

**ORDINANCE NO. O2024-10**

**AN ORDINANCE OF THE CITY OF WEATHERFORD, TEXAS, AMENDING CHAPTER 16 "WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN" OF TITLE VIII "HEALTH AND SANITATION" OF THE OFFICIAL CITY CODE OF THE CITY OF WEATHERFORD TO ADOPT THE 2024 WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN; REPEALING AND REPLACING ORDINANCE NO. O2019-12; PROVIDING THAT THIS ORDINANCE SHALL BE CUMULATIVE OF ALL ORDINANCES; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A PENALTY CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING FOR PUBLICATION; AND PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, the City of Weatherford, Texas ("City"), is a home rule City acting under its charter adopted by the electorate pursuant to Article XI, Section 5 of the Texas Constitution and Chapter 9 of the Local Government Code; and

**WHEREAS**, the City recognizes that the amount of water available to it and its water utility customers is limited and subject to depletion during periods of extended drought; and

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

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

**WHEREAS**, the City Council of the City of Weatherford desires to have in place a program of water conservation and a plan to mitigate the effects on the water supply and water system during periods of drought; and

**WHEREAS**, the goal of the water conservation program will be to reduce total retail per capita water consumption by an additional two and one half percent (2.5%) within five (5) years of adopting the 2024 Water Conservation and Drought Contingency Plan and an additional two and one half percent (2.5%) within ten (10) years, for a total of 5%; and to reduce total residential per capita water consumption by an additional one percent (1%) within five (5) years of adopting the 2024 Water Conservation and Drought Contingency Plan and an additional one percent (1%) within ten (10) years, for a total of 2%; and

**WHEREAS**, the above stated commitments are conditioned on the adoption of a program of water conservation for the efficient use of water that will meet reasonable anticipated local needs and conditions, and which is approved by the Executive Administrator of the Texas Water Development Board; and

**WHEREAS**, the City Council desires to adopt the 2024 Water Conservation and Drought Contingency Plan for the City of Weatherford, attached to this Ordinance as Exhibit A and incorporated herein.

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF WEATHERFORD, TEXAS:**

### **SECTION 1.**

Chapter 16 “Water Conservation and Drought Contingency Plan” of Title VIII “Health and Sanitation” of the Official City Code of the City of Weatherford be and is hereby amended in its entirety to read as follows:

### **“CHAPTER 16. - WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN**

#### **ARTICLE I. – IN GENERAL**

##### **Sec 8-16-1. - Adoption.**

In order to conserve the available water supply and protect the integrity of the water supply facilities, with particular regard for domestic use, sanitation, and fire protection; and to protect and preserve public health, welfare, and safety; and to minimize the adverse impacts of water supply shortage and other water supply emergency conditions, the city hereby adopts the 2024 Water Conservation and Drought Contingency Plan for the City of Weatherford, Texas, attached to Ordinance No. O2024-10 as Exhibit A, and fully incorporated by reference as though copied into this chapter in its entirety. The material contained in the 2024 Water Conservation and Drought Contingency Plan shall not be included in the formal municipal codification of ordinances, but shall be maintained as a public record in the office of the city secretary and will be available for public inspection and copying during regular business hours.

##### **Sec. 8-16-2—8.16-47. – Reserved.”**

### **SECTION 2.**

The Water Conservation Plan establishes year-round water conservation measures to be taken by all customers of the City’s water system during periods of non-drought conditions.

### **SECTION 3.**

The Drought Contingency Plan establishes certain drought stages, including actions to be taken by all customers of the City’s water system during the periods of defined drought conditions.

## **SECTION 4.**

This ordinance authorizes the Municipal Utility Board, or the appointed Administrator, to define the conditions for each drought stage as detailed in the Drought Contingency Plan, to upgrade or downgrade the condition, to initiate the appropriate actions as detailed in the adopted Drought Contingency Plan and to terminate the condition when the emergency has ended.

## **SECTION 5.**

The Municipal Utility Board, or the appointed Administrator, shall have the authority to enact any or all of the prescribed procedures, and to adopt and promulgate rules and regulations if necessary to protect health and safety in case of system failure. This also includes the allocation of available water supplies in the event of a water shortage and the provision of an alternative water supply in the event the City's water source is compromised.

## **SECTION 6.**

This authority established by this ordinance will remain in effect until the ordinance has been repealed or amended by the Weatherford City Council.

## **SECTION 7. Cumulative Clause.**

This ordinance shall be cumulative of all provisions of ordinances of the City of Weatherford, Texas, except where the provisions of this ordinance are in direct conflict with the provisions of such ordinances, in which event the conflicting provisions of such ordinances are hereby repealed. Ordinance O2019-12 is hereby specifically repealed and replaced by this Ordinance.

## **SECTION 8. Severability Clause.**

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

## **SECTION 9. Penalty Clause.**

Any person, firm or corporation who violates, disobeys, omits, neglects, or refuses to comply with or who resists the enforcement of any of the provisions of this ordinance shall be fined not more than five hundred dollars (\$500) for each offense. Each day that a violation is permitted to exist shall constitute a separate offense.

#### **SECTION 10. Savings Clause.**

All rights and remedies of the City of Weatherford are expressly saved as to any and all violations of the provisions of the Code of Ordinances of the City of Weatherford, Texas, as amended, or any other ordinances affecting water conservation and drought contingency plans which may or may not have accrued at the time of the effective date of this ordinance; and, as to such accrued violations and all pending litigation, both civil and criminal, whether pending in court or not, under such ordinances, same shall not be affected by the ordinance but may be prosecuted until final disposition by the courts.

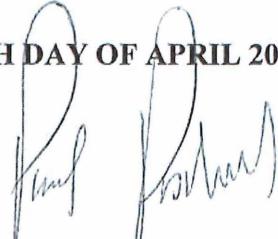
#### **SECTION 11. Publication Clause.**

The City Secretary is hereby directed to publish in the official newspaper of the City, the caption and penalty clause of this Ordinance as required by Section 52.011 of the Local Government Code.

#### **SECTION 12. Effective Date Clause.**

This ordinance shall be in full force and effect from and after its date of passage and publication as required by law, and it is so ordained.

**PASSED AND APPROVED ON THIS THE 9TH DAY OF APRIL 2024.**



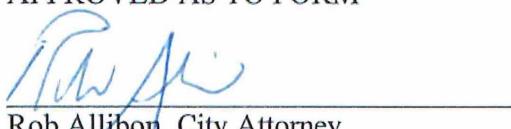
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Paul Paschall, Mayor

ATTEST:

  
Andrea McDonald, City Secretary

APPROVED AS TO FORM

  
Rob Allibon, City Attorney



**EXHIBIT A**

**2024 WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN**



**April 2024  
Water Conservation &  
Drought Contingency Plan**

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- B Development & Neighborhood Services Irrigation Application
- C Water Rate Structure
- D Weatherford Water Utilities Fire Hydrant Water Meter
- E Weatherford Water Utilities New Turf Special Permit

## CHAPTER 1

### **Section 1-1. Introduction**

This report outlines the City's water conservation and drought contingency programs. The objective of the conservation program is to reduce the quantity required for each water using activity, as is practical, through the implementation of efficient water practices. The drought contingency program provides procedures for voluntary and mandatory actions to be put in place upon the City's water supply system during a water shortage emergency. Drought contingency procedures include a prohibition of certain uses. Both programs are tools that the City will have available to operate effectively in all situations.

### **Section 1-2. Planning Area and Project Description**

The City of Weatherford is located in Parker County. The water service area is defined by the City's corporate boundaries and Certificate of Convenience and Necessity (CCN) boundary. Presently, only a small percentage of the City's water and wastewater customers are located outside the City's corporate limits. The City's current service area is approximately 29.66 square miles, but the potential service area including the CCN and city limits measures approximately 44.77 square miles.

