



RSVP'd 2/16/06
To Shiva's V/M
for CT, NC, ID

January 30, 2006

Ms. Nancy Cline
Director of Public Works
Town of Addison
P.O. Box 9010
Addison, Texas 75001-9010

Dear Ms. Cline:

As a wholesale customer of the City of Dallas, you are invited to attend a meeting to discuss issues related to drought contingency planning and a regional strategy on how to address these issues with the public. Details of the meeting are as follows:

Date: Tuesday, February 21, 2006

Time: 9:00 a.m.

Location: Dallas City Hall, L1 Auditorium (driving directions attached)

We encourage your attendance as well as any staff from your city that has knowledge of your city's water conservation and water management plans. Please RSVP to Shiva Peters at 214/670-5888. We also ask that you bring copies of your city's water conservation and water management plans.

Please feel free to contact me at 214/670-5886 if you have any questions.

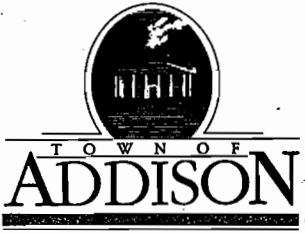
Sincerely,

A handwritten signature in cursive script that reads "Tonia R. Barrix".

Tonia R. Barrix
Interim Manager
Wholesale Services Division

Our Vision: To be an efficient provider of superior water and wastewater service and a leader in the water industry.

Wholesale Services • 1500 Marilla, Room 4AS Dallas, Texas 75201
Telephone: (214) 670-5888 • Fax: (214) 670-3154



Post Office Box 9010

Addison, Texas 75001-9010

5300 Belt Line Road

(972) 450-7000
FAX (972) 450-7043

TO WHOM IT MAY CONCERN

Please be advised that the attached document is a true and correct copy of Ordinance No. 001-021, duly passed by the Addison City Council on the 26th day of June, 2001.

Duly certified by Carmen Moran, City Secretary for the Town of Addison on the 5th day of July, 2001.

City Secretary

ATTEST:

SEAL

TOWN OF ADDISON, TEXAS

ORDINANCE NO. 001-021

AN ORDINANCE OF THE TOWN OF ADDISON, TEXAS AMENDING ARTICLE V, "DROUGHT CONTINGENCY PLAN," OF CHAPTER 34, "ENVIRONMENT," OF THE CODE OF ORDINANCES; PROVIDING A SAVINGS CLAUSE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A PENALTY NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE AND A SEPARATE OFFENSE SHALL BE DEEMED COMMITTED EACH DAY DURING OR ON WHICH A VIOLATION OCCURS OR CONTINUES; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Town of Addison, Texas (the "City") is a home rule city possessing the full powers of local self government pursuant to Article 11, Section 5, Texas Constitution and its Home Rule Charter; and

WHEREAS, pursuant to such authority and in order to protect the citizens of the City during drought conditions, the City has adopted certain regulations, otherwise known as a Drought Contingency Plan, which plan is contained in Chapter 34 of the City's Code of Ordinances; and

WHEREAS, prior to the adoption of this ordinance, the public was given an opportunity to comment regarding the amended regulations adopted herein at a public hearing held by the City Council; and

WHEREAS, following such public hearing, the City Council has determined that it is in the public interest to amend its Drought Contingency Plan as set forth herein in order to better conserve the available water supply and better 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; Now, Therefore,

BE IT ORDAINED BY THE CITY COUNCIL OF THE TOWN OF ADDISON, TEXAS:

Section 1. Incorporation of Premises. That the above and foregoing premises are true and correct and are incorporated herein and made a part hereof for all purposes.

Section 2. Amendment. That Article V, "Drought Contingency Plan," of Chapter 34, "Environment," of the Code of Ordinances of the Town of Addison is hereby amended as set forth in Exhibit A attached hereto and incorporated herein, and all other chapters, sections, subsections, paragraphs, sentences, phrases and words of the Code are not amended but are hereby ratified, verified, approved and affirmed.

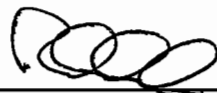
Section 3. Savings. That this Ordinance shall be cumulative of all other ordinances of the City affecting the disposal of surplus property and shall not repeal any of the provisions of those ordinances except in those instances where the provisions of those Ordinances are in direct conflict with the provisions of this Ordinance.

Section 4. Severability. That the sections, paragraphs, sentences, phrases, clauses and words of this Ordinance are severable, and if any section, paragraph, sentence, phrase, clause or word in this Ordinance or application thereof to any person or circumstance is held invalid or unconstitutional by a Court of competent jurisdiction, such holding shall not affect the validity of the remaining portions of this Ordinance, and the City Council hereby declares that it would have passed such remaining portions of this Ordinance despite such invalidity, which remaining portions shall remain in full force and effect.

Section 5. Penalty. That it shall be unlawful for any person to violate any provision of this Ordinance, and any person violating or failing to comply with any provision hereof shall be fined, upon conviction, in any amount not more than Two Thousand Dollars (\$2,000.00), and a separate offense shall be deemed committed each day during or on which a violation occurs or continues.

Section 6. Effective Date. That this Ordinance shall become effective from and after its date of passage as provided by law.

PASSED AND APPROVED by the City Council of the Town of Addison, Texas this the 26th day of June, 2001.



R. Scott Wheeler, Mayor

ATTEST:

By: 
Carmen Moran, City Secretary

APPROVED AS TO FORM:

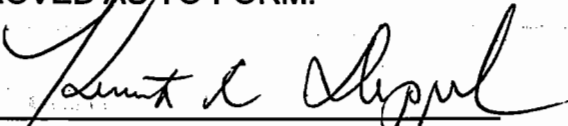
By: 
Kenneth C. Dippel, City Attorney

EXHIBIT A

ARTICLE V. DROUGHT CONTINGENCY PLAN

Sec. 34-171. Non-essential water uses.

Water uses regulated or prohibited under this article (hereinafter referred to as the "Drought Contingency Plan" or the "Plan") are considered to be non-essential and continuation of such uses during times of water shortage or other emergency water supply condition are deemed to constitute a waste of water which subjects the offender(s) to penalties as defined in Section 34-179 of this Plan.

Sec. 34-172. Public education & notification.

(a) The city, by and through its Department of Public Works, shall 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.

(b) When drought contingency measures appear to be necessary, the public will be notified through available news media, and additional information on water conservation methods will be distributed. In the event that a trigger condition is reached, the public will be kept fully informed of the status of the drought condition through all available media.

(c) When a trigger condition has been reached and the city of Dallas Water Utilities Department informs the Town that drought contingency measures may be necessary, the city manager or duly appointed representative will order the initiation of a public notification process. The public notification process will include, but is not limited to the following:

(1) A notice of drought condition will be posted at Town Hall, the post office, Recreation Center, major supermarkets, and shopping centers.

(2) The notice will be circulated to local newspapers and radio stations via Public Service Announcement. Information regarding the contingency measures for the drought condition will be mailed to all water customers by means of utility bill inserts and posted on the Town's web page.

Sec. 34-173. Coordination with regional water planning groups.

The service area of the city is located within Texas Natural Resource Conservation Commission ("TNRCC") Region C and the Town of Addison, Texas has provided a copy of this plan to the TNRCC, City of Dallas, and State Planning Region.

Sec. 34-174. Authorization.

The city manager, or his/her designee, is hereby authorized and directed to implement the applicable provisions of the 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.

Sec. 34-175. Application.

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

Sec. 34-176. Definitions.

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

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

Commercial and institutional water use means 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 means 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 means any person, company, or organization using water supplied by the city.

Domestic water use means 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 number address means street addresses, box numbers, or rural postal route numbers ending in 0, 2, 4, 6, or 8 and locations without addresses.

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

Landscape irrigation use means 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 means 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 as 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 means street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.

Sec. 34-177. Triggering criteria for initiation and termination of drought response stages.

The city purchases 100 percent of its potable water from the City of Dallas. Therefore, the emergency water management triggering measures will be the same as those of the City of Dallas. Also, triggering criteria may be initiated as a result of short term deficiencies and or emergencies specific to the Town of Addison.

Following are the triggering criteria for initiation and termination of drought response stages:

Stage 1: Water Awareness

Triggering criteria: Total raw water supply in connected lakes drops below 55 percent of total conservation storage, demand exceeds 90 percent of deliverable capacity for three consecutive days, or short term deficiencies in distribution system limit supply capability.

Below are examples of the types of triggering criteria that might be used in a drought contingency plan. One or a combination of such criteria may be defined for each drought response stage:

Example 1: When, pursuant to requirements specified in the city wholesale water purchase contract with the City of Dallas, notification is received requesting initiation of Stage 1 of the drought contingency plan.

Example 2: Continually falling treated water reservoir levels which do not refill above 50 percent overnight (e.g., based on an evaluation of minimum treated water storage required to avoid system outage).

Actions available (applied to all customers as necessary).

- The city manager or designee requests voluntary reductions in water use.
- Accelerate public information efforts to teach and encourage reduced water use.
- Staff will begin a review of the problems which initiated the Stage 1 actions.
- Notify major water users and work with them to achieve voluntary water use reduction.
- Prohibit city government use of water for street washing, vehicle washing, operation of ornamental fountains and all other nonessential use.
- Request a reduction in landscape watering by city government.

Termination criteria: All initiated actions will remain in effect until the conditions which triggered Stage 1 have been alleviated. If Stage 1 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that these measures are no longer required.

