days or the City Council or their designee deem the Emergency Water Shortage has ended. The City of Alice will notify the Wholesale customers and the media of termination of Stage 5.

Stage 6 Triggers – WATER ALLOCATION

Requirements for initiation

Customers shall be required to comply with the water allocation plan described in Section IX of this Plan and comply with the requirements and restrictions for Stage 5 of this Plan when the City Manager determines that water shortage conditions threaten public health, safety, and welfare.

Requirements for termination

Water allocations may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days or the City Council or their designee deem the Water Allocation shortage has ended. Upon termination of Stage 6, Stage 5 becomes operative. The City of Alice will notify the Wholesale customers and the media of Section 6.

Section VIII: Drought Response Stages

The City Manager, or his/her designee, shall monitor water supply and/or demand conditions and, in accordance with the triggering criteria set forth in Section VII, shall determine that mild, moderate, severe, or critical water shortage conditions exist or that an emergency condition exists and shall implement the following actions:

Stage 1 Response -- MILD Water Shortage Conditions

Target: Achieve a voluntary 10% percent reduction in total water use, daily water demand.

Best Management Practices for Supply Management:

The City Manager or his/her designee should reduce flushing of water mains, water of parks facilities and investigate alternative water source.

Water Use Restrictions for Reducing Demand:

(a) 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 voluntary measures to reduce water use (e.g., implement Stage 1 of the customer's drought contingency plan.

(b) 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.

Stage 2 Response -- MODERATE Water Shortage Conditions

Target: Achieve a 15% percent reduction in total water use, daily water demand.

Best Management Practices for Supply Management:

The City Manager, or his/her designee(s) will meet with the Wholesale customers to determine allocations; Stage 1 management measures shall remain in effect.

Water Use Restrictions for Reducing Demand:

(a) The City Manager, or his/her designee(s) will request wholesale water customers to initiate mandatory measures to reduce non-essential water use (e.g, implement Stage 2 of the customer's drought contingency plan.

(b) The City Manager, or his/her designee(s), will initiate weekly 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.

(c) The City Manager, or his/her designee(s), will initiate preparation for the implementation of pro rata curtailment of water diversions and/or deliveries by preparing a monthly water usage allocation baseline for each wholesale customer according to the procedures specified in Section VI of the Plan.

(d) 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.

Stage 3 Response -- SEVERE Water Shortage Conditions

Target: Achieve a 20% percent reduction in total water use and daily water demand.

Best Management Practices for Supply Management:

The City Manager, or his/her designee(s) will meet with the Wholesale customers to determine allocations; Stage 2 management measures shall remain in effect.

Water Use Restrictions for Reducing Demand:

The City Manager, or his/her designee(s), will contact the Wholesale customers and demand no new connections to the distribution system.

(a) 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 additional mandatory measures to reduce non-essential water use (e.g., implement Stage 3 customer's drought contingency plan).

(b) 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 procedures specified in Section IX of the Plan.

(c) 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.

Stage 4 Response – CRITICAL Water Shortage Conditions

Target: Achieve a 25% percent reduction in total water use, daily water demand.

Best Management Practices for Supply Management: The City Manager, or his/designee(s) will meet with the Wholesale customers to determine allocations, set conditions and implementation of additional regulations or prohibitions. Stage 3 management measures shall remain in effect.

Water Use Restrictions for Reducing Demand:

The City Manager, or his/her designee(s), will contact the Wholesale customers and demand no new connections to the distribution system.

(a) 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 additional mandatory measures to reduce non-essential water use (e.g., implement Stage 4 customer's drought contingency plan).

(b) 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 procedures specified in Section IX of the Plan.

(c) 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.

Stage 5 Response – Emergency WATER SHORTAGE CONDITIONS

Whenever critical water shortage conditions exist as defined in Section VII of the Plan, the City Manager shall:

Goal: Reduce water use to less than 50% of the City's maximum daily supply capacity.

Demand Management Measures:

- Assess the severity of the problem and identify the actions needed and time required to solve the problem.
- 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 of notification of the public to reduce water use until service is restored.
- If appropriate, notify city, county, and/or state emergency response officials for assistance.
- Undertake necessary actions, including repairs and/or clean-up as needed.
- Prepare a post-event assessment report on the incident and critique of emergency response procedures and actions.
- In addition, in the event of a large-scale system failure or if the source water supply is contaminated, the City of Alice may truck in additional fresh water supplies as appropriate.
- Wholesale customers are required to specific contract provisions to implement these measures as well as any other measures specified in the Wholesale Supply Contract to better manage a limited water supply. Contract provisions requiring wholesale customers to implement mandatory drought restrictions consistent with the City of Alice will be added into any new contract or contract revision.

Stage 6 Response: Pro Rata Curtailment Allocations

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

The City of Alice will include a provision in every wholesale water contract entered into or renewed after adoption of the plan, including contract extensions, that in case of a shortage of water resulting from drought, the water to be distributed shall be divided in accordance with Texas Water Code, §11.039.

Wholesale water providers are also required by TAC Rule 288.22 to prepare and submit:

- The City of Alice requires all customers signing new and renewed raw water supply contracts to adopt the City of Alice's Water Conservation and Drought Contingency Plan (Plan) as well as develop and implement its own TCEQ-approved water conservation and drought contingency plans. Each customer's plan should follow guidelines provided by the TCEQ http://www.tceq.state.tx.us/nav/util_water/conservation.html, referenced 2/16/2009) and as stipulated in Title 30 TAC Chapter 288. Furthermore, contracts also now stipulate that customers must implement the section of the City of Alice's Plan as well as their own when trigger conditions occur. The time frame associated with full implementation of this requirement is dependent on the various expiration dates of existing contracts and options.

Section IX: 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:

- 1.05 times the normal water charge per acre-foot for water diversions and/or deliveries in excess of the monthly allocation from 5% percent above the monthly allocation.
- 1.10 times the normal water charge per acre-foot for water diversions and/or deliveries in excess of the monthly allocation from 5% percent through 10% percent above the monthly allocation.
- 1.15 times the normal water charge per acre-foot for water diversions and/or deliveries in excess of the monthly allocation from 10% percent through 15% percent above the monthly allocation.
- 1.20 times the normal water charge per acre-foot for water diversions and/or deliveries in excess of the monthly allocation from 15% percent above the monthly allocation.

The above surcharge shall be cumulative.

Section X: 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, sanitation, fire protection, or safety for the public or the person requesting such variance and if one or more of the following conditions are met:

- 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 City of Alice within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the City Manager, or his/her designee, and shall include the following:

- Name and address of the petitioner(s).
- Detailed statement with supporting data and information 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 date.
- Purpose of water use.
- Specific provision(s) of the Plan from which the petitioner is requesting relief.
- Other pertinent information.

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

- Variances granted shall include a timetable for compliance.
- 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 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 without the incorporation into this Plan of any such unconstitutional phrase, clause, sentence, paragraph, or section.