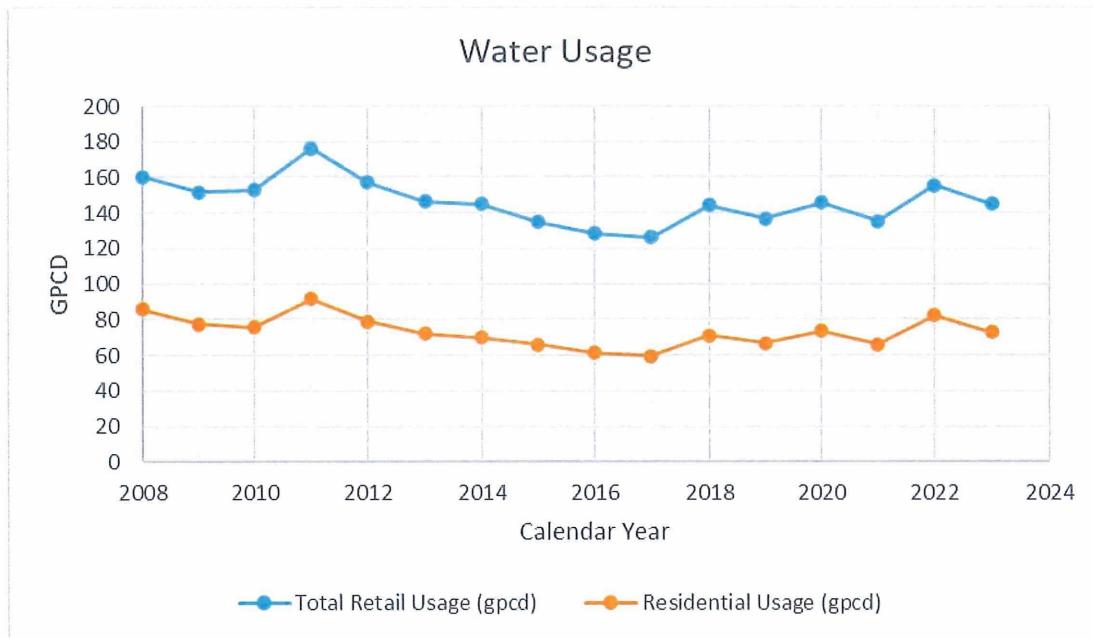
### **Section 1-3. Utility Profile**

A detailed summary of utility evaluation data is included in *Appendix A*. This data substantiates the need for implementing a water conservation program along with other improvements.

### **Section 1-4. Water Conservation Goals – 5 & 10 Year Targets**

The objective of a water conservation plan is to reduce the per capita consumption of water, a finite resource. Many communities throughout the United States have used conservation measures to successfully cope with various water and wastewater problems. Reductions in water use of as much as twenty-five percent (25%) have been achieved, but the normal range is five percent (5%) to fifteen percent (15%). The goals established in the previous plan included a 2.5% reduction in the first five years, and an additional 2.5% reduction in the next five years. Annual water consumption for both total retail usage and residential usage is shown in the following graph. To account for weather patterns, staff compared five-year averages in lieu of individual year comparisons. The five-year average in 2018 was 136 gallons per capita per day (gpcd) for total retail consumption. By 2023, the five-year average was 144 gpcd, which

amounts to a 6% increase over the last five years. The increase in per capita usage is likely the result of extreme drought conditions in Parker County and the development of single-family housing with irrigation systems. It is worth noting that the Texas Water Development Board and the Water Conservation Implementation Task Force recommended a goal of 140 gpcd for retail water consumption. During this same period, the residential use increased from 66 to 72 gpcd.



The goal of this Water Conservation Plan is to reduce overall retail per capita water consumption by an additional 2.5% within five (5) years of adopting this plan and an additional 2.5% within ten years, for a total of 5%. Because of the already low residential per capita usage, the goal is to reduce residential consumption by 1% within the next five years, and an additional 1% within ten years, for a total of 2%. Furthermore, in 2023, approximately 12% of the City's water supply came from reclaimed water.

These targets will be achieved by tracking water use, control of water loss, continuing water conservation education programs and literature, and implementation of the reclaimed water program. In an effort to minimize real and apparent water loss in the distribution system, meters are installed at dead end mains during flushing to calculate water loss, all water meters were replaced with more accurate meters as part of the Automated Metering System program, and fire hydrant locks have been installed where water loss concerns are present.

## CHAPTER 2

### WATER CONSERVATION PLAN

#### Section 2-1. Plan Elements

There are many elements to be considered in developing a water conservation plan. The principal water conservation methods to be considered in preparing this water conservation plan are:

- **Universal Metering and Meter Repair/Replacement** - Accurate metering of water deliveries is an important element in the City of Weatherford's program to control and minimize water loss.
- **Water Audits and Leak Detection** - Leak Detection in the delivery system allows the City of Weatherford ways to improve or eliminate water lost. Routine audits are a tool to inform the City where conservation efforts may be needed.
- **Unaccounted-for Water Use** - Identifying water loss allows the City to take direct action to maximize the efficiency of our water system.
- **Continuing Public Education & Information** - Education and technical assistance programs are important to inform people about the impact of improved water efficiency and water conservation.
- **Water Rate Structure** - Rate structure evaluation allows the City to provide services needed to our residents while focusing on water conservation.
- **Water Conservation Implementation Report** - This report is required by the TCEQ and lists various water conservation strategies that have been implemented and the date the strategy was implemented. The reporting entity must establish conservation goals and includes accountability measures to track progress of those goals.
- **Record Management System** - A system that allows the City to monitor water loss in the distribution system.

- **Coordination with Regional Water Planning Group** - Gives the City the opportunity to identify regional water supply problems and gives opportunities to address local issues and concerns.
- **Implementation and Enforcement** - Clear implementation and enforcement measures allow the City to ensure an adequate water supply as our population grows.

## **Section 2-2. Universal Metering and Meter Repair/Replacement**

All water users including retail, city and other public facilities are metered. All metering devices must be within an accuracy of plus (+) or minus (-) five percent (5%) in order to measure and account for the amount of water diverted from the source of supply. Master meters for untreated and treated water are located at the Water Purification Plant and at specific pump stations.

A regular scheduled maintenance program of meter testing, repair, and replacement will be established in accordance with the following schedule:

1. Meters 4" and larger - test once a year.
2. Meters from 1-1/2" to 3" - test 2% every year.
3. Meters smaller than 1-1/2" – replace as batteries expire.

## **Section 2-3. Water Audits and Leak Detection**

The City will continue their on-going leak detection, location, and repair programs. Water line leaks are detected by utility personnel while reading meters, maintaining the water and wastewater systems and while performing other routine surveillance programs. Staff utilize the Automated Meter System program to monitor customer's water usage to potentially identify and notify customers of potential leaks.

Additionally, water audits shall be utilized to determine if leaks exist which have gone undetected. The City shall conduct water audits at least once a year to compare water purchased versus water sold.

## **Section 2-4. Unaccounted-For Water Use**

Measures to control unaccounted-for water are part of the routine operations of the City. Unaccounted-for water use is tracked on a monthly basis with the efforts of multiple departments not limited to: the Water Purification Plant, Water Maintenance Crews, and Finance. Maintenance crews and personnel consistently monitor and inspect for and report evidence of leaks in the water distribution system. City personnel watch for and report signs of illegal connections so they can be addressed quickly.

## **Section 2-5. Continuing Public Education & Information**

The City recognizes that water conservation significantly benefits individuals and communities in terms of long-term program availability and costs. The most readily available and lowest cost method of promoting water conservation is to inform the retail water users about ways to save water in homes and businesses, in landscaping and lawn uses, and in recreational uses. The City will provide the information to retail customers in the following manner:

1. Distribution of educational material in the form of a mail-out or information added to the water bill.
2. Water conservation information on the City of Weatherford's website ([www.weatherfordtx.gov](http://www.weatherfordtx.gov)).
3. Host a booth at various City of Weatherford/Weatherford Chamber of Commerce special events throughout the year (Parker County Peach Festival, W.I.S.D. Third Grade Tours). Promote water conservation to customers by providing literature/brochures/handouts and giving away free items; moisture meters, rain/sprinkler gauges, hose timers, etc.
4. Educational posts on social media accounts.
5. Promote WaterIsAwesome to customers for them to sign up to receive text and email reminders with suggestions on what their lawn needs every week. In addition, promote free online classes about water conservation topics from various organizations through social media accounts and the City of Weatherford Community calendar.
6. Provide a brochure to customers applying for service that includes water conservation literature.