Stage 2: Water Watch

Triggering Criteria: Total raw water supply in connected lakes drops below 50 percent of total conservation storage or demand exceeds 95 percent of deliverable capacity for two consecutive days. Stage 2 actions will not ordinarily be taken until Stage 1 actions have first been implemented.

Actions available (applied to all customers, as necessary).

- Continue public information efforts regarding water supply conditions and conservation efforts.
- Begin mandatory water use restrictions as follows:
 - Prohibit hosing off of paved areas, buildings or windows; operation of ornamental fountains, swimming pool draining followed by refilling, washing or rinsing vehicles by hose; using water in such a manner as to allow runoff or other water wastes.

Exceptions: Vehicles may be washed or rinsed with a hose at commercial car washes; vehicles may be washed at any location with a bucket or other container.

- Limit landscape watering at each service address to once every five days based on the last digit of the address per the schedule below.

Last Digit of Address	Allowed Water Dates
0 and 5	5 th , 10 th , 15 th , 20 th , 25 th , 30 th
1 and 6	1 st , 6 th , 11 th , 16 th , 21 st , 26 th
2 and 7	2 nd , 7 th , 12 th , 17 th , 22 nd , 27 th
3 and 8	3 rd , 8 th , 13 th , 18 th , 23 rd , 28 th
4 and 9	4 th , 9 th , 14 th , 19 th , 24 th , 29 th

No watering will be allowed on the 31st. Apartments, office building complexes or other property containing multiple addresses will be identified by the lowest address number.

Where there are no numbers, a number will be assigned by the director. These restrictions also apply to government facilities.

Exceptions: Foundations, azaleas, and new plantings (first year) of trees and shrubs may be watered with a hand-held or soaker hose on any day for up to two hours; nurseries may water plant stock only without restrictions; public gardens may water without restriction.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed \$2,000.00 per incident.

Termination Criteria: All initiated actions will remain in effect until the conditions which triggered Stage 2 have been alleviated. If Stage 2 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that conditions exist which will allow removal of Stage 2 actions.

Stage 3: Water Warning

Triggering criteria: Total raw water supply in connected lakes drops below 35 percent of total conservation storage or demand exceeds 95 percent of deliverable capacity for five consecutive days. Stage 3 actions will not ordinarily be taken until Stage 2 actions have first been implemented.

Actions Available (applied to all customers, as necessary).

- Implement recommended engineering alternatives.

- Continue implementation of all restrictions from previous stages.
- Prohibit residential or commercial lawn watering and car washing between the hours of 9 a.m. and 9 p.m.
- Foundations, shrubs, and trees may be watered with soaker or hand-held hose on the same five-day rotational basis and landscapes for up to two hours.
- Public gardens may water only between the hours of 9 p.m. and 9 a.m.
- Nurseries may water plant stock only between the hours of 9 p.m. and 9 a.m.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed \$2,000.00 per incident.

Termination criteria: All initiated actions will remain in effect until the conditions which triggered Stage 3 have been alleviated. If Stage 3 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that conditions exist which will allow removal of Stage 3 actions.

Stage 4: Water Emergency

Triggering Criteria: Total raw water supply in connected lakes drops below 20 percent of total conservation storage or demand exceeds 100 percent of deliverable capacity for two consecutive days. Stage 4 actions will not ordinarily be taken until Stage 3 actions have first been implemented.

Actions Available (applied to all customers, as necessary).

- Continue implementation of all restrictions from previous stages.
- Prohibit all commercial and residential landscape watering including golf courses with the following exceptions:
 - Nurseries' plant stock may be watered between the hours of 9 p.m. and 9 a.m. once every five days based on the last digit of their address per the schedule in Stage 2.
 - Public gardens may water between the hours of 9 p.m. and 9 a.m. once every five days based on the last digit of their address per the schedule in Stage 2.
 - Foundations may be watered for a two hour period between the hours of 9 p.m. and 9 a.m. with a soaker or hand-held hose on the five-day rotational basis prescribed for landscape watering in Stage 2.
- Any and all washing of vehicles is prohibited.

- All commercial water users may be required to reduce water consumption by a percentage determined by the director.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed \$2,000.00 per incident.

Termination Criteria: All initiated actions will remain in effect until the conditions which triggered Stage 4 have been alleviated. If Stage 4 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that conditions exist which will allow removal of Stage 4 actions.

Stage 5: Emergency Water Shortage

- (a) System outage due to major water system components.

Triggering Criteria: A system outage to one of the Town's two water pump stations, which are located at each end of town. In the event of such outage, the second pump station will be used. In addition, the Town of Addison has four city of Dallas emergency stand-by meters connected to the Town's distribution system that can be used to supplement the Town's supply after notification to the city of Dallas.

Actions Available (applied to all customers).

- Initiate or continue implementation of all restrictions from previous stages as directed by the City Manager or his designee.
- Prohibit all commercial and residential landscape watering. All commercial water users will be required to reduce water consumption by a percentage determined by the City Manager or his designee.

- (b) Supply source contamination special precautions.

Triggering Criteria: Water system contamination caused by low distribution pressures (below 20 psi), repeated unacceptable microbiological samples, or failure to maintain adequate chlorine residuals. In the event of such contamination, the affected area shall be isolated from the distribution system immediately and special precautions shall be taken in accordance with Subsection (q), "Special Precautions," of Section 290.46, "Minimum Acceptable Operating Practices for Public Drinking Water Systems," of Subchapter D, "Rules and Regulations for Public Water Systems," of Chapter 290, "Public Drinking Water," of Part 1, "Texas Natural Resource Conservation Commission," of Title 30, "Environmental Quality," of the Texas Administrative Code, in its current form and as it may hereafter be amended.

Water customers in the affected area shall be notified immediately with a "Boil Water Notice" and a letter explaining the situation and containing recommendations to the water customer regarding the use of bottled water. The "Flow chart" contained in Appendix H of Section 290.47, "Appendices," of Subchapter D, "Rules and Regulations for Public Water Systems," of Chapter 290, "Public Drinking Water," of Part 1, "Texas Natural Resource

Conservation Commission," of Title 30, "Environmental Quality," of the Texas Administrative Code, in its current form and as it may hereafter be amended, shall be used to evaluate the response measures necessary to correct the condition.

Actions Available (applied to all affected customers).

- Hand deliver Boil Water Notice to all water customers affected.
- Prohibit all water usage for human consumption for 24 to 36 hours, as determined by the City Manager or his designee.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed \$2,000.00 per incident.

Termination Criteria: All initiated actions will remain in effect until the conditions which triggered Stage 5 have been alleviated. If Stage 5 is initiated because of Water Supply Contamination, all initiated actions will remain in effect until the City Manager or his designee determines that conditions exist which will allow removal of Stage 5 actions.

Sec. 34-178. Variances.

The city manager (designated official), 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 a variance would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

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

Persons requesting an exemption from the provisions of this article shall file a petition for a variance with the city 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:

- (a) Name and address of the petitioner(s).
- (b) Purpose of water use.
- (c) Specific provision(s) of the Plan from which the petitioner is requesting relief.
- (d) Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this article.
- (e) Description of the relief requested.

- (f) Period of time for which the variance is sought.
- (g) Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.
- (h) Other pertinent information as may be required by the city manager or his designee.

Variations granted by the city manager or his designee shall be subject to the following conditions, unless waived or modified by the city manager (designated official) or his/her designee:

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

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

Sec. 34-179. Penalty.

It shall be unlawful for any person to violate any provision of this article, and any person violating or failing to comply with any provision hereof shall be fined, upon conviction, in an amount not more than \$2000.00, and a separate offense shall be deemed committed each day during or on which a violation occurs or continues.

CONSENT AGENDA

- #2a - Approval of the Minutes for the June 12, 2001 Council Meeting.
-
- #2b - Consideration of an Ordinance approving an amendment to Chapter 18, Article VII, Housing Code of the Code of Ordinances to incorporate the 2000 International Residential Code (IRC).
-
- #2c - Consideration of an Ordinance amending Chapter 18, Article XII, Swimming Pools and Spas of the Code of Ordinances to adopt the State of Texas standards for public and semi-public pools and spas.
-
- #2d - Consideration of an Ordinance amending Chapter 18, Article II, Section 18-63 Automatic Fire-Extinguishing Systems of the Code of Ordinances to eliminate the requirement for firewall between any new addition to a single family attached resident and any existing part of the residence.
-
- #2e - Consideration of an Ordinance amending Chapter 38, Article II, Section 38-53(e) Provisions for Fire Safety of the Code of Ordinances to amend installation of approved fire sprinklers.
-
- #2f - Approval of Change Order in the amount of \$1,300.00 and final acceptance of project and approval of final payment of \$93,173.00 to Westerchil Construction for Blueprints at Addison Circle Sculpture.
-
- #2g - Consideration of an Ordinance amending Article V of the Drought Contingency Plan of the Town of Addison.
-
- #2h - Acceptance of improvements and authorization of final payment in the amount of \$128,450.00 to Bowman Construction Company for completion of Paving and Streetscape for Addison Circle Development Phase II.
-

Council Agenda Item: #29

SUMMARY:

This Item updates the Town's Drought Contingency Plan

FINANCIAL IMPACT:

None.