RETAIL DROUGHT CONTINGENCY PLAN

April 2024

PREPARED FOR
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

ORDINANCE NO. 2193

AN ORDINANCE OF THE CITY OF ALICE, TEXAS, ADOPTING A RETAIL DROUGHT CONTINGENCY PLAN; TO PROMOTE RESPONSIBLE USE OF WATER; ESTABLISHING CRITERIA FOR THE INITIATION AND TERMINATION OF DROUGHT RESPONSE STAGES; ESTABLISHING RESTRICTIONS ON CERTAIN WATER USES; ESTABLISHING PENALTIES FOR THE VIOLATION OF AND PROVISIONS FOR ENFORCEMENT OF RESTRICTIONS; ESTABLISHING PROCEDURES FOR GRANTING VARIANCES; AND PROVIDING SEVERABILITY AND AN EFFECTIVE DATE; DIRECTING THE CITY CLERK TO PUBLISH NOTICE OF THE PASSAGE OF THE ORDINANCE; PROVIDING FOR A PENALTY OR FINE NOT TO EXCEED THE SUM OF FIVE HUNDRED DOLLARS (\$500.00) FOR OFFENSES AS PER SECTION 1-14 OF THE CODE OF ORDINANCES OF THE CITY OF ALICE, TEXAS:

WHEREAS, the City of Alice, Texas recognizes the objective of this Retail Drought Contingency Plan, which is to reduce water consumption from the levels that would prevail without conservation efforts, reduce the loss and waste of water, improve efficiency in the use of water, and to document the level of recycling and reuse in the water supply; and

WHEREAS, the City of Alice, Texas recognizes that the amount of water available to its water customers is limited; and,

WHEREAS, the City of Alice, Texas recognizes that due to natural limitations, drought conditions, system failures and other acts of God which may occur, the City cannot guarantee an uninterrupted water supply for all purposes at all times; and,

WHEREAS, Section 11.1271 of the Texas Water Code and applicable rules of the Texas Commission of Environmental Quality requires the City of Alice, Texas to prepare a Retail Drought Contingency Plan; and

WHEREAS, as authorized under law, and in the best interest of the citizens of Alice, Texas, the City Council deems it expedient and necessary to adopt a Retail Drought Contingency Plan; and,

NOW THEREFORE, BE IT ORDAINED BY THE CITY OF ALICE, TEXAS;

Section One: That the City of Alice, Retail Drought Contingency Plan for Retail water use, attached hereto as Exhibit A, and made a part hereof for all purposes, be, and the same is hereby, adopted.

Section Two: Violations the City of Alice, Retail Drought Contingency Plan, shall be punished as provided by City Code Section 1-14 entitled "Penalties" by the assessment of a fine not to exceed \$500.00.

Section Three: The City Clerk shall publish the caption of this Ordinance, including the penalty for the violation thereof, in the official newspaper/media of the City of Alice twice within ten (10) days of passage of this ordinance. The City Clerk shall note on this Ordinance, the caption of which is required to publish and on the record thereof, the fact that same has been published as required by chapter, and the date of such publication.

Section Four: It is the intention of the City Council that this Ordinance and every portion thereof shall be considered separable; and the invalidity of any section, clause or provision of the Ordinance shall not affect the validity of any other portion of this Ordinance.

Section Five: The repeal of any Ordinance or parts of Ordinances effectuated by the enactment of this Ordinance shall not be considered as abating, modifying or altering any penalty accruing or as affecting the liability of any person, firm or corporation as waiving any right of the municipality under any section or provision of and ordinance existing at the time of the passage of this Ordinance.

Section Six: All Ordinances or parts of Ordinances in conflict herewith are hereby repealed to the extent such conflict exists.

Section Seven: This Ordinance shall be effective on the 11th day after date of passage.

PASSED AND APPROVED this the 16th day of April 2024.



Odilia Rodríguez, City Clerk
Dated: April 16, 2024

Mayor Cynthia Carrasco



TCEQ Texas Commission on Environmental Quality

Water Availability Division

MC-160, P.O. Box 13087 Austin, Texas 78711-3087

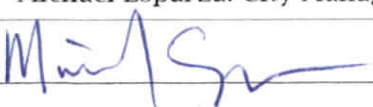
Telephone (512) 239-4600, FAX (512) 239-2214

Drought Contingency Plan

for a Retail Public Water Supplier

This form is provided as a model of a drought contingency plan for a retail public water supplier. If you need assistance in completing this form or in developing your plan, please contact the Conservation Staff of the Resource Protection Team in the Water Availability Division at (512) 239-4600.

Drought Contingency Plans must be formally adopted by the governing body of the water provider and documentation of adoption must be submitted with the plan. For municipal water systems, adoption would be by the city council as an ordinance. For other types of publicly-owned water systems (example: utility districts), plan adoption would be by resolution of the entity's board of directors adopting the plan as administrative rules. For private investor-owned utilities, the drought contingency plan is to be incorporated into the utility's rate tariff. Each water supplier shall provide documentation of the formal adoption of their drought contingency plan.

Name:	City of Alice	
Address:	500 E. Main Street	
Telephone Number:	(361) 668-7210	Fax: (361) 668.4353
Water Right No.(s):	4515 Alice Water Authority	
Regional Water Planning Group:	Region N- Coastal Bend Region	
Form Completed by:	Demetrio O. Duarte Jr.	
Title:	Public Works Director of Utilities	
Person responsible for implementation:	Michael Esparza. City Manager	Phone: (361) 668-7210
Signature:		Date: 03/06/2025

Section I: Declaration of Policy, Purpose, and Intent

In order to conserve the available water supply and protect the integrity of water supply facilities, with particular regard for domestic water use, sanitation, and fire protection, and to protect and preserve public health, welfare, and safety and minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the City of Alice hereby adopts the following regulations and restrictions on the delivery and consumption of water.

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

Section II: Public Involvement

Opportunity for the public to provide input into the preparation of the Plan was provided by the City of Alice by means of a public hearing at a regular scheduled Council meeting and news media.

Section III: Public Education

The City of Alice 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. This information will be provided by means of public events, press releases or utility bill inserts.

Section IV: Coordination with Regional Water Planning Groups

The service area of the City of Alice is located within the Region N and the City of Alice has provided a copy of this Plan to the Coastal Bend Regional Water Planning Group.

Section V: Authorization

The City Manager, or his/her designee is hereby authorized and directed to implement the applicable provisions of this Plan upon determination that such implementation is necessary to protect public health, safety, and welfare. The City Manager or his/her designee shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

Section VI: Application

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

Section VII: Definitions

For the purposes of this Plan, the following definitions shall apply:

Aesthetic water use: water use for ornamental or decorative purposes such as fountains, reflecting pools, and water gardens.

Commercial and institutional water use: water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as retail establishments, hotels and motels, restaurants, and office buildings.

Conservation: those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water or increase the recycling and reuse of water so that a supply is conserved and made available for future or alternative uses.

Customer: any person, company, or organization using water supplied by the City of Alice.

Domestic water use: water use for personal needs or for household or sanitary purposes such as drinking, bathing, heating, cooking, sanitation, or for cleaning a residence, business, industry, or institution.

Even numbered addresses: street addresses, box numbers, or rural postal route numbers ending in 0, 2, 4, 6, or 8 and locations without addresses.

Industrial water use: the use of water in processes designed to convert materials of lower value into forms having greater usability and value.

Landscape irrigation use: water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, golf courses, parks, and rights-of-way and medians.

Non-essential water use: water uses that are not essential nor required for the protection of public, health, safety, and welfare, including:

- (a) irrigation of landscape areas, including parks, athletic fields, and golf courses, except otherwise provided under this Plan;
- (b) use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle;
- (c) use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
- (d) use of water to wash down buildings or structures for purposes other than immediate fire protection;
- (e) flushing gutters or permitting water to run or accumulate in any gutter or street;
- (f) use of water to fill, refill, or add to any indoor or outdoor swimming pools or Jacuzzi-type pools;
- (g) use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
- (h) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and
- (i) use of water from hydrants for construction purposes or any other purposes other than fire fighting.

Odd numbered address: street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.

Section VIII: Criteria for Initiation and Termination of Drought Response Stages

The City Manager or his/her designee shall monitor water supply and/or demand conditions on a weekly basis and shall determine when conditions warrant initiation or termination of each stage of the Plan, that is, when the specified "triggers" are reached.