## **Section 2-6. Irrigation System Permit**

The Development & Neighborhood Services Department adopted the provisions of HB 1656 as part of the Irrigation System Application. The bill requires cities with populations greater than 20,000 to require plan submittal of new irrigation systems, installation inspection, and a final walk-through. *See Appendix B.*

## **Section 2-7. Water Rate Structure**

The City will periodically review respective retail water rate structures to ensure that the prevailing rates encourage water conservation while covering the total cost of service and minimizing adverse impacts. The City updated an increasing block rate structure in 2016 to encourage continued water conservation. *See Appendix C.*

## **Section 2-8. Water Conservation Implementation Report**

The TCEQ required Water Conservation Implementation Report is required by rule to be updated and submitted along with the water conservation plan every five years. In addition, this form must be updated when revisions are made to the water conservation plan in between the five-year submittals. This report is an overview of the summary of updates/revisions that have been made to the water conservation plan.

## **Section 2-9. Reclaimed Water**

The City of Weatherford recognizes that a major goal of water conservation is beneficial reuse of treated wastewater. There are four plans for beneficial use of reclaimed water at the City: reuse from the water reclamation facility to jet/clean wastewater lines; use of effluent from the water treatment plant backwash lagoons for use by the golf course for irrigation purposes; and the beneficial reuse of effluent from the water reclamation facility and water treatment plant backwash lagoons to supplement water supply sources in Lake Weatherford by discharging flow to Lake Weatherford.

## **Section 2-10. Record Management System**

The City will continue the use of its record management system which tracks water diverted, water produced, transmission, metered and un-metered losses, and water sales as required by Title 30 TAC, Part 1, Chapter 288, Subchapter A, Rule 288.2(a)(1)(B). Water sales are further

identified into several categories, including but not limited to: Residential, Commercial, Institutional, and Industrial. This system tracks this information on a monthly basis which allows the City to respond quickly to suspected problems of water loss. Furthermore, the Automated Meter System has the ability to track water usage on an hourly basis, helping to identify potential water leaks on a more frequent basis.

### **Section 2-11. Year-Round Water Conservation Measures**

The City of Weatherford, in conjunction with other regional DFW cities, have implemented year-round water conservation measures. The City has a year-round twice per week water schedule similar to Stage 1 of its drought plan. If the City is already under a more restrictive stage of the Plan, the higher-level restrictions shall prevail.

1. Time of Day Restrictions: Prohibit outdoor watering with hose-end sprinklers or automatic irrigation systems between 10 a.m. and 6 p.m. every day of the year. Watering with hand-held hoses, drip irrigation, and soaker hoses are allowed.
2. Day(s) of the Week Restrictions: Limit landscape watering with hose-end sprinklers or automatic irrigation systems to no more than twice per week as outlined below.
  - Residential addresses ending in an even number (0, 2, 4, 6, 8) may water on Wednesdays and Saturdays.
  - Residential addresses ending in an odd number (1, 3, 5, 7, 9) may water on Thursdays and Sundays.
  - All non-residential locations (apartment complexes, businesses, industries, parks, medians, schools, churches, municipal, etc.) may water on Tuesdays and Fridays.
  - Landscape watering will not be permitted on Mondays.

### **Section 2-12. Coordination with Regional Water Planning Group**

The City will continue to maintain an active participation within its Regional Water Planning Group. The City has an elected representative, on the Region C Planning Group, who attends regional planning meetings, workshops, and other events. The City has furnished copies of this water management plan, the ordinance adopting the plan, and the water utility profile to the Chair of the Region C Water Planning Group and the Tarrant Regional Water District.

### **Section 2-13. Implementation and Enforcement**

The Director of Water Utilities will appoint a representative who will be the Water Conservation Coordinator of the Water Conservation and Drought Contingency Plan. The Water Conservation Coordinator will oversee the execution and implementation of all elements of the plan. The coordinator will also be responsible for ensuring that adequate records are kept for program

verification. As a means to implement the Water Conservation and Drought Contingency Plan, the Weatherford City Council has adopted an Ordinance to provide the legal documents necessary to enforce this Water Conservation and Drought Contingency Plan. Included in the legal documents are provisions requiring that wholesale customers and any subsequent wholesale customers develop and implement a water conservation plan and drought contingency plan in accordance with the applicable provisions of the TCEQ rules.

1. Procedures for Enforcing Year-Round Water Conservation Measures-This mandatory year-round water use will be enforced by warnings and penalties as follows:
  - On the first violation, customers will be given a written warning that they have violated the mandatory water use restriction.
  - On the second and subsequent violations, citations may be issued to customers, with minimum and maximum fines established by ordinance. Each day that one or more of the provisions in this Plan is violated, shall constitute a separate offense.
  - After three violations have occurred, the utility may cut off water service to the customer. Services discontinued under such circumstance shall be restored only upon payment of re-connection charge, hereby established at \$250.00, and any other costs incurred by Weatherford Utilities in discontinuing service.
  - In addition, suitable assurance must be given to the Director of Water Utilities that the same action shall not be repeated while the Plan is in effect. Compliance with this plan may also be sought through injunctive relief in the district court.
2. Any person, including a person classified as a water customer of Weatherford Utilities, in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violation occurred on the person's property shall constitute a rebuttable presumption that the person in apparent control of the property committed the violation, but any such person shall have the right to show that he/she did not commit the violation. Parents shall be presumed to be responsible for violations of their minor children and proof that a violation, committed by a child, occurred on property within the parents' control shall constitute a rebuttable presumption that the parent committed the violation.
3. Any employee of Weatherford Utilities, police officer, or other City of Weatherford employee designated by the Director of Water Utilities, may issue a citation to a person he/she reasonably believes to be in violation of this Ordinance. The citation shall be prepared in duplicate and shall contain the name and address of the alleged violator, if known, the offense charged, and shall direct him/her to appear in the Weatherford Municipal Court on the date shown on the citation for which the date shall not be more than 30 days from the date the citation was issued. The alleged violator shall be served a copy of the citation (in person or by mail). The alleged violator shall appear in Weatherford Municipal Court to enter a plea of guilty or not guilty for the violation of this Plan. If the alleged violator fails to appear in Weatherford Municipal Court, a warrant for his/her arrest may be issued. A summons to appear may be issued in lieu of

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

#### **Section 2-14. Requirements for Wholesale Customers**

Every contract for the wholesale sale of water by City of Weatherford that is entered into, renewed, or extended after the adoption of this water conservation plan (by either ordinance, resolution, or tariff) will include a requirement that the wholesale customer and any wholesale customers of that wholesale customer develop and implement a water conservation plan meeting the requirements of Title 30, Part 1, Chapter 288, Subchapter A, Rule 288.2 and 288.5 of the Texas Administrative Code.

The requirement will also require that the wholesale customer incorporate the applicable elements in this plan. The Director of Water Utilities or his/her designee will notify wholesale customers of actions being taken and require them to implement the same stage and measures. Such action is in accordance with the wholesale water contract. Per the contract, wholesale customers are required to institute and apply the same rationing, conservation measures or restrictions to the use of water by their customers for so long as any part of their total water supply is being furnished by Weatherford.

#### **Section 2-15. Request for Variance**

The Director of Water Utilities, or his/her designee, may, grant a temporary variance for water use prohibited under this Plan if it is determined that an emergency condition resulting in an adverse effect to health, sanitation, or fire protection for the public or the person requesting such variance.