BACKGROUND:

In August, 1999 the Town passed a Drought Contingency Plan as part of Chapter 34 of the Town's Code Of Ordinances. The purpose of the ordinance was to comply and run parallel with the City Of Dallas' Drought Contingency Plan, since they are our water supply provider.

Dallas has recently made several changes to their Drought Contingency Plan, and to comply, and run parallel, changes are needed.

Staff has also added changes that are required by the Texas Natural Resources Conservation Commission regarding "System outage due to major water system components", and "Supply source contamination special precautions" which appears on page 7 of the proposed ordinance. Staff has also proposed to raise the fine for a violation from not to exceed \$1,000, to not to exceed \$2,000.

Attached is a Council resolution in the form of an Ordinance, authorizing amendment of the ordinance, as well as "Exhibit A", a redlined copy of the existing Ordinance showing the proposed changes. All of this information has been reviewed and approved by our City Attorney.

RECOMMENDATION:

Staff recommends approval.

TOWN OF ADDISON, TEXAS

ORDINANCE NO. _____

AN ORDINANCE OF THE TOWN OF ADDISON, TEXAS AMENDING ARTICLE V, "DROUGHT CONTINGENCY PLAN," OF CHAPTER 34, "ENVIRONMENT," OF THE CODE OF ORDINANCES; PROVIDING A SAVINGS CLAUSE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A PENALTY NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE AND A SEPARATE OFFENSE SHALL BE DEEMED COMMITTED EACH DAY DURING OR ON WHICH A VIOLATION OCCURS OR CONTINUES; AND PROVIDING AN EFFECTIVE DATE.

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WHEREAS, pursuant to such authority and in order to protect the citizens of the City during drought conditions, the City has adopted certain regulations, otherwise known as a Drought Contingency Plan, which plan is contained in Chapter 34 of the City's Code of Ordinances; and

WHEREAS, prior to the adoption of this ordinance, the public was given an opportunity to comment regarding the amended regulations adopted herein at a public hearing held by the City Council; and

WHEREAS, following such public hearing, the City Council has determined that it is in the public interest to amend its Drought Contingency Plan as set forth herein in order to better conserve the available water supply and better 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; Now, Therefore,

BE IT ORDAINED BY THE CITY COUNCIL OF THE TOWN OF ADDISON, TEXAS:

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Section 6. Effective Date. That this Ordinance shall become effective from and after its date of passage as provided by law.

PASSED AND APPROVED by the City Council of the Town of Addison, Texas this the _____ day of _____, 2001.

R. Scott Wheeler, Mayor

ATTEST:

By: _____
Carmen Moran, City Secretary

APPROVED AS TO FORM:

By: _____
Kenneth C. Dippel, City Attorney

EXHIBIT A

ARTICLE V. DROUGHT CONTINGENCY PLAN

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(b) When drought contingency measures appear to be necessary, the public will be notified through available news media, and additional information on water conservation methods will be distributed. In the event that a trigger condition is reached, the public will be kept fully informed of the status of the drought condition through all available media.

(c) When a trigger condition has been reached and the city of Dallas Water Utilities Department informs the Town that drought contingency measures may be necessary, the city manager or duly appointed representative will order the initiation of a public notification process. The public notification process will include, but is not limited to the following:

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The service area of the city is located within Texas Natural Resource Conservation Commission ("TNRCC") Region C and the Town of Addison, Texas has provided a copy of this plan to the TNRCC, City of Dallas, and State Planning Region.

Sec. 34-174. Authorization.

The city manager, or his/her designee, is hereby authorized and directed to implement the applicable provisions of the 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.

Sec. 34-175. Application.

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

Sec. 34-176. Definitions.

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

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

Commercial and institutional water use means 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 means 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 means any person, company, or organization using water supplied by the city.

Domestic water use means 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 number address means street addresses, box numbers, or rural postal route numbers ending in 0, 2, 4, 6, or 8 and locations without addresses.

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

Landscape irrigation use means 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 means 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 as 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 means street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.

Sec. 34-177. Triggering criteria for initiation and termination of drought response stages.

The city purchases 100 percent of its potable water from the City of Dallas. Therefore, the emergency water management triggering measures will be the same as those of the City of Dallas. Also, triggering criteria may be initiated as a result of short term deficiencies and or emergencies specific to the Town of Addison.

Following are the triggering criteria for initiation and termination of drought response stages:

Stage 1: Water Watch Awareness

Triggering criteria: Total raw water supply in connected lakes drops below 55 percent of total conservation storage, demand exceeds 90 percent of deliverable capacity for three consecutive days, or short term deficiencies in distribution system limit supply capability.

Below are examples of the types of triggering criteria that might be used in a drought contingency plan. One or a combination of such criteria may be defined for each drought response stage:

Example 1: When, pursuant to requirements specified in the city wholesale water purchase contract with the City of Dallas, notification is received requesting initiation of sStage 1 of the drought contingency plan.

Example 2: Continually falling treated water reservoir levels which do not refill above 50 percent overnight (e.g., based on an evaluation of minimum treated water storage required to avoid system outage).

Actions available (applied to all customers as necessary).

- The city manager or designee requests voluntary reductions in water use.
- Accelerate public information efforts to teach and encourage reduced water use.
- Staff will begin a review of the problems which initiated the Stage 1 actions.
- Notify major water users and work with them to achieve voluntary water use reduction.
- Prohibit city government use of water for street washing, vehicle washing, operation of ornamental fountains and all other nonessential use.
- Request a reduction in landscape watering by city government.

Termination criteria: All initiated actions will remain in effect until the conditions which triggered Stage 1 have been alleviated. If Stage 1 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that these measures are no longer required.

Stage 2: Water Warning Watch

Triggering Criteria: Total raw water supply in connected lakes drops below 50 percent of total conservation storage or demand exceeds 95 percent of deliverable capacity for two consecutive days. Stage 2 actions will not ordinarily be taken until Stage 1 actions have first been implemented.

Actions available (applied to all customers, as necessary).

- Continue public information efforts regarding water supply conditions and conservation efforts.
- Begin mandatory water use restrictions as follows:

- Prohibit hosing off of paved areas, buildings or windows; operation of ornamental fountains, swimming pool draining followed by refilling, washing or rinsing vehicles by hose; using water in such a manner as to allow runoff or other water wastes.

Exceptions: Vehicles may be washed or rinsed with a hose at commercial car washes; vehicles may be washed at any location with a bucket or other container.

- Limit landscape watering at each service address to once every five days based on the last digit of the address per the schedule below.

Last Digit of Address	Allowed Water Dates
0 and 5	5 th , 10 th , 15 th , 20 th , 25 th , 30 th
1 and 6	1 st 6 th , 11 th , 16 th , 21 st , 26 th
2 and 7	2 nd , 7 th , 12 th , 17 th , 22 nd , 27 th
3 and 8	3 rd , 8 th , 13 th , 18 th , 23 rd , 28 th
4 and 9	4 th , 9 th , 14 th , 19 th , 24 th , 29 th

No watering will be allowed on the 31st. Apartments, office building complexes or other property containing multiple addresses will be identified by the lowest address number.

Where there are no numbers, a number will be assigned by the director. These restrictions also apply to government facilities.

Exceptions: Foundations, azaleas, and new plantings (first year) of trees and shrubs may be watered with a hand-held or soaker hose on any day for up to two hours; nurseries may water plant stock only without restrictions; public gardens; may water without restriction.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed ~~\$1,000.00~~ \$2,000.00 per incident.

Termination Criteria: All initiated actions will remain in effect until the conditions which triggered Stage 2 have been alleviated. If Stage 2 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that conditions exist which will allow removal of Stage 2 actions.

Stage 3: Water Emergency Warning

Triggering criteria: Total raw water supply in connected lakes drops below 35 percent of total conservation storage or demand exceeds 95 percent of deliverable capacity for five consecutive days. Stage 3 actions will not ordinarily be taken until Stage 2 actions have first been implemented.

Actions Available (applied to all customers, as necessary).

- Implement recommended engineering alternatives.
- Continue implementation of all restrictions from previous stages.
- Prohibit residential or commercial lawn watering and car washing between the hours of 9 a.m. and 9 p.m.
- Foundations, shrubs, and trees may be watered with soaker or hand-held hose on the same five-day rotational basis and landscapes for up to two hours.
- Public gardens may water only between the hours of 9 p.m. and 9 a.m.
- Nurseries may water plant stock only between the hours of 9 p.m. and 9 a.m.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed ~~\$1,000.00~~ \$2,000.00 per incident.

Termination criteria: All initiated actions will remain in effect until the conditions which triggered Stage 3 have been alleviated. If Stage 3 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that conditions exist which will allow removal of Stage 3 actions.

Stage 4: Water Crisis Emergency

Triggering Criteria: Total raw water supply in connected lakes drops below 20 percent of total conservation storage or demand exceeds 100 percent of deliverable capacity for two consecutive days. Stage 4 actions will not ordinarily be taken until Stage 3 actions have first been implemented.

Actions Available (applied to all customers, as necessary).

- Continue implementation of all restrictions from previous stages.
- Prohibit all commercial and residential landscape watering including golf courses with the following exceptions:
 - Nurseries' plant stock may be watered between the hours of 9 p.m. and 9 a.m. once every five days based on the last digit of their address per the schedule in Stage 2.
 - Public gardens, may water between the hours of 9 p.m. and 9 a.m. once every five days based on the last digit of their address per the schedule in Stage 2.
 - Foundations may be watered for a two hour period between the hours of 9 p.m. and 9 a.m. with a soaker or hand-held hose on the five-day rotational basis prescribed for landscape watering in Stage 2.