The triggering criteria described below are based on: Past drought history and known capacity limits.

Stage 1 Triggers – MILD Water Shortage Conditions

Requirements for initiation

Customers shall be requested to voluntarily conserve water and adhere to the prescribed restrictions on certain water uses, defined in Section VII Definitions, when the City of Alice will recognize that a mild water shortage condition exists when the elevation level in Lake Copus Christi Reservoir is below 88 feet.

Requirements for termination

Stage 1 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days or the City Council or their designee deem the mild water shortage has ended. The City of Alice will notify the Retail customers and the media of the termination of Stage 1.

Stage 2 Triggers – MODERATE Water Shortage Conditions

Requirements for initiation

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses provided in Section IX of this Plan when the City of Alice will recognize that a moderate water shortage condition exists when the elevation level of Lake Corpus Christi Reservoir is below 86 feet.

Requirements for termination

Stage 2 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days or the City Council or their designee deem the moderate water shortage has ended. Upon termination of Stage 2, Stage 1, or the applicable drought response stage based on the triggering criteria, becomes operative. The City of Alice will notify the Retail customer and the media of the termination of Stage 2.

Stage 3 Triggers – SEVERE Water Shortage Conditions

Requirements for initiation

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 3 of this Plan when the City of Alice will recognize that a severe water shortage condition exists when the elevation level of Lake Corpus Christi Reservoir is below 82 feet. All elements of Stage 2 shall remain in effect in Stage 3.

Requirements for termination

Stage 3 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days or the City Council or their designee deem the severe water shortage has ended. Upon termination of Stage 3, Stage 2 becomes operative. The City of Alice will notify the Retail customer and the media of the termination of Stage 3.

Stage 4 Triggers – CRITICAL Water Shortage Conditions

Requirements for initiation

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 4 of this Plan when the City of Alice shall recognize that a critical water condition exists when the elevation of Lake Corpus Christi Reservoir is below 74 feet.

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 7 consecutive days or the City Council or their designee deem the critical water shortage has ended. Upon termination of Stage 4, Stage 3 becomes operative. The City of Alice will notify the Retail customer and the media of the termination of Stage 4.

Stage 5 Triggers – EMERGENCY Water Shortage Conditions

Requirements for initiation

Customers shall be required to comply with the requirements and restrictions for Stage 5 of this Plan when the City Manager, or his/her designee, determines that a water supply emergency exists based on:

1. Major water line breaks, or pump or system failures occur, which cause unprecedented loss of capability to provide water service; or
2. Natural or man-made contamination of the water supply source(s).

Requirements for termination

Stage 5 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days or the City Council or their designee deem the emergency water shortage has ended. The City of Alice will notify the Retail customer and media of the termination of Stage 5.

Stage 6 Triggers – WATER ALLOCATION

Requirements for initiation

Customers shall be required to comply with the water allocation plan prescribed in Section IX of this Plan and comply with the requirements and restrictions for Stage 5 of this Plan when the City Manager determines that water shortage conditions threaten public health, safety and welfare.

Requirements for termination - Water allocation may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days or the City Council or their designee deem the Water Allocation condition shortage has ended. Upon termination of Stage 6, Stage 5 becomes operative. The City of Alice will notify the Retail customer and the media of the termination of Stage 6.

Section IX: Drought Response Stages

The City Manager, or his/her designee, shall monitor water supply and/or demand conditions on a daily basis and, in accordance with the triggering criteria set forth in Section VIII of this Plan, shall determine that a mild, moderate, severe, critical, emergency or water shortage condition exists and shall implement the following notification procedures:

Notification

Notification of the Public:

The City Manager or his/ her designee shall notify the public by means of publication in a newspaper of general circulation, direct mail, and/or public service announcements.

Additional Notification:

The City Manager or his/ her designee shall notify directly, or cause to be notified directly, the following individuals and entities:

Mayor and Council
Fire Chief
City and/or County Emergency Management Coordinator
County Judge and Commissioners
State Disaster District / Department of Public Safety
TCEQ (required when mandatory restrictions are imposed)
Critical water users, i.e. hospitals
Parks / Streets superintendents and public facilities managers

Stage 1 Response – MILD Water Shortage Conditions

Target: Achieve a 10% percent reduction in total water use, daily water demand.

Best Management Practices for Supply Management:

The City Manager or his/her designee should reduce flushing of water mains, water of parks facilities and investigate alternative water source.

Voluntary Water Use Restrictions for Reducing Demand:

- (a) Water customers are requested to voluntarily limit the irrigation of landscaped areas to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and to irrigate landscapes only between the hours of 6:00 a.m. and 8:00 a.m. and 8:00 p.m. to 10:00 p.m. on designated watering days.
- (b) All operations of the City of Alice shall adhere to water use restrictions prescribed for Stage 2 of the Plan.
- (c) Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

Stage 2 Response – MODERATE Water Shortage Conditions

Target: Achieve a 15% percent reduction in total water use, daily water demand.

Best Management Practices for Supply Management:

Continue Stage 1 measures and implement any additional regulations and prohibitions.

Water Use Restrictions for Demand Reduction:

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

- (a) Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and irrigation of landscaped areas is further limited to the hours of 6:00 a.m. until 8:00 a.m. and between 8:00 p.m. and 10:00 p.m. on designated watering days. However, irrigation of landscaped areas is permitted at any time if it is by means

of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.

- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days. 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 rises. 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 is contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.
- (c) Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or Jacuzzi-type pools is prohibited except on designated watering days between the hours of 6:00 a.m. and 8:00 a.m. and between 8:00 p.m. and 10:00 p.m.
- (d) 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.
- (e) Use of water from hydrants shall be limited to firefighting, related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the City of Alice.
- (f) Use of water for the irrigation of golf course greens, tees, and fairways is prohibited except on designated watering days between the hours of 6:00 a.m. and 8:00 a.m. and between 8:00 p.m. and 10:00 p.m. However, if the golf course utilizes effluent water, the facility shall not be subject to these regulations.
- (g) All restaurants are prohibited from serving water to patrons except upon request of the patron.
- (h) The following uses of water are defined as non-essential and are prohibited:
 - 1. wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas.
 - 2. use of water to wash down buildings or structures for purposes other than immediate fire protection.
 - 3. use of water for dust control.
 - 4. flushing gutters or permitting water to run or accumulate in any gutter or street; and
 - 5. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

Stage 3 Response – SEVERE Water Shortage Conditions

Target: Achieve a 20% percent reduction in total water use and daily water demand.

Best Management Practices for Supply Management:

Continuation of restrictions set forth in previous conditions and implementation of additional regulations or prohibitions.

Water Use Restrictions for Demand Reduction:

All requirements of Stage 2 shall remain in effect during Stage 3 except:

- (a) Irrigation of turf grass by any means shall be prohibited at all times.
- (b) Watering of fruit and vegetable gardens, fruit and vegetable trees are permitted as needed by means of a hand-held hose (with a positive shut off nozzle), a faucet filled bucket, or a watering can of five (5) gallons or less.
- (c) Watering of trees, shrubs, and potted plants shall be limited to designated watering days between the hours of 6:00 a.m. and 8:00 a.m. and 8:00 p.m. and 10:00 p.m. by means of a hand-held hose (with a positive shut off nozzle), a faucet filled bucket, or a watering can of (5) gallons or less.
- (d) Drip irrigation for foundations and landscaped beds shall be limited to designated watering days between the hours of 6:00 a.m. and 8:00 a.m. and 8:00 p.m. and 10:00 p.m.
- (e) The watering of golf course tees is prohibited unless the golf course utilizes effluent water and irrigates between the hours of 6:00 a.m. and 8:00 a.m. and 8:00 p.m. and 10:00 p.m.