1. Outdoor watering at a service address with large multi-station irrigation systems may take place in accordance with a variance granted by the Director of Water Utilities or his/her designee, if it is determined that the property cannot be adequately irrigated in a single day.
2. A temporary variance may also be granted to playing fields which require watering to maintain league standards.
3. Persons requesting an exemption from the provisions of this Plan shall file a petition for variance with the Director of Water Utilities. All petitions for variances shall be reviewed by the Director of Water Utilities or his/her designee, and shall include the following:
  - Name and address of the petitioner(s).
  - Purpose of water use.

- Specific provision(s) of the Plan from which the petitioner is requesting relief.
- Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Plan.
- Description of the relief requested.
- Period of time for which the variance is sought.
- Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.
- Other pertinent information.

4. Variances are granted if new turf (e.g. hydromulch, grass sod, or grass seed) is installed. Persons requesting watering variance must submit a New Turf Special Permit with the Director of Water Utilities or his/her designee, prior to installing new turf. Permit authorizes no water restrictions for the first thirty (30) days while it is being established. However, watering must be done before 10 a.m. and after 6 p.m. After that, the water restrictions set forth under year-round water conservation measures must apply. (Form 1.2)

## **CHAPTER 3** **DROUGHT CONTINGENCY PLAN**

### **Section 3-1. Declaration of Policy, Purpose, and Intent**

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

Water uses regulated or prohibited under this Drought Contingency Plan (the Plan) are considered to be non-essential and continuation of such uses during times of water shortage or other emergency water supply condition are deemed to constitute a waste of water which subjects the offender(s) to penalties as defined in Section 3-15 of this Plan.

### **Section 3-2. Texas Commission on Environmental Quality Rules**

TCEQ rule Title 30, Part 1, Chapter 288, Subchapter A, Rule 288.1 (6) defines a drought contingency plan as “a strategy or combination of strategies for temporary supply and demand management responses to temporary and potentially recurring water supply shortages and other water supply emergencies.”

TCEQ rules governing development of and minimum requirements for drought contingency plans for municipal water suppliers and wholesale water suppliers are contained in Texas Administrative Code Title 30, Part 1, Chapter 288, Subchapter B, Rule 288.20 and Rule 288.22, respectively.

### **Section 3-3. Public Involvement**

The City of Weatherford provided the opportunity for public input/comment of this drought contingency plan during two advertised public meetings prior to adoption.

### **Section 3-4. Public Education**

The WMUB will periodically provide the public with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. This information will be provided by means of:

- Utility bill inserts;
- Press releases;

- Preparing fact sheets describing the plan and making these available online and at various city sites, and at events where the water department may have a booth;
- Posting a copy of the Plan on the city's Web site; and/or
- Promote awareness by means of electronic communication to residents through text message, push notifications, social media, and/or any other online platforms available.

### **Section 3-5. Coordination with Regional Water Planning Groups**

The service area of Weatherford Municipal Utilities is located within the Region C planning area and WMUB has provided a copy of this Plan to the Region C planning group.

### **Section 3-6. Authorization**

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

### **Section 3-7. Application**

The provisions of this Plan shall apply to all persons, customers, and property utilizing water provided by Weatherford Utilities. The terms "person" and "customer" as used in the Plan include individuals, corporations, partnerships, associations, and all other legal entities. The Plan does not apply to locations using treated wastewater effluent, private wells or possessing their own water rights; however, any pond, impoundment, body of water, or other water source that is supplemented, or has the ability to supplement supply, with potable water shall adhere to the provisions of this plan.

The Plan may be applied to the entire city or geographic portions of the city as necessary. If the Plan is applied only to a limited sector, the boundaries will be defined in terms of roadways, creeks, and other easily distinguishable features, such as city limits.

## Section 3-8. Definitions

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

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

Alternative water source: water produced by a source other than a water treatment plant and is not considered potable. These sources can include, but are not limited to: reclaimed/recycled water, collected rain water, collected grey water, private well water.

Athletic field: a sports playing field, the essential feature of which is turf grass, used primarily for organized sports for schools, professional sports, or sanctioned league play.

Aquatic life: a vertebrate organism dependent upon an aquatic environment to sustain its life.

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

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

Customer: any person, company, organization, corporation, partnership, association or any other legal entity using water supplied by Weatherford Utilities.

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

Drip irrigation: an irrigation system (drip, porous pipe, etc.) that applies water at a predetermined controlled low-flow level directly to the roots of the plant.

Drought Contingency Plan: means a strategy or combination of strategies for temporary supply management and demand management responses to temporary or potentially recurring water supply shortages and other water supply emergencies.

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

Fountain: an artificially created jet, stream or flow of water, a structure, often decorative, from which a jet, stream or flow of water issues.

Golf course: an irrigated and landscaped playing area made up of greens, tees, fairways, roughs and related areas used for the playing of golf.

Hand-held hose: a hose physically held by one person, fitted with a manual or automatic shutoff nozzle.

Hand watering: the application of water for irrigation purposes through a hand-held watering hose, watering can, or bucket.

Hose-end sprinkler: a device through which water flows from a hose to a sprinkler to water any lawn or landscape.

Hosing: to spray, water, or wash with a water hose.

Industrial water use: the use of water for or in connection with commercial or industrial activities, including but not limited to, manufacturing, bottling, brewing, food processing, scientific research and technology, recycling, production of concrete, asphalt, and cement, commercial uses of water for tourism, entertainment, and hotel or motel lodging, generation of power other than hydroelectric and other business activities.

Irrigation system: a system of fixed pipes and water emitters that apply water to landscape plants or turfgrass, including, but not limited to: in-ground and permanent irrigation systems.

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

New landscape: A landscape:

- a. Installed during construction of a new house, multi-family dwelling, or commercial building;
- b. Installed as part of a governmental entity's capital improvement project; or
- c. Alters more than one-third the area of an existing landscape.

Non-essential water use: water uses that are neither essential nor required for the protection of public, health, safety, and welfare, including:

- (a) irrigation of landscape areas, including parks, athletic fields, and golf courses, except otherwise provided under this Plan;
- (b) use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle;
- (c) use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;

- (d) use of water to wash down buildings or structures for purposes other than immediate fire protection;
- (e) flushing gutters or permitting water to run or accumulate in any gutter or street;
- (f) use of water to fill, refill, or add to any indoor or outdoor swimming pools or Jacuzzi-type pools;
- (g) use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
- (h) failure to repair a controllable leak(s) after having been given notice directing the repair of such leak(s); and
- (i) use of water from hydrants for construction purposes or any other purposes other than fire fighting.

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

Park: a non-residential or non-multifamily tract of land, other than a golf course, maintained by a city, private organization, or individual, as a place of beauty or public recreation and available for use to the general public.

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

Soaker hose: a flexible hose that is designed to slowly emit water across the entire length and connect directly to a flexible hose or spigot. Does not include hose that by design or use sends a fine spray in the air. It is not considered drip irrigation.

Splash pad/spray park: an area for water play that has no standing water. Typically, they utilize various spray nozzles which spray water in multiple directions.

Structural foundation: the lowest and supporting layer of a structure.

Swimming pool: any structure, basin, chamber, or tank including hot tubs, containing an artificial body of water for swimming, diving, or recreational bathing, and having a depth of two (2) feet or more at any point.

Well water: water that has been, or is, obtained from the ground by digging, boring, or drilling to access an underground aquifer

### **Section 3-9. Criteria for Initiation and Termination of Drought Response Stages**

The Director of Water Utilities, or his/her designee shall monitor water supply and/or demand conditions on a daily basis and shall determine when conditions warrant initiation or termination of each stage of the Plan, that is, when the specified “triggers” are reached. In addition, the most recent U.S. Drought Monitor at <https://droughtmonitor.unl.edu/> will be used to monitor drought conditions.

The triggering criteria described below are based on the capacity of Lake Weatherford.