- Any and all washing of vehicles is prohibited.
- All commercial water users may be required to reduce water consumption by a percentage determined by the director.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed ~~\$1,000.00~~ \$2,000.00 per incident.

Termination Criteria: All initiated actions will remain in effect until the conditions which triggered Stage 4 have been alleviated. If Stage 4 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that conditions exist which will allow removal of Stage 4 actions.

Stage 5: Emergency Water Shortage

(a) System outage due to major water system components.

Triggering Criteria: A system outage to one of the Town's two water pump stations, which are located at each end of town. In the event of such outage, the second pump station will be used. In addition, the Town of Addison has four city of Dallas emergency stand-by meters connected to the Town's distribution system that can be used to supplement the Town's supply after notification to the city of Dallas.

Actions Available (applied to all customers).

- Initiate or continue implementation of all restrictions from previous stages as directed by the City Manager or his designee.
- Prohibit all commercial and residential landscape watering. All commercial water users will be required to reduce water consumption by a percentage determined by the City Manager or his designee.

(b) Supply source contamination special precautions.

Triggering Criteria: Water system contamination caused by low distribution pressures (below 20 psi), repeated unacceptable microbiological samples, or failure to maintain adequate chlorine residuals. In the event of such contamination, the affected area shall be isolated from the distribution system immediately and special precautions shall be taken in accordance with Subsection (q), "Special Precautions," of Section 290.46, "Minimum Acceptable Operating Practices for Public Drinking Water Systems," of Subchapter D, "Rules and Regulations for Public Water Systems," of Chapter 290, "Public Drinking Water," of Part 1, "Texas Natural Resource Conservation Commission," of Title 30, "Environmental Quality," of the Texas Administrative Code, in its current form and as it may hereafter be amended.

Water customers in the affected area shall be notified immediately with a "Boil Water Notice," and a letter explaining the situation and containing recommendations to the water customer regarding the use of bottled water. The "Flow chart" contained in Appendix H of

Section 290.47, "Appendices," of Subchapter D, "Rules and Regulations for Public Water Systems," of Chapter 290, "Public Drinking Water," of Part 1, "Texas Natural Resource Conservation Commission," of Title 30, "Environmental Quality," of the Texas Administrative Code, in its current form and as it may hereafter be amended, will be used to evaluate the response measures necessary to correct the condition.

Actions Available (applied to all affected customers).

- Hand deliver Boil Water Notice to all water customers affected.
- Prohibit all water usage for human consumption for 24 to 36 hours, as determined by the City Manager or his designee.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed \$2,000.00 per incident.

Termination Criteria: All initiated actions will remain in effect until the conditions which triggered Stage 5 have been alleviated. If Stage 5 is initiated because of Water Supply Contamination, all initiated actions will remain in effect until the City Manager or his designee determines that conditions exist which will allow removal of Stage 5 actions.

Sec. 34-178. Variances.

The city manager (designated official), 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 a variance would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

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

Persons requesting an exemption ~~for~~ from the provisions of this article shall file a petition for a variance with the city 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:

- (a) Name and address of the petitioner(s).
- (b) Purpose of water use.
- (c) Specific provision(s) of the ~~p~~Plan from which the petitioner is requesting relief.

- (d) Detailed statement as to how the specific provision of the plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this article.
- (e) Description of the relief requested.
- (f) Period of time for which the variance is sought.
- (g) Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this plan and the compliance date.
- (h) Other pertinent information as may be required by the city manager or his designee.

Variations granted by the city manager or his designee shall be subject to the following conditions, unless waived or modified by the city manager (designated official) or his/her designee:

- Variations granted shall include a timetable for compliance.
- Variations granted shall expire when the Plan is ~~not~~ no longer in effect, unless the petitioner has failed to meet specified requirements.

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

Sec. 34-179. Penalty.

It shall be unlawful for any person to violate any provision of this article, and any person violating or failing to comply with any provision hereof shall be fined, upon conviction, in an amount not more than ~~\$1,000.00~~ \$2000.00, and a separate offense shall be deemed committed each day during or on which a violation occurs or continues.

Council Agenda Item: _____

SUMMARY:

This Item updates the Town's Drought Contingency Plan

FINANCIAL IMPACT:

None.

BACKGROUND:

In August, 1999 the Town passed a Drought Contingency Plan as part of Chapter 34 of the Town's Code Of Ordinances. The purpose of the ordinance was to comply and run parallel with the City Of Dallas' Drought Contingency Plan, since they are our water supply provider.

Dallas has recently made several changes to their Drought Contingency Plan, and to comply, and run parallel, changes are needed.

Staff has also added changes that are required by the Texas Natural Resources Conservation Commission regarding "System outage due to major water system components", and "Supply source contamination special precautions" which appears on page 7 of the proposed ordinance. Staff has also proposed to raise the fine for a violation from not to exceed \$1,000, to not to exceed \$2,000.

Attached is a Council resolution in the form of an Ordinance, authorizing amendment of the ordinance, as well as "Exhibit A", a redlined copy of the existing Ordinance showing the proposed changes. All of this information has been reviewed and approved by our City Attorney.

RECOMMENDATION:

Staff recommends approval.

6-17-01

COWLES & THOMPSON

A Professional Corporation
ATTORNEYS AND COUNSELORS



ANGELA K. WASHINGTON
214.672.2144
AWASHINGTON@COWLESTHOMPSON.COM

May 17, 2001

Mr. Jim Pierce
Town of Addison
P.O. Box 9010
Addison, TX 75001-9010

RE: Drought Plan Ordinance

Dear Jim:

Enclosed is the final draft of the Drought Plan Ordinance with a clean copy of Exhibit "A" for scheduling on a council agenda. Also enclosed is a redlined draft of Exhibit A. Please discard the earlier redlined draft forwarded to you, as the enclosed document includes amendments made to reflect cites to the TNRCC rules, changes discussed with Keith Thompson and a number of non-substantive changes. Please let me know if the amended document meets with your approval. If you have any questions, please give me a call.

Sincerely,

Angela K. Washington
Enclosures

2144

AKW/yjr

c: Mr. Keith Thompson, w/Town
Mr. Ken Dippel, w/firm
Mr. John Hill, w/firm

TOWN OF ADDISON, TEXAS

ORDINANCE NO. _____

AN ORDINANCE OF THE TOWN OF ADDISON, TEXAS AMENDING ARTICLE V, "DROUGHT CONTINGENCY PLAN," OF CHAPTER 34, "ENVIRONMENT," OF THE CODE OF ORDINANCES; PROVIDING A SAVINGS CLAUSE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A PENALTY NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE AND A SEPARATE OFFENSE SHALL BE DEEMED COMMITTED EACH DAY DURING OR ON WHICH A VIOLATION OCCURS OR CONTINUES; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Town of Addison, Texas (the "City") is a home rule city possessing the full powers of local self government pursuant to Article 11, Section 5, Texas Constitution and its Home Rule Charter; and

WHEREAS, pursuant to such authority and in order to protect the citizens of the City during drought conditions, the City has adopted certain regulations, otherwise known as a Drought Contingency Plan, which plan is contained in Chapter 34 of the City's Code of Ordinances; and

WHEREAS, prior to the adoption of this ordinance, the public was given an opportunity to comment regarding the amended regulations adopted herein at a public hearing held by the City Council; and

WHEREAS, following such public hearing, the City Council has determined that it is in the public interest to amend its Drought Contingency Plan as set forth herein in order to better conserve the available water supply and better 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; Now, Therefore,

BE IT ORDAINED BY THE CITY COUNCIL OF THE TOWN OF ADDISON, TEXAS:

Section 1. Incorporation of Premises. That the above and foregoing premises are true and correct and are incorporated herein and made a part hereof for all purposes.

Section 2. Amendment. That Article V, "Drought Contingency Plan," of Chapter 34, "Environment," of the Code of Ordinances of the Town of Addison is hereby amended as set forth in Exhibit A attached hereto and incorporated herein, and all other chapters, sections, subsections, paragraphs, sentences, phrases and words of the Code are not amended but are hereby ratified, verified, approved and affirmed.

Section 3. Savings. That this ordinance shall be cumulative of all other ordinances of the City affecting the water supply and shall not repeal any of the provisions of those ordinances except in those instances where the provisions of those ordinances are in direct conflict with the provisions of this ordinance.

Section 4. Severability. That the sections, paragraphs, sentences, phrases, clauses and words of this ordinance are severable, and if any section, paragraph, sentence, phrase, clause or word in this ordinance or application thereof to any person or circumstance is held invalid or unconstitutional by a Court of competent jurisdiction, such holding shall not affect the validity of the remaining portions of this ordinance, and the City Council hereby declares that it would have passed such remaining portions of this ordinance despite such invalidity, which remaining portions shall remain in full force and effect.

Section 5. Penalty. That it shall be unlawful for any person to violate any provision of this ordinance, and any person violating or failing to comply with any provision hereof shall be fined, upon conviction, in any amount not more than Two Thousand Dollars (\$2,000.00), and a separate offense shall be deemed committed each day during or on which a violation occurs or continues.

Section 6. Effective Date. That this ordinance shall become effective from and after its date of passage as provided by law.

PASSED AND APPROVED by the City Council of the Town of Addison, Texas this the _____ day of _____, 2001.