Stage 4 Response – CRITICAL Water Shortage Conditions

Target: Achieve a 25% percent reduction in the City's maximum daily supply capacity.

Best Management Practices for Supply Management:

Continuation of restrictions set forth in previous conditions and implementation of additional regulations or prohibitions.

Water Use Restrictions for Reducing Demand:

All requirements of Stage 2 and 3 shall remain in effect during Stage 4 except:

- (a) Irrigation of turf grass by any means shall be prohibited at all times.
- (b) Watering of fruit and vegetable gardens, fruit and vegetable trees are permitted as needed by means of a hand-held hose (with a positive shut off nozzle), a faucet filled bucket, or a watering can of five (5) gallons or less.
- (c) Watering of trees, shrubs, and potted plants shall be limited to designated watering days between the hours of 6:00 a.m. and 8:00 a.m. and 8:00 p.m. and 10:00 p.m. by means of a hand-held hose (with a positive shut off nozzle), a faucet filled bucket, or a watering can of (5) gallons or less.
- (d) Drip irrigation for foundations and landscaped beds shall be limited to every other week on designated watering days between the hours of 6:00 a.m. and 8:00 a.m. and 8:00 p.m. and 10:00 p.m.

- (e) Use of water to wash any motor vehicle, motor bike, boat, trailer, airplane, or other vehicle is absolutely prohibited.
- (f) The filling, refilling, or adding of water to swimming pools, wading pools, and Jacuzzi-type pools is prohibited.
- (g) 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.
- (h) New, additional, expanded, or increased-in-size water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind shall require the approval of the City Council or their designee.

Stage 5 Response – EMERGENCY Water Shortage Conditions

Target: Achieve a 30% percent reduction in total water use and daily water demand.

Best Management Practices for Supply Management:

Continuation of restrictions set forth I previous conditions and implementation of additional regulations or prohibitions.

Water Use Restrictions for Reducing Demand:

All requirements of Stage 2, 3, and 4 shall remain in effect during Stage 5 except:

- (a) Irrigation of all landscaped areas (including trees, shrubs, potted plants, and landscaped beds) is absolutely prohibited.
- (b) Watering of fruit and vegetable gardens, fruit and vegetable trees are permitted as needed by means of a hand-held hose (with a positive shut off nozzle), a faucet filled bucket, or a watering can of five (5) gallons or less.
- (c) Drip irrigation for foundations is absolutely prohibited.
- (d) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.

Stage 6 Response – WATER ALLOCATION

In the event that water shortage conditions threaten public health, safety, and welfare, the City Manager is hereby authorized to allocate water according to the following water allocation plan:

Single-Family Residential Customers

The allocation to residential water customers residing in a single-family dwelling shall be as follows:

Persons per Household	Gallons per Month
1 or 2	6,000
3 or 4	7,000
5 or 6	8,000
7 or 8	9,000
9 or 10	10,000
11 or more	12,000

"Household" means the residential premises served by the customer's meter. "Persons per household" include only those persons currently physically residing at the premises and expected to reside there for the entire billing period. It shall be assumed that a particular customer's household is comprised of two (2) persons unless the customer notifies the City of Alice of a greater number of persons per household on a form prescribed by the City Manager. The City of Alice staff shall give his/her best effort to see that such forms are mailed, otherwise provided, or made available to every residential customer. If, however, a customer does not receive such a form, it shall be the customer's responsibility to go to the City of Alice's offices to complete and sign the form claiming more than two (2) persons per household. New customers may claim more persons per household at the time of applying for water service on the form prescribed by the City Manager. When the number of persons per household increases so as to place the customer in a different allocation category, the customer may notify the City of Alice on such form and the change will be implemented in the next practicable billing period. If the number of persons in a household is reduced, the customer shall notify the The City of Alice in writing within two (2) days. In prescribing the method for claiming more than two (2) persons per household, the City Manager shall adopt methods to insure the accuracy of the claim. Any person who knowingly, recklessly, or with criminal negligence falsely reports the number of persons in a household or fails to timely notify the City of Alice of a reduction in the number of person in a household shall be fined not less than \$100.00.

Residential water customers shall pay the following surcharges:

\$5.00	For the first 1,000 gallons over allocation
\$10.00	For the second 1,000 gallons over allocation
\$15.00	For the third 1,000 gallons over allocation
\$20.00	For each additional 1,000 gallons over allocation

Surcharges shall be cumulative.

Master-Metered Multi-Family Residential Customers

The allocation to a customer billed from a master meter which jointly measures water to multiple permanent residential dwelling units (example: apartments, mobile homes) shall be allocated 6,000 gallons per month for each dwelling unit. It shall be assumed that such a customer's meter serves two dwelling units unless the customer notifies the City of Alice of a greater number on a form prescribed by the City Manager. The City Staff shall give his/her best effort to see that such forms are mailed, otherwise provided, or made available to every such customer. If, however, a customer does not receive such a form, it shall be the customer's responsibility to go to the City of Alice offices to complete and sign the form claiming more than two (2) dwellings. A dwelling unit may be claimed under this provision whether it is occupied or not. New customers may claim more dwelling units at the time of applying for water service on the form prescribed by the City Manager. If the number of dwelling units served by a master meter is reduced, the customer shall

notify the City of Alice in writing within two (2) days. In prescribing the method for claiming more than two (2) dwelling units, the City Manager shall adopt methods to insure the accuracy of the claim. Any person who knowingly, recklessly, or with criminal negligence falsely reports the number of dwelling units served by a master meter or fails to timely notify the City of Alice of a reduction in the number of person in a household shall be fined not less than \$200.00.

Customers billed from a master meter under this provision shall pay the following monthly surcharges:

\$5.00	For 1,000 gallons over allocation up through 1,000 gallons for each dwelling unit
\$10.00	Thereafter, for each additional 1,000 gallons over allocation up through a second 1,000 gallons for each dwelling unit
\$15.00	Thereafter, for each additional 1,000 gallons over allocation up through a third 1,000 gallons for each dwelling unit
\$20.00	Thereafter, for each additional 1,000 gallons over allocation

Surcharges shall be cumulative.

Commercial Customers

A monthly water allocation shall be established by the City Manager, or his/her designee, for each nonresidential commercial customer other than an industrial customer who uses water for processing purposes. The non-residential customer's allocation shall be approximately 75% percent of the customer's usage for the corresponding month's billing period for the previous 12 months. If the customer's billing history is shorter than 12 months, the monthly average for the period for which there is a record shall be used for any monthly period for which no history exists. Provided, however, a customer, 75% percent of whose monthly usage is less than 6,000 gallons, shall be allocated 6,000 gallons. The City Staff shall give his/her best effort to see that notice of each non-residential customer's allocation is mailed to such customer. If, however, a customer does not receive such notice, it shall be the customer's responsibility to contact the City of Alice to determine the allocation. 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 customer's normal water usage, (2) one nonresidential customer agrees to transfer part of its allocation to another nonresidential customer, or (3) other objective evidence demonstrates that the designated allocation is inaccurate under present conditions. A customer may appeal an allocation established hereunder to the City Manager.

Nonresidential commercial customers shall pay the following surcharges:

Customers whose allocation is 6,000 gallons through 20,000 gallons per month:

\$5.00	per thousand gallons for the first 1,000 gallons over allocation.
\$10.00	per thousand gallons for the second 1,000 gallons over allocation.
\$15.00	per thousand gallons for the third 1,000 gallons over allocation.
\$20.00	per thousand gallons for each additional 1,000 gallons over allocation.