With the exception of stages imposed by TRWD action which must be initiated by the City of Weatherford, the Director of Water Utilities or his/her official designee may decide not to order the implementation or termination of a drought response or water emergency stage even though one or more of the trigger criteria for the stage are met. Factors which could influence such a decision include, but are not limited to, the time of year, weather conditions, the anticipation of replenished water supplies, or the anticipation that additional facilities will become available to meet needs.

### **Section 3-10. Stage 1 (Water Watch)**

#### Requirements for initiation:

- (a) The lake level in Lake Weatherford drops below 889.0 feet or 61.5% capacity;
- (b) Water demand reaches or exceeds 85% of reliable delivery capacity for three consecutive days. The delivery capacity could be citywide or in a specified portion of the system;
- (c) Weatherford’s water treatment or distribution system becomes contaminated;
- (d) Weatherford’s water demand for all or part of the delivery system approaches delivery capacity because delivery capacity is inadequate;
- (e) Any mechanical failure of pumping equipment will require more than 48 hours to repair when dry weather conditions exist and continued dry weather is expected; or
- (f) TRWD initiates Stage 1 – Water Watch for one or more of the following reasons:
  - 1. Total combined raw water supply in TRWD water supply reservoirs (Bridgeport, Eagle Mountain, Richland Chambers and Cedar Creek) drops below 75% (25% depleted) of conservation storage capacity.
  - 2. Water demand has exceeded or is expected to exceed 80% of maximum sustainable production of delivery capacity for an extended period.
  - 3. One or more of TRWD’s water supply sources has become limited in availability.

4. Water demand is projected to approach the limit of TRWD's permitted supply.
5. TRWD's supply source becomes contaminated or unusable for other regulatory reasons.
6. TRWD's water supply system is unable to deliver water due to the failure or damage of major water system components.
7. The TRWD General Manager, with the concurrence of the TRWD Board of Directors, finds that conditions warrant the declaration of Stage 1 drought.

#### Requirements for termination

Stage 1 (Water Watch) may be rescinded when TRWD terminates its Stage 1 condition or when the circumstances that caused the initiation of Stage 1 no longer prevail or when the lake level in Lake Weatherford is above 889.0 feet (or 61.5% capacity).

#### Goal for Reduction in Use

The goal for water use reduction under Stage 1 (Water Watch), is to decrease use by five percent (5%). If circumstances warrant or if required by TRWD, the Director of Water Utilities, or his/her designee, can set a goal for greater water use reduction.

#### Water Use Restrictions

Under threat of penalty for violation, the following water use restrictions shall apply during a Stage 1 drought response. Following is a menu of possible actions. Specific actions taken during any drought situation will be determined by the Director of Water Utilities or his/her designee. The Director of Water Utilities or his/her designee may also take other actions not listed, if deemed necessary.

Initiate mandatory restrictions to prohibit non-essential water use as follows:

##### **(a) All Water Users**

- Discourage hosing of paved areas, such as sidewalks, driveways, parking lots, tennis courts, patios, or other impervious surfaces, except to alleviate an immediate health or safety hazard. This may include premises with raw or processed food, pharmaceutical or vaccine processing, storage or vending establishments including restaurants and grocery stores may be washed to the extent necessary for sanitary purposes. These areas may also include:
  - Trash and dumpster areas
  - Areas around fuel pumps
  - Store front cleaning of areas with accumulated bird droppings, feathers and debris
  - Localized spot cleaning of parking areas to remove oil, grease buildup that may pose a health and safety issue.
- Discourage hosing of buildings or other structures for purposes other than fire protection or surface preparation prior to painting.
- Prohibit using water in such a manner as to allow runoff or other waste, including:

- Failure to repair a controllable leak, including a broken sprinkler head, a leaking valve, leaking or broken pipes, or a leaking faucet;
- Operating a permanently installed irrigation system with: (a) a broken head; (b) a head that is out of adjustment and the arc of the spray head is over a street or parking lot; or (c) a head that is misting because of high water pressure;
- During irrigation, allowing water to (a) to run off a property and form a stream of water in a street for a distance of 50 feet or greater; or (b) to pond in a street or parking lot to a depth greater than one-quarter of an inch; or
- Allowing or causing an irrigation system or other lawn watering device to operate during any form of precipitation or when temperatures are at or below 32 degrees Fahrenheit.
- All users are encouraged to use native and adapted drought tolerant plants in landscaping.
- Washing of any motor vehicle, motorbike, boat, trailer, airplane, or other vehicle shall be limited to the use of a hand-held bucket or a hand-held hose equipped with a positive-pressure shutoff nozzle for quick rinses. Vehicle washing may be done at any time on the premises of a commercial car wash or commercial service station. Companies with an automated on-site vehicle washing facility may wash its vehicles at any time. Further, such washing may be exempt from these requirements if the health, safety, and welfare of the public are contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.
- Discourage the filling, draining, or refilling of swimming pools, wading pools, hot tubs and Jacuzzi type pools except to maintain adequate water levels for structural integrity, proper operation and maintenance, and/or to alleviate an issue that poses a public safety risk.
- Prohibit outdoor watering with hose-end sprinklers or automatic irrigation systems between 10 a.m. and 6 p.m.
- Limit landscape watering with hose-end sprinklers or automatic irrigation systems at each service address to a twice per week schedule as outlined below. This includes landscape watering of parks, golf courses, and sports fields. Wholesale customers may use a different watering schedule than the one below as long as it limits each service address to a twice per week schedule; however, use of the same schedule would simplify the messages passed to customers through the news media.
  - Residential addresses ending in an even number (0, 2, 4, 6, or 8) may water on Wednesdays and Saturdays.
  - Residential addresses ending in an odd number (1, 3, 5, 7 or 9) may water on Thursdays and Sundays.
  - All non-residential locations (apartment complexes, businesses, industries, parks, medians, schools, churches, municipalities, etc.) may water on Tuesdays and Fridays.

Exceptions:

- Lawns and landscaping may be watered on any day, at any time, by handheld hose, drip irrigation, a soaker hose or tree bubbler. (The intent of this measure is to allow for the protection of structural foundations, trees, and other high value landscape materials).
  - Foundations may be watered up to 2 hours on any day by handheld hose; or using soaker hose or drip system placed within 24 inches of the foundation that does not produce a spray of water above the ground.
  - Newly installed shrubs (first year) and trees may be watered up to 2 hours on any day by handheld hose, drip irrigation, soaker hose or tree bubbler. Tree watering is limited to an area not to exceed the drip line of a tree.
- Water use necessary for the repair of an irrigation system, plumbing line, fountain, etc. in the presence of the person making the repair.
- Outdoor watering at service addresses with large multi-station irrigation systems may take place in accordance with a variance granted by the Director of Water Utilities or his/her designee if determined that a property cannot be completely irrigated with an average of three-quarters of an inch of water in a single day, and that the property should be divided into sections to be irrigated on different days. If approved, no station will be watered more than twice per week.
- Establishing new turf is discouraged. If hydromulch, grass sod, or grass seed is installed for the purpose of establishing a new lawn, a person may request a watering variance. A person(s) requesting a watering variance must submit a New Turf Special Permit with the Director of Water Utilities or his/her designee, prior to installing new turf. The permit authorizes a person(s) to water more than twice per week for the first thirty (30) days while it is being established. However, watering must be done before 10 a.m. and after 6 p.m. After that, the watering restrictions set forth in this stage apply. (Variances do not apply to over seeding with seasonal grasses, since turf already exists.)
- Golf courses may water greens and tee boxes as necessary, however, use of spray irrigation may not be done between 10 a.m. and 6 p.m. Encouraged to reduce water use by five percent.
- Skinned areas of sports fields may be watered as needed for dust control.
- Watering of athletic fields (fields only, does not include surrounding landscaped areas) used for organized sports practice, competition, or exhibition events may occur as necessary to protect the health and safety of the players, staff, or officials present for athletic events. Encouraged to reduce water use by five percent.