R. Scott Wheeler, Mayor

ATTEST:

By: _____
Carmen Moran, City Secretary

APPROVED AS TO FORM:

By: _____
Kenneth C. Dippel, City Attorney

EXHIBIT A

ARTICLE V. DROUGHT CONTINGENCY PLAN

Sec. 34-171. Non-essential water uses.

Water uses regulated or prohibited under this article (hereinafter referred to as the "Drought Contingency Plan" or the "Plan") are considered to be non-essential and continuation of such uses during times of water shortage or other emergency water supply condition are deemed to constitute a waste of water which subjects the offender(s) to penalties as defined in Section 34-179 of this Plan.

Sec. 34-172. Public education & notification.

(a) The city, by and through its Department of Public Works, shall 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.

(b) When drought contingency measures appear to be necessary, the public will be notified through available news media, and additional information on water conservation methods will be distributed. In the event that a trigger condition is reached, the public will be kept fully informed of the status of the drought condition through all available media.

(c) When a trigger condition has been reached and the city of Dallas Water Utilities Department informs the Town that drought contingency measures may be necessary, the city manager or duly appointed representative will order the initiation of a public notification process. The public notification process will include, but is not limited to the following:

(1) A notice of drought condition will be posted at Town Hall, the post office, Recreation Center, major supermarkets, and shopping centers.

(2) The notice will be circulated to local newspapers and radio stations via Public Service Announcement. Information regarding the contingency measures for the drought condition will be mailed to all water customers by means of utility bill inserts and posted on the Town's web page.

Sec. 34-173. Coordination with regional water planning groups.

The service area of the city is located within Texas Natural Resource Conservation Commission ("TNRCC") Region C and the Town of Addison, Texas has provided a copy of this plan to the TNRCC, City of Dallas, and State Planning Region.

Sec. 34-174. Authorization.

The city manager, or his/her designee, is hereby authorized and directed to implement the applicable provisions of the 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.

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Landscape irrigation use means 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 means 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 as 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 means street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.

Sec. 34-177. Triggering criteria for initiation and termination of drought response stages.

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Triggering criteria: Total raw water supply in connected lakes drops below 55 percent of total conservation storage, demand exceeds 90 percent of deliverable capacity for three consecutive days, or short term deficiencies in distribution system limit supply capability.

Below are examples of the types of triggering criteria that might be used in a drought contingency plan. One or a combination of such criteria may be defined for each drought response stage:

Example 1: When, pursuant to requirements specified in the city wholesale water purchase contract with the City of Dallas, notification is received requesting initiation of Stage 1 of the drought contingency plan.

Example 2: Continually falling treated water reservoir levels which do not refill above 50 percent overnight (e.g., based on an evaluation of minimum treated water storage required to avoid system outage).

Actions available (applied to all customers as necessary).

- The city manager or designee requests voluntary reductions in water use.
- Accelerate public information efforts to teach and encourage reduced water use.
- Staff will begin a review of the problems which initiated the Stage 1 actions.
- Notify major water users and work with them to achieve voluntary water use reduction.
- Prohibit city government use of water for street washing, vehicle washing, operation of ornamental fountains and all other nonessential use.
- Request a reduction in landscape watering by city government.

Termination criteria: All initiated actions will remain in effect until the conditions which triggered Stage 1 have been alleviated. If Stage 1 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that these measures are no longer required.

Stage 2: Water Watch

Triggering Criteria: Total raw water supply in connected lakes drops below 50 percent of total conservation storage or demand exceeds 95 percent of deliverable capacity for two consecutive days. Stage 2 actions will not ordinarily be taken until Stage 1 actions have first been implemented.

Actions available (applied to all customers, as necessary).

- Continue public information efforts regarding water supply conditions and conservation efforts.
- Begin mandatory water use restrictions as follows:
 - Prohibit hosing off of paved areas, buildings or windows; operation of ornamental fountains, swimming pool draining followed by refilling, washing or rinsing vehicles by hose; using water in such a manner as to allow runoff or other water wastes.

Exceptions: Vehicles may be washed or rinsed with a hose at commercial car washes; vehicles may be washed at any location with a bucket or other container.

- Limit landscape watering at each service address to once every five days based on the last digit of the address per the schedule below.

Last Digit of Address	Allowed Water Dates
0 and 5	5 th , 10 th , 15 th , 20 th , 25 th , 30 th
1 and 6	1 st 6 th , 11 th , 16 th , 21 st , 26 th
2 and 7	2 nd , 7 th , 12 th , 17 th , 22 nd , 27 th
3 and 8	3 rd , 8 th , 13 th , 18 th , 23 rd , 28 th
4 and 9	4 th , 9 th , 14 th , 19 th , 24 th , 29 th

No watering will be allowed on the 31st. Apartments, office building complexes or other property containing multiple addresses will be identified by the lowest address number.

Where there are no numbers, a number will be assigned by the director. These restrictions also apply to government facilities.

Exceptions: Foundations, azaleas, and new plantings (first year) of trees and shrubs may be watered with a hand-held or soaker hose on any day for up to two hours; nurseries may water plant stock only without restrictions; public gardens may water without restriction.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed \$2,000.00 per incident.

Termination Criteria: All initiated actions will remain in effect until the conditions which triggered Stage 2 have been alleviated. If Stage 2 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that conditions exist which will allow removal of Stage 2 actions.

Stage 3: Water Warning

Triggering criteria: Total raw water supply in connected lakes drops below 35 percent of total conservation storage or demand exceeds 95 percent of deliverable capacity for five consecutive days. Stage 3 actions will not ordinarily be taken until Stage 2 actions have first been implemented.

Actions Available (applied to all customers, as necessary).

- Implement recommended engineering alternatives.

- Continue implementation of all restrictions from previous stages.
- Prohibit residential or commercial lawn watering and car washing between the hours of 9 a.m. and 9 p.m.
- Foundations, shrubs, and trees may be watered with soaker or hand-held hose on the same five-day rotational basis and landscapes for up to two hours.
- Public gardens may water only between the hours of 9 p.m. and 9 a.m.
- Nurseries may water plant stock only between the hours of 9 p.m. and 9 a.m.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed \$2,000.00 per incident.

Termination criteria: All initiated actions will remain in effect until the conditions which triggered Stage 3 have been alleviated. If Stage 3 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that conditions exist which will allow removal of Stage 3 actions.

Stage 4: Water Emergency

Triggering Criteria: Total raw water supply in connected lakes drops below 20 percent of total conservation storage or demand exceeds 100 percent of deliverable capacity for two consecutive days. Stage 4 actions will not ordinarily be taken until Stage 3 actions have first been implemented.

Actions Available (applied to all customers, as necessary).

- Continue implementation of all restrictions from previous stages.
- Prohibit all commercial and residential landscape watering including golf courses with the following exceptions:
 - Nurseries' plant stock may be watered between the hours of 9 p.m. and 9 a.m. once every five days based on the last digit of their address per the schedule in Stage 2.
 - Public gardens may water between the hours of 9 p.m. and 9 a.m. once every five days based on the last digit of their address per the schedule in Stage 2.
 - Foundations may be watered for a two hour period between the hours of 9 p.m. and 9 a.m. with a soaker or hand-held hose on the five-day rotational basis prescribed for landscape watering in Stage 2.
- Any and all washing of vehicles is prohibited.

- All commercial water users may be required to reduce water consumption by a percentage determined by the director.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed \$2,000.00 per incident.

Termination Criteria: All initiated actions will remain in effect until the conditions which triggered Stage 4 have been alleviated. If Stage 4 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that conditions exist which will allow removal of Stage 4 actions.

Stage 5: Emergency Water Shortage

- (a) System outage due to major water system components.

Triggering Criteria: A system outage to one of the Town's two water pump stations, which are located at each end of town. In the event of such outage, the second pump station will be used. In addition, the Town of Addison has four city of Dallas emergency stand-by meters connected to the Town's distribution system that can be used to supplement the Town's supply after notification to the city of Dallas.

Actions Available (applied to all customers).

- Initiate or continue implementation of all restrictions from previous stages as directed by the City Manager or his designee.
- Prohibit all commercial and residential landscape watering. All commercial water users will be required to reduce water consumption by a percentage determined by the City Manager or his designee.

- (b) Supply source contamination special precautions.

Triggering Criteria: Water system contamination caused by low distribution pressures (below 20 psi), repeated unacceptable microbiological samples, or failure to maintain adequate chlorine residuals. In the event of such contamination, the affected area shall be isolated from the distribution system immediately and special precautions shall be taken in accordance with Subsection (q), "Special Precautions," of Section 290.46, "Minimum Acceptable Operating Practices for Public Drinking Water Systems," of Subchapter D, "Rules and Regulations for Public Water Systems," of Chapter 290, "Public Drinking Water," of Part 1, "Texas Natural Resource Conservation Commission," of Title 30, "Environmental Quality," of the Texas Administrative Code, in its current form and as it may hereafter be amended.

Water customers in the affected area shall be notified immediately with a "Boil Water Notice" and a letter explaining the situation and containing recommendations to the water customer regarding the use of bottled water. The "Flow chart" contained in Appendix H of Section 290.47, "Appendices," of Subchapter D, "Rules and Regulations for Public Water Systems," of Chapter 290, "Public Drinking Water," of Part 1, "Texas Natural Resource

Conservation Commission," of Title 30, "Environmental Quality," of the Texas Administrative Code, in its current form and as it may hereafter be amended, shall be used to evaluate the response measures necessary to correct the condition.