Customers whose allocation is 21,000 gallons per month or more:

Two (2) times the block rate for each 1,000 gallons in excess of the allocation up through 5 percent above allocation.

Three (3) times the block rate for each 1,000 gallons from 5 percent through 10 percent above allocation.

Four (4) times the block rate for each 1,000 gallons from 10 percent through 15 percent above allocation.

Five (5) times the block rate for each 1,000 gallons more than 15 percent above allocation.

The surcharges shall be cumulative. As used herein, "block rate" means the charge to the customer per 1,000 gallons at the regular water rate schedule at the level of the customer's allocation.

Industrial Customers

A monthly water allocation shall be established by the City Manager, or his/her designee, for each industrial customer, which uses water for processing purposes. The industrial customer's allocation shall be approximately 90% percent of the customer's water usage baseline. Ninety (90) days after the initial imposition of the allocation for industrial customers, the industrial customer's allocation shall be further reduced to 85% percent of the customer's water usage baseline. The industrial customer's water use baseline will be computed on the average water use for the 36-month period ending prior to the date of implementation of Stage 2 of the Plan. If the industrial water customer's billing history is shorter than 36 months, the monthly average for the period for which there is a record shall be used for any monthly period for which no billing history exists. The City Staff shall give his/her best effort to see that notice of each industrial customer's allocation is mailed to such customer. If, however, a customer does not receive such notice, it shall be the customer's responsibility to contact the City of Alice to determine the allocation, and the allocation shall be fully effective notwithstanding the lack of receipt of written notice. Upon request of the customer or at the initiative of the City Manager, the allocation may be reduced or increased, (1) if the designated period does not accurately reflect the customer's normal water use because the customer had shut down a major processing unit for repair or overhaul during the period, (2) the customer has added or is in the process of adding significant additional processing capacity, (3) the customer has shut down or significantly reduced the production of a major processing unit, (4) the customer has previously implemented significant permanent water conservation measures such that the ability to further reduce water use is limited, (5) the customer agrees to transfer part of its allocation to another industrial customer, or (6) if other objective evidence demonstrates that the designated allocation is inaccurate under present conditions. A customer may appeal an allocation established hereunder to the City Manager.

Industrial customers shall pay the following surcharges:

Customers whose allocation is 6,000 gallons through 20,000 gallons per month:

\$5.00	per thousand gallons for the first 1,000 gallons over allocation.
\$10.00	per thousand gallons for the second 1,000 gallons over allocation.
\$15.00	per thousand gallons for the third 1,000 gallons over allocation.
\$20.00	per thousand gallons for each additional 1,000 gallons over allocation.

Customers whose allocation is 21,000 gallons per month or more:

Two (2) times the block rate for each 1,000 gallons in excess of the allocation up through 5 percent above allocation.

Three (3) times the block rate for each 1,000 gallons from 5 percent through 10 percent above allocation.

Four (4) times the block rate for each 1,000 gallons from 10 percent through 15 percent above allocation.

Five (5) times the block rate for each 1,000 gallons more than 15 percent above allocation.

The surcharges shall be cumulative. As used herein, "block rate" means the charge to the customer per 1,000 gallons at the regular water rate schedule at the level of the customer's allocation.

Section X: Enforcement

- (a) No person shall knowingly or intentionally allow the use of water from the City of Alice for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of this Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by City Manager, or his/her designee, in accordance with provisions of this Plan.
- (b) Any person who violates this Plan is guilty of a misdemeanor and, upon conviction shall be punished by a fine of not less than One Hundred dollars (\$100.00) and not more than One Thousand dollars (\$1,000.00). Each day that one or more of the provisions in this Plan are violated shall constitute a separate offense. If a person is convicted of three or more distinct violations of this Plan, the City Manager shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge, hereby established at \$30.00 during regular business hours and \$75.00 after business hours, and any other costs incurred by the City of Alice in discontinuing service. In addition, suitable assurance must be given to the City Manager that the same action shall not be repeated while the Plan is in effect. Compliance with this plan may also be sought through injunctive relief in the district court.
- (c) Any person, including a person classified as a water customer of the City of Alice, in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violation occurred on the person's property shall constitute a rebuttable presumption that the person in apparent control of the property committed the violation, but any such person shall have the right to show that he/she did not commit the violation. Parents shall be presumed to be responsible for violations of their minor children and proof that a violation, committed by a child, occurred on property within the parents' control shall constitute a rebuttable presumption that the parent committed the violation, but any such parent may be excused if he/she proves that he/she had previously directed the child not to use the water as it was used in violation of this Plan and that the parent could not have reasonably known of the violation.
- (d) Any employee of the City of Alice police officer, or other City of Alice employee designated by the City Manager, may issue a citation to a person he/she reasonably believes to be in violation of this Ordinance. The citation shall be prepared in duplicate and shall contain the name and address of the alleged violator, if known, the offense charged, and shall direct him/her to appear in the Municipal Court on the date shown on the citation for which the date shall not be less than 3 days nor more than 5 days from the date the citation was issued. The alleged violator shall be served a copy of the citation. Service of the citation shall be complete upon delivery of the citation to the alleged violator, to an agent or employee of a violator, or to a person over 14 years of age who is a member of the violator's immediate family or is a resident of the violator's residence. The alleged violator shall appear in Municipal Court to enter a plea of guilty or not guilty for the violation of this Plan. If the alleged violator fails to appear in Municipal Court, a warrant for his/her arrest may be issued. A summons to appear may be issued in lieu of

an arrest warrant. These cases shall be expedited and given preferential setting in Municipal Court before all other cases.

Section XI: Variances

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

- (a) Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other conditions 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 Ordinance shall file a petition for variance with the City of Alice within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the City Manager, or his/her designee, and shall include the following:

- Name and address of the petitioner(s).
- Purpose of water use.
- 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 date.
- Other pertinent information.

Variances granted by the City of Alice shall be subject to the following conditions, unless waived or modified by the City Manager or his/her designee:

- Variance granted shall include a timetable for compliance.
- 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 of Alice that the sections, paragraphs, sentences, clauses, and phrases of this Ordinance 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 of Alice without the incorporation into this Plan of any such unconstitutional phrase, clause, sentence, paragraph, or section.

Approved by City Council on March 6, 2025.



WATER CONSERVATION PLAN

April 2024

PREPARED FOR
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

ORDINANCE NO. 2192

AN ORDINANCE OF THE CITY OF ALICE, TEXAS, ADOPTING A CITY OF ALICE WATER CONSERVATION PLAN FOR RETAIL PUBLIC WATER SUPPLIER AND WATER CONSERVATION PLAN FOR A WHOLESALE PUBLIC WATER SUPPLIER; TO PROMOTE RESPONSIBLE USE OF WATER; ESTABLISHING UTILITY PROFILE; WATER USE DATA FOR SERVICE AREA; WATER SUPPLY SYSTEM DATA; WASTEWATER SYSTEM DATA; ADDITIONAL REQUIREMENTS FOR LARGE SUPPLIERS; ADDITIONAL CONSERVATION STRATEGIES; CRITERIA; ESTABLISHING RESTRICTIONS ON CERTAIN WATER USES; AND PROVIDING SEVERABILITY AND AN EFFECTIVE DATE.