- Public areas that are open to the public at-large and have a high-impact from frequent use may be allowed additional watering, with a variance granted by the Director of Water Utilities or his/her designee, if it is deemed to be beneficial to serve and protect the community amenity. Examples may include but are not limited to: outdoor amphitheaters, demonstration gardens, public art exhibitions, outdoor learning areas, arboreturns, etc.

(b) **Commercial or Industrial**

- All actions listed above for all water users apply to commercial and industrial users.
- Stock at commercial plant nurseries is exempt from Stage 1 watering restrictions.
- Hotels, restaurants, and bars are encouraged to serve drinking water to patrons on an “on demand” basis.
- Hotels are encouraged to implement laundry conservation measures by encouraging patrons to reuse linens and towels.
- Car wash facilities must keep equipment in good working order, which should include regular inspections to be sure there are no leaks, broken or misdirected nozzles, and that all equipment is operating efficiently.
- All commercial and industrial customers are encouraged to audit irrigation systems to ensure proper condition, settings, and operation. If irrigation audit or repair occurs during restricted watering times or days, a sign indicating such work is taking place must be placed in public view until job is completed.

(c) **City and Local Governments**

In addition to the actions listed above:

- Review conditions and problems that caused Stage 1. Take corrective action.
- Increase public education efforts on ways to reduce water use.
- Review data received through SENSUS as a method of identifying potential water use violations and wasteful water practices.
- Increase enforcement efforts.
- Intensify leak detection and repair efforts.
- Audit all city and local government irrigation systems to ensure proper condition, settings, and operation.
- Identify and encourage voluntary reduction measures by high-volume water users through water use audits.
- Reduce non-essential water use. As used herein, non-essential water uses are those that do not have any health or safety impact and are not needed to meet the core function of the agency.
- The Director of Water Utilities or his/her designee will notify wholesale customers of actions being taken and require them to implement the same stage and measures. Such action is in accordance with the wholesale water contract. Per the contract, wholesale customers are required to institute and apply the same rationing, conservation measures or restrictions to the use of water by their customers for so

long as any part of their total water supply is being furnished by the City of Weatherford.

- All commercial and industrial customers are encouraged to audit irrigation systems.

- (d) All water users please refer to Table 3-1 City of Weatherford Drought Plan Actions and Measures.

### **Section 3-11. Stage 2 (Water Warning)**

#### Requirements for initiation:

- (a) The lake level in Lake Weatherford drops below 887.5 feet or 54% capacity;
- (b) Water demand reaches or exceeds 90% of reliable delivery capacity for three consecutive days. The delivery capacity could be citywide or in a specified portion of the system;
- (c) Weatherford's water treatment or distribution system becomes contaminated;
- (d) Weatherford's water demand for all or part of the delivery system equals or exceeds delivery capacity because delivery capacity is inadequate;
- (e) Any mechanical failure of pumping equipment will require more than 48 hours to repair when dry weather conditions exist and continued dry weather is expected; or
- (f) TRWD initiates Stage 2 – Water Warning for one or more of the following reasons:
  1. Total raw water supply in TRWD water supply reservoirs (Bridgeport, Eagle Mountain, Richland Chambers and Cedar Creek) drops below 60% (40% depleted) of conservation storage capacity.
  2. Water demand has exceeded or is expected to exceed 85% of maximum sustainable production of delivery capacity for an extended period.
  3. One or more of TRWD's water supply sources has become limited in availability.
  4. Water demand is projected to approach the limit of TRWD's permitted supply.
  5. TRWD's supply source becomes contaminated or unusable for other regulatory reasons (i.e. invasive species).
  6. TRWD's water supply system is unable to deliver water due to the failure or damage of major water system components.
  7. The TRWD General Manager, with the concurrence of the TRWD Board of Directors, finds that conditions warrant the declaration of Stage 2 drought.

#### Requirements for termination:

Stage 2 (Water Warning) may be rescinded when TRWD terminates its Stage 2 condition or when the circumstances that caused the initiation of Stage 2 no longer prevail or when the lake level in Lake Weatherford is above 887.5 or 54% capacity.

#### Goal for Reduction in Use

The goal for water use reduction under Stage 2 (Water Warning) is to decrease use by ten percent (10%). If circumstances warrant or if required by TRWD, the Director of Water Utilities, or his/her designee, can set a goal for greater water use reduction.

#### Water Use Restrictions

All requirements of Stage 1 drought response shall remain in effect during Stage 2. The following is a menu of possible actions. Specific actions taken during any drought situation will be determined by the Director or Water Utilities or his/her designee. The Director of Water Utilities or his/her designee may also take other actions not listed, if deemed necessary.

##### **(a) All Water Users**

- Swimming pools may not be filled with automatic valves.
- Encourage the use of covers for all types of pools, hot tubs, and Jacuzzi type pools when not in use.
- Use of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.
- Prohibit outdoor watering with hose-end sprinklers or automatic irrigation systems between 10 a.m. and 6 p.m.
- Limit landscape watering with hose-end sprinklers or automatic irrigation systems at each service address to a once per week schedule as outlined below. This includes landscape watering of parks, golf courses, and sports fields. Wholesale customers may use a different watering schedule than the one below as long as it limits each service address to a once per week schedule; however, use of the same schedule would simplify the messages passed to customers through the news media.
  - Residential addresses ending in an even number (0, 2, 4, 6, or 8) may water on Saturdays.
  - Residential addresses ending in an odd number (1, 3, 5, 7 or 9) may water on Sundays.
  - All non-residential locations (apartment complexes, businesses, industries, parks, medians, schools, churches, municipalities, etc.) may water on Tuesdays.

#### Exceptions:

- Lawns and landscaping may be watered on any day, at any time, by handheld hose, drip irrigation, a soaker hose or tree bubbler. (The intent of this measure is to allow for the protection of structural foundations, trees, and other high value landscape materials).

- Foundations may be watered up to 2 hours on any day by handheld hose; or using soaker hose or drip system placed within 24 inches of the foundation that does not produce a spray of water above the ground.
- Newly installed shrubs (first year) and trees may be watered up to 2 hours on any day by handheld hose, drip irrigation, soaker hose, or tree bubbler. Tree watering is limited to an area not to exceed the drip line of a tree.
- All users are encouraged to wait until the current drought or emergency situation has passed before establishing new landscaping. Variances granted for establishing new turfgrass or landscaping will be for a maximum of 30 days from the date of approval then maximum of once-per-week watering schedule applies.
- Outdoor watering at service addresses with large multi-station irrigation systems may take place in accordance with a variance granted by the director of utilities, if the director determines that a property cannot be completely irrigated with an average of three-quarters of an inch of water in a single day, and that the property should be divided into sections to be irrigated on different days. If approved, no station will be watered more than once per week.
- Golf courses may water greens and tee boxes as needed to keep them alive, however watering must be done before 10 a.m. and after 6 p.m. Fairways are restricted to once per week watering as outlined above. Golf course rough cannot be watered.
- Watering of athletic fields (fields only, does not include surrounding landscaped areas) used for organized sports practice, competition, or exhibition events may occur as necessary to protect the health and safety of the players, staff, or officials present for athletic events. Encouraged to reduce water use by 10%.
- All users are encouraged to wait until the current drought or emergency situation has passed before establishing new landscaping and turf.

(b) **Commercial or Industrial**

- All actions listed above for all water users apply to commercial and industrial users.
- Use of water from fire hydrants for any purpose other than firefighting related activities or other activities necessary to maintain public health, safety and welfare requires a variance issued by the Director of Water Utilities. Fire hydrant use may be limited to only designated hydrants. Upon declaration of this drought stage, all holders or applicants of a Fire Hydrant Water Meter are required to apply for a variance as set forth in this plan. If conditions allow, as determined by the Director of Water Utilities, the use of water from hydrants may continue until the Director of Water Utilities or his/her designee issues a determination on the petition for variance. If conditions do not allow, the Director of Water Utilities may require all fire hydrant meters be immediately returned from the field, pending determination of each petition for variance.