Actions Available (applied to all affected customers).

- Hand deliver Boil Water Notice to all water customers affected.
- Prohibit all water usage for human consumption for 24 to 36 hours, as determined by the City Manager or his designee.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed \$2,000.00 per incident.

Termination Criteria: All initiated actions will remain in effect until the conditions which triggered Stage 5 have been alleviated. If Stage 5 is initiated because of Water Supply Contamination, all initiated actions will remain in effect until the City Manager or his designee determines that conditions exist which will allow removal of Stage 5 actions.

Sec. 34-178. Variances.

The city manager (designated official), 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 a variance would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

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

Persons requesting an exemption from the provisions of this article shall file a petition for a variance with the city 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:

- (a) Name and address of the petitioner(s).
- (b) Purpose of water use.
- (c) Specific provision(s) of the Plan from which the petitioner is requesting relief.
- (d) Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this article.
- (e) Description of the relief requested.

- (f) Period of time for which the variance is sought.
- (g) Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.
- (h) Other pertinent information as may be required by the city manager or his designee.

Variations granted by the city manager or his designee shall be subject to the following conditions, unless waived or modified by the city manager (designated official) or his/her designee:

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

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

Sec. 34-179. Penalty.

It shall be unlawful for any person to violate any provision of this article, and any person violating or failing to comply with any provision hereof shall be fined, upon conviction, in an amount not more than \$2000.00, and a separate offense shall be deemed committed each day during or on which a violation occurs or continues.

EXHIBIT A

ARTICLE V. DROUGHT CONTINGENCY PLAN

Sec. 34-171. ~~Incorporation of premises;~~ Non-essential water uses.

~~The above and foregoing premises are true and correct and are incorporated herein and made a part hereof for all purposes.~~

Water uses regulated or prohibited under this article (hereinafter referred to as the "Drought Contingency Plan" or the "Plan") are considered to be non-essential and continuation of such uses during times of water shortage or other emergency water supply condition are deemed to constitute a waste of water which subjects the offender(s) to penalties as defined in ~~section 34-177~~ Section 34-179 of this ~~p~~Plan.

Sec. 34-172. Public education & notification.

(a) The city, by and through its Department of Public Works, shall 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 may be provided by means of utility bill inserts and press releases or such other means as the Director of Public Works may determine.~~

(b) When drought contingency measures appear to be necessary, the public will be notified through available news media, and additional information on water conservation methods will be distributed. In the event that a trigger condition is reached, the public will be kept fully informed of the status of the drought condition through all available media.

(c) When a trigger condition has been reached and the city of Dallas Water Utilities Department informs the Town that drought contingency measures may be necessary, the city manager or duly appointed representative will order the initiation of a public notification process. The public notification process will include, but is not limited to the following:

(1) A notice of drought condition will be posted at Town Hall, the post office, Recreation Center, major supermarkets, and shopping centers.

(2) The notice will be circulated to local newspapers and radio stations via Public Service Announcement. Information regarding the contingency measures for the drought condition will be mailed to all water customers by means of utility bill inserts and posted on the Town's web page.

Sec. 34-173. Coordination with regional water planning groups.

The service area of the city is located within Texas Natural Resource Conservation Commission ("TNRCC") Region C and the Town of Addison, Texas has provided a copy of this plan to the TNRCC, City of Dallas, and State Planning Region.

Sec. 34-174. Authorization.

The city manager, or his/her designee, is hereby authorized and directed to implement the applicable provisions of the 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.

Sec. 34-175. Application.

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

Sec. 34-176. Definitions.

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

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

Commercial and institutional water use means 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 means 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 means any person, company, or organization using water supplied by the city.

Domestic water use means 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 number address means street addresses, box numbers, or rural postal route numbers ending in 0, 2, 4, 6, or 8 and locations without addresses.

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

Landscape irrigation use means 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 means 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 as 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 means street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.

Sec. 34-177. Triggering criteria for initiation and termination of drought response stages.

The city purchases 100 percent of its potable water from the City of Dallas. Therefore, the emergency water management triggering measures will be the same as those of the City of Dallas. Also, triggering criteria may be initiated as a result of short term deficiencies and or emergencies specific to the Town of Addison.

Following are the triggering criteria for initiation and termination of drought response stages:

Stage 1: Water ~~Watch~~ Awareness

Triggering criteria: Total raw water supply in connected lakes drops below 55 percent of total conservation storage, demand exceeds 90 percent of deliverable capacity for three consecutive days, or short term deficiencies in distribution system limit supply capability.

Below are examples of the types of triggering criteria that might be used in a drought contingency plan. One or a combination of such criteria may be defined for each drought response stage:

Example 1: When, pursuant to requirements specified in the city wholesale water purchase contract with the City of Dallas, notification is received requesting initiation of sStage 1 of the drought contingency plan.

Example 2: Continually falling treated water reservoir levels which do not refill above 50 percent overnight (e.g., based on an evaluation of minimum treated water storage required to avoid system outage).

Actions available (applied to all customers as necessary).

- The city manager or designee requests voluntary reductions in water use.
- Accelerate public information efforts to teach and encourage reduced water use.
- Staff will begin a review of the problems which initiated the Stage 1 actions.
- Notify major water users and work with them to achieve voluntary water use reduction.
- Prohibit city government use of water for street washing, vehicle washing, operation of ornamental fountains and all other nonessential use.
- Request a reduction in landscape watering by city government.

Termination criteria: All initiated actions will remain in effect until the conditions which triggered Stage 1 have been alleviated. If Stage 1 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that these measures are no longer required.

Stage 2: Water Warning Watch

Triggering Criteria: Total raw water supply in connected lakes drops below 50 percent of total conservation storage or demand exceeds 95 percent of deliverable capacity for two consecutive days. Stage 2 actions will not ordinarily be taken until Stage 1 actions have first been implemented.

Actions available (applied to all customers, as necessary).

- Continue public information efforts regarding water supply conditions and conservation efforts.
- Begin mandatory water use restrictions as follows:

- Prohibit hosing off of paved areas, buildings or windows; operation of ornamental fountains, swimming pool draining followed by refilling, washing or rinsing vehicles by hose; using water in such a manner as to allow runoff or other water wastes.

Exceptions: Vehicles may be washed or rinsed with a hose at commercial car washes; vehicles may be washed at any location with a bucket or other container.

- Limit landscape watering at each service address to once every five days based on the last digit of the address per the schedule below.

Last Digit of Address	Allowed Water Dates
0 and 5	5 th , 10 th , 15 th , 20 th , 25 th , 30 th
1 and 6	1 st 6 th , 11 th , 16 th , 21 st , 26 th
2 and 7	2 nd , 7 th , 12 th , 17 th , 22 nd , 27 th
3 and 8	3 rd , 8 th , 13 th , 18 th , 23 rd , 28 th
4 and 9	4 th , 9 th , 14 th , 19 th , 24 th , 29 th

No watering will be allowed on the 31st. Apartments, office building complexes or other property containing multiple addresses will be identified by the lowest address number.

Where there are no numbers, a number will be assigned by the director. These restrictions also apply to government facilities.

Exceptions: Foundations, azaleas, and new plantings (first year) of trees and shrubs may be watered with a hand-held or soaker hose on any day for up to two hours; nurseries may water plant stock only without restrictions; public gardens; may water without restriction.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed ~~\$1,000.00~~ \$2,000.00 per incident.

Termination Criteria: All initiated actions will remain in effect until the conditions which triggered Stage 2 have been alleviated. If Stage 2 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that conditions exist which will allow removal of Stage 2 actions.

Stage 3: Water Emergency Warning

Triggering criteria: Total raw water supply in connected lakes drops below 35 percent of total conservation storage or demand exceeds 95 percent of deliverable capacity for five consecutive days. Stage 3 actions will not ordinarily be taken until Stage 2 actions have first been implemented.

- Any and all washing of vehicles is prohibited.
- All commercial water users may be required to reduce water consumption by a percentage determined by the director.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed ~~\$1,000.00~~ \$2,000.00 per incident.

Termination Criteria: All initiated actions will remain in effect until the conditions which triggered Stage 4 have been alleviated. If Stage 4 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that conditions exist which will allow removal of Stage 4 actions.

Stage 5: Emergency Water Shortage

(a) System outage due to major water system components.

Triggering Criteria: A system outage to one of the Town's two water pump stations, which are located at each end of town. In the event of such outage, the second pump station will be used. In addition, the Town of Addison has four city of Dallas emergency stand-by meters connected to the Town's distribution system that can be used to supplement the Town's supply after notification to the city of Dallas.

Actions Available (applied to all customers).

- Initiate or continue implementation of all restrictions from previous stages as directed by the City Manager or his designee.
- Prohibit all commercial and residential landscape watering. All commercial water users will be required to reduce water consumption by a percentage determined by the City Manager or his designee.

(b) Supply source contamination special precautions.

Triggering Criteria: Water system contamination caused by low distribution pressures (below 20 psi), repeated unacceptable microbiological samples, or failure to maintain adequate chlorine residuals. In the event of such contamination, the affected area shall be isolated from the distribution system immediately and special precautions shall be taken in accordance with Subsection (q), "Special Precautions," of Section 290.46, "Minimum Acceptable Operating Practices for Public Drinking Water Systems," of Subchapter D, "Rules and Regulations for Public Water Systems," of Chapter 290, "Public Drinking Water," of Part 1, "Texas Natural Resource Conservation Commission," of Title 30, "Environmental Quality," of the Texas Administrative Code, in its current form and as it may hereafter be amended.