WHEREAS, the City of Alice, Texas recognizes the objective of the City of Alice Water Conservation Plan for Retail Public Water Supplier and Water Conservation Plan for a Wholesale Public Water Supplier, which is to reduce water consumption from the levels that would prevail without conservation efforts, reduce the loss and waste of water, improve efficiency in the use of water, and to document the level of recycling and reuse in the water supply; and

WHEREAS, the City of Alice, Texas recognizes that the amount of water available to its water customers is limited; and

WHEREAS, the City of Alice, Texas recognizes that due to natural limitations, drought conditions, system failures and other acts of God which may occur, the City cannot guarantee an uninterrupted water supply for all purposes at all times; and

WHEREAS, the Texas Water Code and applicable rules of the Texas Commission of Environmental Quality requires the City of Alice, Texas to prepare a City of Alice Water Conservation Plan for Retail Public Water Supplier and a Water Conservation Plan for a Wholesale Public Water Supplier; and

WHEREAS, as authorized under law, and in the best interest of the citizens of Alice, Texas, the City Council deems it expedient and necessary to adopt these City of Alice Water Conservation Plan for Retail Public Water Supplier and the Water Conservation Plan for a Wholesale Public Water Supplier.

NOW THEREFORE, BE IT ORDAINED BY THE CITY OF ALICE, TEXAS;

Section One: That the City of Alice Water Conservation Plan for Retail Public Water Supplier and Water Conservation Plan for a Wholesale Public Water Supplier, attached hereto as Exhibit A and B, and made a part hereof for all purposes, be, and the same is hereby, adopted.

Section Two: The City Clerk shall publish the caption of this Ordinance in the official newspaper/media of the City of Alice twice within ten (10) days of passage of this ordinance. The City Clerk shall note on this Ordinance, the caption of which is required to publish and on

the record thereof, the fact that same has been published as required by chapter, and the date of such publication.

Section Three: It is the intention of the City Council that this Ordinance and every portion thereof shall be considered separable; and the invalidity of any section, clause or provision of the Ordinance shall not affect the validity of any other portion of this Ordinance.

Section Four: The repeal of any Ordinance or parts of Ordinances effectuated by the enactment of this Ordinance shall not be considered as abating, modifying or altering any penalty accruing or as affecting the liability of any person, firm or corporation as waiving any right of the municipality under any section or provision of and ordinance existing at the time of the passage of this Ordinance.

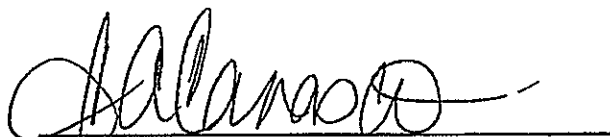
Section Five: All Ordinances or parts of Ordinances in conflict herewith are hereby repealed to the extent such conflict exists.

Section Six: This Ordinance shall be effective on the 11th day after date of passage.

PASSED AND APPROVED this the 16th day of April 2024.



Odilia Rodriguez, City Clerk
Dated: April 16, 2024



Mayor Cynthia Carrasco

**CITY OF ALICE, TEXAS
WATER CONSERVATION PLAN
FOR
MUNICIPAL USE AND WHOLESALE**



April 2024

Prepared for

**Texas Commission on
Environmental Quality**



**CITY OF ALICE, TEXAS
WATER CONSERVATION PLAN
FOR MUNICIPAL USE AND WHOLESALE
Adoption – April 16, 2024**

SECTION 1.0 – GENERAL

1.1 Definitions

Conservation - Those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water, or increase the recycling and reuse of water so that a water supply is made available for future or alternative uses.

Industrial use - The use of water in processes designed to convert materials of a lower order of value into forms having greater usability and commercial value, commercial fish production, and the development of power by means other than hydroelectric, but does not include agricultural use.

Irrigation - The agricultural use of water for the irrigation of crops, trees, and pastureland, including, but not limited to, golf courses and parks which do not receive water through a municipal distribution system.

Municipal per capita water use - The sum total of water diverted into a water supply system for residential, commercial, and public and institutional uses divided by actual population served.

Municipal use - The use of potable water within or outside a municipality and its environs whether supplied by a person, privately owned utility, political subdivision, or other entity as well as the use of sewage effluent for certain purposes, including the use of treated water for domestic purposes, fighting fires, sprinkling streets, flushing sewers and drains, watering parks and parkways, and recreational purposes, including public and private swimming pools, the use of potable water in industrial and commercial enterprises supplied by a municipal distribution system without special construction to meet its demands, and for the watering of lawns and family gardens.

Municipal use in gallons per capita per day - The total average daily amount of water diverted or pumped for treatment for potable use by a public water supply system. The calculation is made by dividing the water diverted or pumped for treatment for potable use by population served. Indirect reuse volumes shall be credited against total diversion volumes for the purpose of calculating gallons per capita per day for targets and goals.

Pollution - The alteration of the physical, thermal, chemical, or biological quality of, or the contamination of, any water in the state that renders the water harmful, detrimental, or injurious to humans, animal life, vegetation, or property, or to the public health, safety, or

welfare, or impairs the usefulness or the public enjoyment of the water for any lawful or reasonable purpose.

Public water supplier - An individual or entity that supplies water to the public for human consumption

Regional water planning group - A group established by the Texas Water Development Board to prepare a regional water plan under Texas Water Code, '16.053

Retail public water supplier - An individual or entity that for compensation supplies water to the public for human consumption. The term does not include an individual or entity that supplies water to itself or its employees or tenants when that water is not resold to or used by others.

Reuse - The authorized use for one or more beneficial purposes of use of water that remains unconsumed after the water is used for the original purpose of use and before that water is either disposed of or discharged or otherwise allowed to flow into a watercourse, lake, or other body of state-owned water.

Water conservation plan - 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. A water conservation plan may be a separate document identified as such or may be contained within another water management document(s).

Water loss - The difference between water diverted or treated and water delivered (sold). Water loss can result from:

1. inaccurate or incomplete record keeping;
2. meter error;
3. unmetered uses such as firefighting, line flushing, and water for public buildings and water treatment plants;
4. leaks; and
5. water theft and unauthorized use.

Wholesale public water supplier - An individual or entity that for compensation supplies water to another for resale to the public for human consumption. The term does not include an individual or entity that supplies water to itself or its employees or tenants as an incident of that employee service or tenancy when that water is not resold to or used by others, or an individual or entity that conveys water to another individual or entity, but does not own the right to the water which is conveyed, whether or not for a delivery fee.

SECTION 2.0 - MUNICIPAL WATER CONSERVATION PLAN

2.1 Objective

The objectives of this water conservation plan are to reduce water consumption from the levels that would prevail without conservation efforts, reduce the loss and waste of water, improve efficiency in the use of water, and to document the level of recycling and reuse in the water supply.

2.2 Continuing Public Education & Information

The City of Alice periodically provides the public with information by means of press releases. The City plans to further educate the public with water bill inserts, press releases, educational events promoting water conservation, and information posted on the City's Official Website. This will promote additional community awareness of the City's plans. The City will provide education programs within the Alice Independent School District. The program is intended to increase use of these curricula within the wholesale customer boundaries. The City will also form a Committee to discuss, assess and provide direction for the conservation programs outlined in this document. The committee will include residential, commercial, and any other interested customers.

2.3 Plan Review and Update

This water conservation plan will be reviewed and updated, as appropriate, based on an assessment of previous five year and ten-year targets and any other new or updated information. The City will review and update the next revision of its water conservation plan not later than May 1, 2009, and every five years after that date to coincide with the regional water planning group. The revised plan will also include an implementation report.

2.4 Enforcement Procedure & Plan Adoption

The City shall adopt an Ordinance which prohibits wasting water and authorized the City Manager, or his/her designee, to implement and enforce this Water Conservation Plan. The Ordinance shall outline the implementation and enforcement authority of the City Manager and provide the most recent updates to the plan. Implementation of the City's Water Conservation Plan shall be by resolution as adopted by the City of Alice's City Council.

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

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

SECTION 3.0 UTILITY PROFILES

The City of Alice Municipal Utility Profile is attached to this Water Conservation Plan.