(c) **City and Local Governments**

- Review conditions or problems that caused Stage 2. Take corrective action.
- Review data received through SENSUS as a method for identifying potential water use violations and wasteful water practices.
- Increase frequency of media releases on water supply conditions.
- Further accelerate public education efforts on ways to reduce water use.
- Eliminate non-essential water use. As used herein, non-essential water uses are those that do not have any health or safety impact and are not needed to meet the core function of the agency.
- Prohibit wet street sweeping.
- The Director of Water Utilities or his/her designee will notify wholesale customers of actions being taken and require them to implement the same stage and measures. Such action is in accordance with the wholesale water contract. Per the contract, wholesale customers are required to institute and apply the same rationing, conservation measures or restrictions to the use of water by their customers for so long as any part of their total water supply is being furnished by the City of Weatherford.

(d) All water users please refer to Table 3-1 City of Weatherford Drought Plan Actions and Measures.

### **Section 3-12. Stage 3 (Water Emergency)**

#### Requirements for initiation:

- (a) The lake level in Lake Weatherford drops below 885.5 feet or 45% capacity;
- (b) Water demand reaches 95% of reliable delivery capacity for three consecutive days or 98% for one day. The delivery capacity could be citywide or in a specified portion of the system;
- (c) Weatherford's water treatment or distribution system becomes contaminated;
- (d) Weatherford's water demand for all or part of the delivery system approaches delivery capacity because delivery capacity is inadequate; or
- (e) Major water line breaks, pump or system failures occur, which cause unprecedented loss of capability to provide water service;
- (f) TRWD initiates Stage 3 – Water Emergency for one or more of the following reasons:
  1. Total raw water supply in TRWD water supply reservoirs (Bridgeport, Eagle Mountain, Richland Chambers and Cedar Creek) drops below 45% (55% depleted) of conservation storage capacity.

2. Water demand has exceeded or is expected to exceed 90% of maximum sustainable production of delivery capacity for an extended period.
3. Water demand for all or part of the TRWD delivery system approaches delivery capacity because delivery capacity is inadequate.
4. One or more of TRWD's water supply sources has become limited in availability.
5. Water demand is projected to approach the limit of TRWD's permitted supply.
6. TRWD's supply source becomes contaminated or unusable for other regulatory reasons (i.e., invasive species).
7. TRWD's water supply system is unable to deliver water due to the failure or damage of major water system components.
8. The TRWD General Manager, with the concurrence of the TRWD Board of Directors, finds that conditions warrant the declaration of Stage 3 drought.

Requirements for termination:

Stage 3 (Water Emergency) may be rescinded when TRWD terminates its Stage 3 condition or when the circumstances that caused the initiation of Stage 3 no longer prevail or when the lake level in Lake Weatherford is above 885.5 or 45% capacity.

Goal for Reduction in Use

The goal for water use reduction under Stage 3 (Water Emergency) is to decrease use by twenty percent (20%). If circumstances warrant or if required by TRWD, the Director of Water Utilities, or his/her designee, can set a goal for greater water use reduction.

Water Use Restrictions

All requirements of Stage 1 and Stage 2 Drought Response shall remain in effect during Stage 3. The following is a menu of possible actions. Specific actions taken during any drought situation will be determined by the Director of Water Utilities or his/her designee. The Director of Water Utilities or his/her designee may also take other actions not listed, if deemed necessary.

(a) All Water Users

- Prohibit all outdoor watering with hose-end sprinklers and automatic irrigation systems, including at parks, golf courses, and sports fields.
- Prohibit establishment of new landscaping.
- The draining, filling, or refilling of swimming pools and Jacuzzi type pools is prohibited. Swimming pools may not be filled with automatic valves.

Exceptions:

- Watering with hand-held hose, soaker hose or drip irrigation system may occur any day and any time. (The intent of this measure is to allow for the protection of structural foundations and trees).
  - Foundations may be watered up to 2 hours on any day by handheld hose; or using soaker hose or drip system placed within 24 inches of the foundation that does not produce a spray of water above the ground.
  - Newly installed shrubs (first year) and trees may be watered up to 2 hours on any day by handheld hose, drip irrigation or a soaker hose. Tree watering is limited to an area not to exceed the drip line of a tree.
- Prohibit the operation of ornamental fountains or ponds that use potable water except where necessary to support aquatic life.
- Prohibit permitting of private pools. Pools already permitted may be completed and filled. Existing private and public pools may add water to maintain pool levels.
- Vehicle washing is restricted to commercial car wash or commercial service station and can only be done as necessary for health, sanitation, or safety reasons, including but not limited to the washing of garbage trucks and vehicles used to transport food and other perishables. All other vehicle washing is prohibited.

(b) **Commercial or Industrial**

- All actions listed above for all water users apply to commercial and industrial users.
- Hotels, restaurants, and bars required to serve drinking water to patrons on an “on demand” basis.
- Hotels are required to implement laundry conservation measures by encouraging patrons to reuse linens and towels.
- Stock at a commercial plant nursery may be watered only with a hand-held hose, hand-held watering can, or drip irrigation system.
- Commercial and industrial water users are required to reduce water use by a set percentage determined by the Director of Water Utilities.
- Use of water from hydrants for any purpose other than firefighting related activities or other activities necessary to maintain public health, safety and welfare requires a special permit issued by the Director of Water Utilities. Fire hydrant use may be limited to only designated hydrants.

(c) **City and Local Governments**

In addition to actions listed above:

- Continue or initiate any actions available under Stages 1 and 2.
- Review conditions or problems that caused Stage 3. Take corrective action.
- Implement viable alternative water supply strategies.

- Review data received through SENSUS as a method for identifying potential water use violations and wasteful water practices.
- Increase frequency of media releases explaining emergency situation.
- Reduce city and local government water use to maximum extent possible.
- Prohibit the permitting of new swimming pools, Jacuzzi type pools, spas, ornamental ponds and fountain construction. Pools already permitted and under construction may be completely filled with water.
- Institute a mandated reduction in deliveries to all wholesale customers. Such a reduction will be distributed as required by Texas Water Code §11.039.
- If TRWD has imposed a reduction in water available to customers, impose the same percent reduction on wholesale customers.
- The Director of Water Utilities will notify wholesale customer(s) of actions being taken and require them to implement the same stage and measures. Such action is in accordance with the wholesale water contract. Per the contract, wholesale customers are required to institute and apply the same rationing, conservation measures or restrictions to the use of water by their customers for so long as any part of their total water supply is being furnished by the City of Weatherford.

(d) All water users please refer to Table 3-1 City of Weatherford Drought Plan Actions and Measures.

### **Section 3-13. Drought Response and Notification**

The Director of Water Utilities, or his/her designee, shall monitor water supply and/or demand conditions on a daily basis and, in accordance with the triggering criteria set forth in Section 3-10 thru 3-12 of this Plan, shall determine that a mild, moderate, severe, critical, emergency or water shortage condition exists and shall implement the following notification procedures:

#### **Notification**

- (a) **Notification of the Public**-The Director of Water Utilities, or his/ her designee, shall notify the public by means of one or more of the following:
  - a. Publication in a newspaper of general circulation,
  - b. Direct mail or email to each customer,
  - c. Public service announcements,
  - d. Signs posted in public places
  - e. Reverse 911 System
- (b) **Additional Notification**-The Director of Water Utilities, or his/ her designee, shall notify directly, or cause to be notified directly, the following individuals and entities:
  - a. City Council members
  - b. Utility Board members
  - c. Fire Chief

- d. City Emergency Management Coordinator
- e. TCEQ (required when mandatory restrictions are imposed)
- f. Major water users
- g. Critical water users, i.e. hospitals, dialysis centers
- h. Parks Department, Public Works Department, Development & Neighborhood Services Department
- i. Wholesale Customer(s)

### **Section 3-14. Allocation and Alternate Portable Water Supply**

- (a) Every wholesale water contract entered and/or renewed after adoption of the plan, including contract extensions - that in the case of shortage of water resulting from drought, source supply contamination, system outage due to the failure of major system components, and/or water production or distribution system limitations - the water to be distributed shall be divided in accordance with Texas Water Code 11.039. Pro rata curtailment of water deliveries to or diversions by wholesale water customers is authorized by Texas Water Code 11.039.
- (b) In the case of a water shortage due to source water contamination, the City of Weatherford will utilize water from Lake Benbrook which is authorized by Certificate # 08-3356A Amendment to Certificate of Adjudication. In the case of a system outage due to the failure of major water system components, and or water production or system limitations the City of Weatherford will utilize bottled or trucked water.