Water customers in the affected area shall be notified immediately with a "Boil Water Notice," and a letter explaining the situation and containing recommendations to the water customer regarding the use of bottled water. The "Flow chart" contained in Appendix H of

Section 290.47, "Appendices," of Subchapter D, "Rules and Regulations for Public Water Systems," of Chapter 290, "Public Drinking Water," of Part 1, "Texas Natural Resource Conservation Commission," of Title 30, "Environmental Quality," of the Texas Administrative Code, in its current form and as it may hereafter be amended, will be used to evaluate the response measures necessary to correct the condition.

Actions Available (applied to all affected customers).

- Hand deliver Boil Water Notice to all water customers affected.
- Prohibit all water usage for human consumption for 24 to 36 hours, as determined by the City Manager or his designee.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed \$2,000.00 per incident.

Termination Criteria: All initiated actions will remain in effect until the conditions which triggered Stage 5 have been alleviated. If Stage 5 is initiated because of Water Supply Contamination, all initiated actions will remain in effect until the City Manager or his designee determines that conditions exist which will allow removal of Stage 5 actions.

Sec. 34-178. Variances.

The city manager (designated official), 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 a variance would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

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

Persons requesting an exemption ~~for~~ from the provisions of this article shall file a petition for a variance with the city 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:

- (a) Name and address of the petitioner(s).
- (b) Purpose of water use.
- (c) Specific provision(s) of the ~~p~~lan from which the petitioner is requesting relief.

- (d) Detailed statement as to how the specific provision of the pPlan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this article.
- (e) Description of the relief requested.
- (f) Period of time for which the variance is sought.
- (g) Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this pPlan and the compliance date.
- (h) Other pertinent information as may be required by the city manager or his designee.

Variations granted by the city manager or his designee shall be subject to the following conditions, unless waived or modified by the city manager (designated official) or his/her designee:

- Variations granted shall include a timetable for compliance.
- Variations granted shall expire when the Plan is ~~not~~ no longer in effect, unless the petitioner has failed to meet specified requirements.

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

Sec. 34-179. Penalty.

It shall be unlawful for any person to violate any provision of this article, and any person violating or failing to comply with any provision hereof shall be fined, upon conviction, in an amount not more than ~~\$1,000.00~~ \$2000.00, and a separate offense shall be deemed committed each day during or on which a violation occurs or continues.

*Emile Johnson
Good*

EXHIBIT A

ARTICLE V. DROUGHT CONTINGENCY PLAN

Sec. 34-171. ~~Incorporation of premises;~~ Non-essential water uses.

~~The above and foregoing premises are true and correct and are incorporated herein and made a part hereof for all purposes.~~

Water uses regulated or prohibited under this article (hereinafter referred to as the "Drought Contingency Plan" or the "Plan") are considered to be non-essential and continuation of such uses during times of water shortage or other emergency water supply condition are deemed to constitute a waste of water which subjects the offender(s) to penalties as defined in ~~section 34-177~~ Section 34-179 of this ~~p~~Plan.

Sec. 34-172. Public education & notification.

(a) ~~The city, by and through its Department of Public Works, shall 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 may be provided by means of utility bill inserts and press releases or such other means as the Director of Public Works may determine.~~

(b) When drought contingency measures appear to be necessary, the public will be notified through available news media, and additional information on water conservation methods will be distributed. In the event that a trigger condition is reached, the public will be kept fully informed of the status of the drought condition through all available media.

(c) When a trigger condition has been reached and the city of Dallas Water Utilities Department informs the Town that drought contingency measures may be necessary, the city manager or duly appointed representative will order the initiation of a public notification process. The public notification process will include, but is not limited to the following:

(1) A notice of drought condition will be posted at Town Hall, the post office, Recreation Center, major supermarkets, and shopping centers.

(2) The notice will be circulated to local newspapers and radio stations via Public Service Announcement. Information regarding the contingency measures for the drought condition will be mailed to all water customers by means of utility bill inserts and posted on the Town's web page.

Sec. 34-173. Coordination with regional water planning groups.

The service area of the city is located within Texas Natural Resource Conservation Commission ("TNRCC") Region C and the Town of Addison, Texas has provided a copy of this plan to the TNRCC, City of Dallas, and State Planning Region.

Sec. 34-174. Authorization.

The city manager, or his/her designee, is hereby authorized and directed to implement the applicable provisions of the 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.

Sec. 34-175. Application.

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

Sec. 34-176. Definitions.

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

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

Commercial and institutional water use means 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 means 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 means any person, company, or organization using water supplied by the city.

Domestic water use means 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 number address means street addresses, box numbers, or rural postal route numbers ending in 0, 2, 4, 6, or 8 and locations without addresses.

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

Landscape irrigation use means 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 means 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 as 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 means street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.

Sec. 34-177. Triggering criteria for initiation and termination of drought response stages.

The city purchases 100 percent of its potable water from the City of Dallas. Therefore, the emergency water management triggering measures will be the same as those of the City of Dallas. Also, triggering criteria may be initiated as a result of short term deficiencies and or emergencies specific to the Town of Addison.

Following are the triggering criteria for initiation and termination of drought response stages:

Stage 1: Water ~~Watch~~ Awareness

Triggering criteria: Total raw water supply in connected lakes drops below 55 percent of total conservation storage, demand exceeds 90 percent of deliverable capacity for three consecutive days, or short term deficiencies in distribution system limit supply capability.

Below are examples of the types of triggering criteria that might be used in a drought contingency plan. One or a combination of such criteria may be defined for each drought response stage:

Example 1: When, pursuant to requirements specified in the city wholesale water purchase contract with the City of Dallas, notification is received requesting initiation of sStage 1 of the drought contingency plan.

Example 2: Continually falling treated water reservoir levels which do not refill above 50 percent overnight (e.g., based on an evaluation of minimum treated water storage required to avoid system outage).

Actions available (applied to all customers as necessary).

- The city manager or designee requests voluntary reductions in water use.
- Accelerate public information efforts to teach and encourage reduced water use.
- Staff will begin a review of the problems which initiated the Stage 1 actions.
- Notify major water users and work with them to achieve voluntary water use reduction.
- Prohibit city government use of water for street washing, vehicle washing, operation of ornamental fountains and all other nonessential use.
- Request a reduction in landscape watering by city government.

Termination criteria: All initiated actions will remain in effect until the conditions which triggered Stage 1 have been alleviated. If Stage 1 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that these measures are no longer required.

Stage 2: Water Warning Watch

Triggering Criteria: Total raw water supply in connected lakes drops below 50 percent of total conservation storage or demand exceeds 95 percent of deliverable capacity for two consecutive days. Stage 2 actions will not ordinarily be taken until Stage 1 actions have first been implemented.

Actions available (applied to all customers, as necessary).

- Continue public information efforts regarding water supply conditions and conservation efforts.
- Begin mandatory water use restrictions as follows:

- Prohibit hosing off of paved areas, buildings or windows; operation of ornamental fountains, swimming pool draining followed by refilling, washing or rinsing vehicles by hose; using water in such a manner as to allow runoff or other water wastes.

Exceptions: Vehicles may be washed or rinsed with a hose at commercial car washes; vehicles may be washed at any location with a bucket or other container.

- Limit landscape watering at each service address to once every five days based on the last digit of the address per the schedule below.

Last Digit of Address	Allowed Water Dates
0 and 5	5 th , 10 th , 15 th , 20 th , 25 th , 30 th
1 and 6	1 st , 6 th , 11 th , 16 th , 21 st , 26 th
2 and 7	2 nd , 7 th , 12 th , 17 th , 22 nd , 27 th
3 and 8	3 rd , 8 th , 13 th , 18 th , 23 rd , 28 th
4 and 9	4 th , 9 th , 14 th , 19 th , 24 th , 29 th

No watering will be allowed on the 31st. Apartments, office building complexes or other property containing multiple addresses will be identified by the lowest address number.

Where there are no numbers, a number will be assigned by the director. These restrictions also apply to government facilities.

Exceptions: Foundations, azaleas, and new plantings (first year) of trees and shrubs may be watered with a hand-held or soaker hose on any day for up to two hours; nurseries may water plant stock only without restrictions; public gardens; may water without restriction.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed ~~\$1,000.00~~ \$2,000.00 per incident.

Termination Criteria: All initiated actions will remain in effect until the conditions which triggered Stage 2 have been alleviated. If Stage 2 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that conditions exist which will allow removal of Stage 2 actions.

Stage 3: Water Emergency Warning

Triggering criteria: Total raw water supply in connected lakes drops below 35 percent of total conservation storage or demand exceeds 95 percent of deliverable capacity for five consecutive days. Stage 3 actions will not ordinarily be taken until Stage 2 actions have first been implemented.

Actions Available (applied to all customers, as necessary).

- Implement recommended engineering alternatives.
- Continue implementation of all restrictions from previous stages.
- Prohibit residential or commercial lawn watering and car washing between the hours of 9 a.m. and 9 p.m.
- Foundations, shrubs, and trees may be watered with soaker or hand-held hose on the same five-day rotational basis and landscapes for up to two hours.
- Public gardens may water only between the hours of 9 p.m. and 9 a.m.
- Nurseries may water plant stock only between the hours of 9 p.m. and 9 a.m.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed \$1,000.00 \$2,000.00 per incident.