SECTION 4.0 WATER CONSERVATION PLAN

4.1 Specific, Quantified 5 & 10- Year Targets

The following five (5) and ten (10) year targets shall be established:

Five-year targets based on 5-year rolling averages

1. Reduce per capita per day consumption by 3%.
2. Reduce the level of unaccounted water losses to 15%.

Ten-year targets based on 5-year rolling averages

1. Reduce per capita per day consumption by an additional 3%.
2. Reduce the level of unaccounted water losses to 12%.

To accomplish the 5-year and 10-year targets the City of Alice shall utilize the programs and policies in this Plan such as accurate metering devices, universal metering, meter testing and repair, periodic meter replacement, control of unaccounted water, public education, non-promotional water rates, and leak detection and repair.

The 5 and 10 year targets in this Water Conservation Plan shall be in accordance with 30 TAC Part 1, Chapter 288, Subchapter C, Rule 288.2 (a) (1) (C). The water conservation plan, over the next five to ten years, shall implement existing and proposed new water efficiency programs. In addition to the programs included in the recommended plan, the City will continuously monitor and evaluate its overall water conservation effort in relation to its water supply and water and wastewater facility capacity needs. The Water Conservation Plan will require a concerted effort over the next 5 to 10 years to manage demand and meet water savings goals. In future years, based on the results of monitoring and continuing evaluation, the City shall consider implementing some of the other more aggressive programs which have been evaluated in this study in order to meet established goals.

The following programs are either currently or may be implemented before within the next five to ten years:

1. System Water Audit and Water Loss
2. Water Conservation Pricing
3. Prohibition on Wasting Water
4. School Education
5. Water Survey for Single-Family and Multi-Family Customers
6. Landscape Irrigation Conservation and Incentives
7. Athletic Field Conservation
8. Metering of All New Connections and Retrofit of Existing Connections
9. Water Reuse

10. Public Information BMP
11. New Construction BMP
12. Park Conservation BMP
13. Conservation Programs for Commercial Accounts

4.2 Metering Devices and Universal Metering

Programs meter testing, meter repair, and periodic meter replacement are already in place and have been developed using the American Water Works Association (A WWA) standards and recommendations.

The City will provide for annual replacement of meters in the system that does not register the correct amount of water flowing through them. This program will increase revenues and water accountability. Funding for the meters will come from the amount allocated for infrastructure replacement. Meter replacement will take place as described below:

Meter Infrastructure Replacement

1. Identify and report active 3/4 and 1-inch meters that register less than 200 cubic feet of flow and active 1 1/2-inch or greater meters that register less than 1500 cubic feet of flow for three consecutive months.
2. Compare the meter-reading report with the flow report to determine which meters appear to be functioning improperly.
3. After all valid reasons for low flow at a location have been identified; the remainder can be assumed to be non-functioning and can be scheduled for replacement.

4.3 Unaccounted-For Water Use

The City of Alice shall conduct periodic visual inspections along distribution lines and an annual audit of the water system to determine illegal connections and abandoned services. The system water audit is the overall figure that can be used to monitor the total level of non-revenue water in the system. The City of Alice shall conduct this audit annually as stated below.

The City of Alice shall developed regulations and targets per the new standards required by the TCEQ and proposed by the TWDB. The performance indicator approach provides an internal accountability for specific water system tasks which will improve the performance and efficiency of the system in the long-term. The audit and performance indicators will be incorporated into the City's Water Conservation Plan. The plan will be updated on a regular basis with specific portions such as the targets and goals being updated every year so that water supply performance can be to assess more accurately.

4.4 Public Education

The City will periodically provide the public with information about conservation measures including information about the conditions under which conservation measures are to be employed. This information will be provided by means of public notice, press releases, City's Website, and mailings.

4.5 Non-Promotional Water Rate Structure

The City of Alice has water rates in place for various rate classes. When the customer reaches a specified consumption the rate increases for all usage above the specified gallons. In the future based on the results of monitoring and additional assessments, the City shall consider increasing the water rate structure to improve their effect on water conservation and to manage cost of service more effectively. This is done by analyzing the trends of use by customers and water demands upon the water system.

The City's current rate structure consists of residential and commercial. Each customer will be assessed a meter charge based on meter size. There is an additional usage charge. The rates adopted and implemented shall include a conservation rate structure.

4.6 Reservoir Systems Operations Plan

The City has a contract with the City of Corpus Christi. The City of Corpus Christi sells untreated water from Lake Corpus Christi to the City of Alice. In subsequent years the City of Corpus Christi agrees to sell; the amount of water taken by the city of Alice in the previous twelve month period plus ten percent, or the average quantity of water taken by the City of Alice in its highest previous three years plus ten percent, whichever is greater. The City of Corpus Christi also agrees to sell whatever quantity of water the City of Alice requires in excess of the above mentioned amounts if in the opinion of the City of Corpus Christi, such water is available and can be sold to the City of Alice without endangering the water supply of the City of Corpus Christi or of holders of prior contracts.

4.7 Coordination with Regional Water Planning Groups

The water service area of the City of Alice is located within the Region N Water Planning area and a copy of this Plan has been provided to the Region N Water Planning Group (RWPG).

4.8 Additional Requirements:

4.8.1 Program for Leak Detection, Repair, and Water Loss Accounting

- a. The City shall make a monthly accounting of water delivery efficiencies. At the end of each month, the City shall calculate the difference between water pumped to the system and water sold through the meters. This calculation is reduced to a percentage of water losses. This is maintained and reviewed on an annual basis.

- b. Leaks are reported by any municipal employee as well as the general public,
- c. The Water Treatment Plant monitors system pressure at all times and sizeable leaks are noticeable and reported as soon as noted.
- d. All leaks are repaired as soon as practicable.

4.8.2 Record Management System

The Water Treatment Plant maintains records of:

- Water received from Lake Corpus Christi
- Water received into the plant for treatment
- Water pumped to the distribution system
- Water used for backwash purposes within the plant

The Water Department maintains records of:

- Water metered within the system
- Water loss calculations including residential, commercial/industrial and public/institutional

4.9 Best Management Practices Guide

The City recognizes that in order to accomplish the goals and objectives of this water conservation plan, other conservation measures may be required that are not outlined within the body of this document. The City is aware of the Water Conservation Best Management Practices Guide published by the Water Conservation Implementation Task Force in November 2004. As deemed necessary, the City will implement other measures either from the BMP guide or as otherwise seen fit to assure compliance with the plan.

SECTION 5.0 - WHOLESALE WATER CONSERVATION PLAN

5.1 Introduction

As a wholesale water supplier, the City of Alice adopts this Water Conservation Plan in conformance with the rules governing water conservation plans for wholesale water providers set forth by the Texas Commission on Environmental Quality (TCEQ) in *Texas Administrative Code* Title 30, Part I, Rule §288.5, *Water Conservation Plans for Wholesale Water Suppliers*.

5.2 Continuing Public Education & Information

The City of Alice periodically provides the public with information by means of press releases. The City plans to further educate the wholesale purchaser. This will promote

additional wholesale purchaser awareness of the City's plans. The City will provide education programs within the Alice Independent School District. The program is intended to increase use of these curricula within the wholesale customer boundaries. The City will also form a Committee to discuss, assess and provide direction for the conservation programs outlined in this document. The committee will include residential, commercial, wholesale purchasers, and any other interested customers.

5.3 Review and Update of Water Conservation Plan

This water conservation plan will be reviewed and updated, as appropriate, based on an assessment of previous five year and ten-year targets and any other new or updated information. The City will review and update the next revision of its water conservation plan no later than May 1, 2024 and every five years after that date to coincide with the regional water planning group. The revised plan will also include an implementation report.