Termination criteria: All initiated actions will remain in effect until the conditions which triggered Stage 3 have been alleviated. If Stage 3 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that conditions exist which will allow removal of Stage 3 actions.

Stage 4: Water Crisis Emergency

Triggering Criteria: Total raw water supply in connected lakes drops below 20 percent of total conservation storage or demand exceeds 100 percent of deliverable capacity for two consecutive days. Stage 4 actions will not ordinarily be taken until Stage 3 actions have first been implemented.

Actions Available (applied to all customers, as necessary).

- Continue implementation of all restrictions from previous stages.
- Prohibit all commercial and residential landscape watering including golf courses with the following exceptions:
 - Nurseries' plant stock may be watered between the hours of 9 p.m. and 9 a.m. once every five days based on the last digit of their address per the schedule in Stage 2.
 - Public gardens, may water between the hours of 9 p.m. and 9 a.m. once every five days based on the last digit of their address per the schedule in Stage 2.
 - Foundations may be watered for a two hour period between the hours of 9 p.m. and 9 a.m. with a soaker or hand-held hose on the five-day rotational basis prescribed for landscape watering in Stage 2.

- Any and all washing of vehicles is prohibited.
- All commercial water users may be required to reduce water consumption by a percentage determined by the director.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed ~~\$1,000.00~~ \$2,000.00 per incident.

Termination Criteria: All initiated actions will remain in effect until the conditions which triggered Stage 4 have been alleviated. If Stage 4 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the Director of Dallas Water Utilities determines that conditions exist which will allow removal of Stage 4 actions.

Stage 5: Emergency Water Shortage

(a) System outage due to major water system components.

Triggering Criteria: A system outage to one of the Town's two water pump stations, which are located at each end of town. In the event of such outage, the second pump station will be used. In addition, the Town of Addison has four city of Dallas emergency stand-by meters connected to the Town's distribution system that can be used to supplement the Town's supply after notification to the city of Dallas.

Actions Available (applied to all customers).

- Initiate or continue implementation of all restrictions from previous stages as directed by the City Manager or his designee.
- Prohibit all commercial and residential landscape watering. All commercial water users will be required to reduce water consumption by a percentage determined by the City Manager or his designee.

(b) Supply source contamination special precautions.

Triggering Criteria: Water system contamination caused by low distribution pressures (below 20 psi), repeated unacceptable microbiological samples, or failure to maintain adequate chlorine residuals. In the event of such contamination, the affected area shall be isolated from the distribution system immediately and special precautions shall be taken in accordance with Subsection (q), "Special Precautions," of Section 290.46, "Minimum Acceptable Operating Practices for Public Drinking Water Systems," of Subchapter D, "Rules and Regulations for Public Water Systems," of Chapter 290, "Public Drinking Water," of Part 1, "Texas Natural Resource Conservation Commission," of Title 30, "Environmental Quality," of the Texas Administrative Code, in its current form and as it may hereafter be amended.

Water customers in the affected area shall be notified immediately with a "Boil Water Notice," and a letter explaining the situation and containing recommendations to the water customer regarding the use of bottled water. The "Flow chart" contained in Appendix H of

Section 290.47, "Appendices," of Subchapter D, "Rules and Regulations for Public Water Systems," of Chapter 290, "Public Drinking Water," of Part 1, "Texas Natural Resource Conservation Commission," of Title 30, "Environmental Quality," of the Texas Administrative Code, in its current form and as it may hereafter be amended, will be used to evaluate the response measures necessary to correct the condition.

Actions Available (applied to all affected customers).

- Hand deliver Boil Water Notice to all water customers affected.
- Prohibit all water usage for human consumption for 24 to 36 hours, as determined by the City Manager or his designee.

Enforcement: Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed \$2,000.00 per incident.

Termination Criteria: All initiated actions will remain in effect until the conditions which triggered Stage 5 have been alleviated. If Stage 5 is initiated because of Water Supply Contamination, all initiated actions will remain in effect until the City Manager or his designee determines that conditions exist which will allow removal of Stage 5 actions.

Sec. 34-178. Variances.

The city manager (designated official), 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 a variance would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

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

Persons requesting an exemption ~~for~~ from the provisions of this article shall file a petition for a variance with the city 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:

- (a) Name and address of the petitioner(s).
- (b) Purpose of water use.
- (c) Specific provision(s) of the ~~p~~lan from which the petitioner is requesting relief.

- (d) Detailed statement as to how the specific provision of the pPlan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this article.
- (e) Description of the relief requested.
- (f) Period of time for which the variance is sought.
- (g) Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this pPlan and the compliance date.
- (h) Other pertinent information as may be required by the city manager or his designee.

Variances granted by the city manager or his designee shall be subject to the following conditions, unless waived or modified by the city manager (designated official) or his/her designee:

- Variances granted shall include a timetable for compliance.
- Variances granted shall expire when the Plan is ~~not~~ no longer in effect, unless the petitioner has failed to meet specified requirements.

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

Sec. 34-179. Penalty.

It shall be unlawful for any person to violate any provision of this article, and any person violating or failing to comply with any provision hereof shall be fined, upon conviction, in an amount not more than ~~\$1,000.00~~ \$2000.00, and a separate offense shall be deemed committed each day during or on which a violation occurs or continues.

TOWN OF ADDISON, TEXAS

ORDINANCE NO. _____

AN ORDINANCE OF THE TOWN OF ADDISON, TEXAS AMENDING ARTICLE V, "DROUGHT CONTINGENCY PLAN," OF CHAPTER 34, "ENVIRONMENT," OF THE CODE OF ORDINANCES; PROVIDING A SAVINGS CLAUSE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A PENALTY NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE AND A SEPARATE OFFENSE SHALL BE DEEMED COMMITTED EACH DAY DURING OR ON WHICH A VIOLATION OCCURS OR CONTINUES; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Town of Addison, Texas (the "City") is a home rule city possessing the full powers of local self government pursuant to Article 11, Section 5, Texas Constitution and its Home Rule Charter; and

WHEREAS, pursuant to such authority and in order to protect the citizens of the City during drought conditions, the City has adopted certain regulations, otherwise known as a Drought Contingency Plan, which plan is contained in Chapter 34 of the City's Code of Ordinances; and

WHEREAS, prior to the adoption of this ordinance, the public was given an opportunity to comment regarding the amended regulations adopted herein at a public hearing held by the City Council; and

WHEREAS, following such public hearing, the City Council has determined that it is in the public interest to amend its Drought Contingency Plan as set forth herein in order to better conserve the available water supply and better 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; Now, Therefore,

BE IT ORDAINED BY THE CITY COUNCIL OF THE TOWN OF ADDISON, TEXAS:

Section 1. Incorporation of Premises. That the above and foregoing premises are true and correct and are incorporated herein and made a part hereof for all purposes.

Section 2. Amendment. That Article V, "Drought Contingency Plan," of Chapter 34, "Environment," of the Code of Ordinances of the Town of Addison is hereby amended as set forth in Exhibit A attached hereto and incorporated herein, and all other chapters, sections, subsections, paragraphs, sentences, phrases and words of the Code are not amended but are hereby ratified, verified, approved and affirmed.

Section 3. Savings. That this Ordinance shall be cumulative of all other ordinances of the City affecting the disposal of surplus property and shall not repeal any of the provisions of those ordinances except in those instances where the provisions of those Ordinances are in direct conflict with the provisions of this Ordinance.

Section 4. Severability. That the sections, paragraphs, sentences, phrases, clauses and words of this Ordinance are severable, and if any section, paragraph, sentence, phrase, clause or word in this Ordinance or application thereof to any person or circumstance is held invalid or unconstitutional by a Court of competent jurisdiction, such holding shall not affect the validity of the remaining portions of this Ordinance, and the City Council hereby declares that it would have passed such remaining portions of this Ordinance despite such invalidity, which remaining portions shall remain in full force and effect.

Section 5. Penalty. That it shall be unlawful for any person to violate any provision of this Ordinance, and any person violating or failing to comply with any provision hereof shall be fined, upon conviction, in any amount not more than Two Thousand Dollars (\$2,000.00), and a separate offense shall be deemed committed each day during or on which a violation occurs or continues.

Section 6. Effective Date. That this Ordinance shall become effective from and after its date of passage as provided by law.

PASSED AND APPROVED by the City Council of the Town of Addison, Texas this the _____ day of _____, 2001.

R. Scott Wheeler, Mayor

ATTEST:

By: _____
Carmen Moran, City Secretary

APPROVED AS TO FORM:

By: _____
Kenneth C. Dippel, City Attorney

Jim Pierce

From: Jim Pierce
Sent: Friday, April 06, 2001 3:34 PM
To: Kenneth C. Dippel (E-mail)
Cc: Chris Terry; Michael Murphy; Keith Thompson
Subject: Drought Contingency Plan Ordinance

Ken: Attached is an update to our existing Drought Contingency Plan Ordinance. Please look over. We need to revise this ordinance to be in compliance with Dallas' Drought Contingency Plan (which they just revised). This needs to go to Council as soon as practicable. Thanks,



UPDATED DROUGHT
PLAN.htm

Jim Pierce, P.E.
Assistant Public Works Director
PO Box 9010
Addison, TX 75001-9010
972-450-2879