Additional Conservation Strategies

The City also adopts these additional conservation strategies:

- The City will encourage and assist customers in the development of conservation pollution prevention and abatement plans through participation in water quality programs.
- The City will adopt any other water conservation practice, method, or technique which the City finds to be appropriate for achieving the stated goals of this water conservation plan.

5.4 Means for Implementation and Enforcement

This Water Conservation Plan and all plans developed hereunder are required to be followed by purchasers in all of the City's water availability agreements. Violation of the Plan is a violation of the agreement provision and will be treated as such.

SECTION 6.0 UTILITY PROFILES

The City of Alice Wholesale Utility Profile is attached to this Water Conservation Plan.

SECTION 7.0 WATER CONSERVATION PLAN

7.1 Specific, Quantified 5 & 10-Year Targets

The following five (5) and ten (10) year targets shall be established:

Five-year targets based on 5-year rolling averages

1. Reduce per capita per day consumption by 3%.
2. Reduce the level of unaccounted water losses to 15%.

Ten-year targets based on 5-year rolling averages

1. Reduce per capita per day consumption by an additional 3%.
2. Reduce the level of unaccounted water losses to 12%.

To accomplish the 5-year and 10-year targets the City of Alice shall utilize the programs and policies in this Plan such as accurate metering devices, universal metering, meter testing and repair, periodic meter replacement, control of unaccounted water, public education, non-promotional water rates, and leak detection and repair.

The 5 and 10 year targets in this Water Conservation Plan shall be in accordance with 30 TAC Part 1, Chapter 288, Subchapter C, Rule 288.2 (a) (1) (C). The water conservation plan, over the next five to ten years, shall implement existing and proposed new water efficiency programs. In addition to the programs included in the recommended plan, the City will continuously monitor and evaluate its overall water conservation effort in relation to its water supply and water and wastewater facility capacity needs. The Water Conservation Plan will require a concerted effort over the next 5 to 10 years to manage demand and meet water savings goals. In future years, based on the results of monitoring and continuing evaluation, the City shall consider implementing some of the other more aggressive programs which have been evaluated in this study in order to meet established goals.

The following programs are either currently or may be implemented before within the next five to ten years:

1. System Water Audit and Water Loss
2. Water Conservation Pricing
3. Prohibition on Wasting Water
4. School Education
5. Water Survey for Single-Family and Multi-Family Customers
6. Landscape Irrigation Conservation and Incentives
7. Athletic Field Conservation
8. Metering of All New Connections and Retrofit of Existing Connections
9. Water Reuse
10. Public Information BMP
11. New Construction BMP
12. Park Conservation BMP
13. Conservation Programs for Commercial Accounts

7.2 Metering and Leak Detection and Repair

The City will implement a program of regular inspection, maintenance and repair of pipelines and pump stations, focusing on the monitoring of unaccounted water and the detection and repair of leaks.

7.3 Description of Practices Utilized to Measure and Account for Diversions

All diversions of water by the City's water customers (excepting those uses not exceeding five acre-feet of water per year) must be metered or otherwise measured with an error of less than plus or minus 5 and reported to the City in a timely manner.

7.4 Reservoir Systems Operations Plan

The City has a contract with the City of Corpus Christi. The City of Corpus Christi sells untreated water from Lake Corpus Christi to the City of Alice. In subsequent years the City of Corpus Christi agrees to sell; the amount of water taken by the City of Alice in the previous twelve month period plus ten percent, or the average quantity of water taken by the City of Alice in its highest previous three years plus ten percent, whichever is greater. The City of Corpus Christi also agrees to sell whatever quantity of water the City of Alice requires in excess of the above mentioned amounts if in the opinion of the City of Corpus Christi, such water is available and can be sold to the City of Alice without endangering the water supply of the City of Corpus Christi or of holders of prior contracts.

7.5 Coordination with Regional Water Planning Groups

The wholesale water service area of the City of Alice is located within the Region N Water Planning area and a copy of this Plan has been provided to the Region N Water Planning Group (RWPG).

7.6 Monitoring and Record Management Program

7.6.1 Program for Leak Detection, Repair, and Water Loss Accounting

- a. The City shall make a monthly accounting of water delivery efficiencies. At the end of each month, the City shall calculate the difference between water pumped to the system and water sold through the meters. This calculation is reduced to a percentage of water losses. This is maintained and reviewed on an annual basis.
- b. Leaks are reported by any municipal employee as well as the general public.
- c. The Water Treatment Plant monitors system pressure at all times and sizeable leaks are noticeable and reported as soon as noted.
- d. All leaks are repaired as soon as practicable.

7.6.2 Record Management System

The Water Treatment Plant shall maintain records of:

- Water received from Lake Corpus Christi
- Water received into the plant for treatment
- Water pumped to the distribution system

- Water used for backwash purposes within the plant

The Water Department shall maintain records of:

- Water metered within the system
- Water loss calculations including residential, commercial/industrial, public/institutional, and wholesale.

7.7 Conservation Requirements in Contracts

The City shall include the following clause addressing water conservation in every new and renewed contract:

Conservation of Water *It is the intent of the parties to this Agreement to provide to the maximum extent practicable for the conservation of water, and Purchaser agrees that it is a condition of this Agreement that Purchaser shall maintain and operate its facilities in a manner that will prevent the unnecessary waste of water. Purchaser agrees to implement a water conservation program in accordance with the Water Conservation Plan adopted by the City of Alice on July 10, 2008, and any subsequent amendments thereto and that the water diverted by Purchaser, pursuant to this Agreement, will be used in accordance with such Water Conservation Plan. Purchaser agrees that, in the event that Purchaser furnishes water or water services to a third party or successive parties, that, in turn, will furnish the water or water services to the ultimate consumer, the requirements of this Agreement relative to water conservation shall be met through contractual agreements between the Purchaser and the third party or successive parties, providing for the establishment and implementation of a water conservation program consistent with The City of Alice's Water Conservation Plan, in accordance with applicable law, may from time to time adopt reasonable rules and regulations relating to water conservation. Purchaser agrees to amend its water conservation program, as necessary, to reflect the City of Alice's Water Conservation Plan; as such plan may be amended from time to time.*

7.8 Best Management Practices Guide

The City recognizes that in order to accomplish the goals and objectives of this water conservation plan, other conservation measures may be required that are not outlined within the body of this document. The City is aware of the Water Conservation Best Management Practices Guide published by the Water Conservation Implementation Task Force in November 2004. As deemed necessary, the City will implement other measures either from the BMP guide or as otherwise seen fit to assure compliance with the plan.

END OF PLAN

WATER CONSERVATION PLAN 5- AND 10-YR GOALS FOR WATER SAVINGS

Facility Name: CITY OF ALICE

Water Conservation Plan Year: 2024

	Historic 5yr Average	Baseline	5-yr Goal for year <u>2029</u>	10-yr Goal for year <u>2034</u>
Total GPCD ¹	155	154	145	141
Residential GPCD ²	77	76	72	70
Water Loss (GPCD) ³	13	37	34	30
Water Loss (Percentage) ⁴	8%	24%	23%	21%

1. Total GPCD = (Total Gallons in System ÷ Permanent Population) ÷ 365
2. Residential GPCD = (Gallons Used for Residential Use ÷ Residential Population) ÷ 365
3. Water Loss GPCD = (Total Water Loss ÷ Permanent Population) ÷ 365
4. Water Loss Percentage = (Total Water Loss ÷ Total Gallons in System) x 100; or (Water Loss GPCD ÷ Total GPCD) x 100