### **Section 3-15. Enforcement**

- (a) No person shall knowingly or intentionally allow the use of water from Weatherford Utilities for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of this Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by Director of Water Utilities, or his/her designee, in accordance with provisions of this Plan.
- (b) Mandatory water use restrictions may be imposed in Stages 1, 2, and 3. These mandatory water use restrictions will be enforced by warnings and penalties as follows:
  - On the first violation, customers will be given a written warning that they have violated the mandatory water use restriction.
  - On the second and subsequent violations, citations may be issued to customers, with minimum and maximum fines established by ordinance. Each day that one or more of the provisions in this Plan is violated, shall constitute a separate offense.

- After three violations have occurred, the Director of Water Utilities shall, be authorized to discontinue water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge, hereby established at \$250.00, and any other costs incurred by Weatherford Utilities in discontinuing service.
- In addition, suitable assurance must be given to the Director of Water Utilities that the same action shall not be repeated while the Plan is in effect. Compliance with this plan may also be sought through injunctive relief in the district court.

(c) In accordance with any applicable wholesale contract, wholesale customers will be required to implement the same stage and measures for as long as any part of their total water supply is being furnished by the City of Weatherford. Failure to comply with this ordinance will be considered a breach of contract and will be subject to contract cancelations as well as other enforcement measures stated in (b) of this Section.

(d) Any person, including a person classified as a water customer of Weatherford Utilities, in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violation occurred on the person's property shall constitute a rebuttable presumption that the person in apparent control of the property committed the violation, but any such person shall have the right to show that he/she did not commit the violation. Parents shall be presumed to be responsible for violations of their minor children and proof that a violation, committed by a child, occurred on property within the parents' control shall constitute a rebuttable presumption that the parent committed the violation.

(e) Any employee of Weatherford Utilities, police officer, or other City of Weatherford employee designated by the Director of Water Utilities, may issue a citation to a person he/she reasonably believes to be in violation of this Ordinance. The citation shall be prepared in duplicate and shall contain the name and address of the alleged violator, if knowns, the offense charged, and shall direct him/her to appear in the Weatherford Municipal Court on the date shown on the citation for which the date shall not be more than 30 days from the date the citation was issued. The alleged violator shall be served a copy of the citation (in person or by mail). The alleged violator shall appear in Weatherford Municipal Court to enter a plea of guilty or not guilty for the violation of this Plan. If the alleged violator fails to appear in Weatherford Municipal Court, a warrant for his/her arrest may be issued. A summons to spear may be issued in lieu of an arrest warrant. These cases shall be expedited and given preferential setting in Weatherford Municipal Court before all other cases.

## **Section 3-16. Variances**

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

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

(b) Person(s) requesting an exemption from the provisions of this Ordinance shall file a petition for variance from the Director of Water Utilities. All petitions for variances shall be reviewed by the Director of Water Utilities, or his/her designee, and shall include the following:

- i. Name and address of the petitioner(s).
- ii. Purpose of water use.
- iii. Specific provision(s) of the Plan from which the petitioner is requesting relief.
- iv. Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Ordinance.
- v. Description of the relief requested.
- vi. Period of time for which the variance is sought.
- vii. 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.
- viii. Other pertinent information.

(c) Variances may be granted under Stage 1 response-Water Watch if new turf (e.g. hydromulch, grass sod, or grass seed) is installed. Persons requesting watering variance must submit a New Turf special permit with the Director of Water Utilities or his/her designee, prior to installing new turf. Permit authorizes no water restrictions for the first thirty (30) days while it is being established. However, watering must be done before 10 a.m. and after 6 p.m. After that, the water restrictions set forth under Stage 1-Water Watch must apply. (Form 1.2)

(d) Variances granted by Weatherford Utilities shall be subject to the following conditions, unless waived or modified by the Director of Water Utilities or his/her designee:

- i. Variances granted shall include a timetable for compliance.
- ii. Variances granted shall expire when the Plan is no longer in effect, unless the petitioner has failed to meet specified requirements, in which case the variance shall be rescinded by notification to the petitioner.

- (e) No variance shall be retroactive or otherwise justify any violation of this Plan occurring prior to the issuance of the variance.
- (f) No variance shall be required for the use of private water wells. However, a sign must be posted in the area that is being irrigated with such water giving notice of the use of a non-Weatherford Utility water source. The City of Weatherford will supply the signs for homeowners and are available through the Utilities Department.

### **Section 3-17. One-time Variances**

The Director of Water Utilities, or his/her designee, may grant a one-time variance to the existing drought response for sanitary reasons. Each day a variance to the drought response is required, contact must be made to Utilities Dispatch at (817) 598-4257 explaining the reason(s) for the variance request. A determination will be made, and the petitioner will receive written approval or denial via email.

City of Weatherford Drought Plan Actions and Measures					
Use Reduction Goal:			5%	10%	20%
Water User	Water Use or Action Category	Year-Round Water Conservation	Stage 1 - Water Watch	Stage 2 - Water Warning	Stage 3 - Water Emergency
All Water Users	Outdoor Watering	<u>Outdoor watering</u> with sprinklers or irrigation systems between 10:00 a.m. and 6:00 p.m.	Prohibited	Prohibited	Prohibited
		<u>Landscape watering</u> with sprinklers or irrigation systems at each service address:	Limited to twice per week:	Limited to twice per week:	Limited to once per week:
		<u>Residential customers with a street address ending in an even number (0, 2, 4, 6 or 8); but not between 10:00 a.m. and 6:00 p.m.</u>	Wednesday and/or Saturday	Wednesday and/or Saturday	Saturday
		<u>Residential customers with a street address ending in an odd number (1, 3, 5, 7 or 9); but not between 10:00 a.m. and 6:00 p.m.</u>	Thursday and/or Sunday	Thursday and/or Sunday	Sunday
		<u>Non-residential customers; but not between 10:00 a.m. and 6:00 p.m.</u>	Tuesday and/or Friday	Tuesday and/or Friday	Tuesday
		<u>Golf Courses:</u>			
		May water as necessary before 10:00 a.m. and/or after 6:00 p.m.			Prohibited
		Greens and Tee Boxes		Encouraged to reduce water use by 5%	
		Fairways		Encouraged to reduce water use by 10%	
		Roughs		Watering of fairways restricted to once per week	Prohibited
				Watering of roughs prohibited	Prohibited

City of Weatherford Drought Plan Actions and Measures					
Use Reduction Goal:			5%	10%	20%
Water User	Water Use or Action Category	Year-Round Water Conservation	Stage 1 - Water Watch	Stage 2 - Water Warning	Stage 3 - Water Emergency
All Water Users	Outdoor Watering	<u>Sports and Athletic Fields:</u>			
		Skinned areas of sports fields	May be watered as needed for dust control		Prohibited
		Athletic fields used for organized sports practice, competition, or exhibition events (does not include surrounding landscaped areas)	May occur as necessary to protect the health and safety of the players, staff, or officials present for athletic events.		<u>May be allowed by variance; a water management plan must be submitted to the Director of Water Utilities detailing how each area will comply with Stage 3 drought measures; Encouraged to reduce water use by 20%</u>
			Encouraged to reduce water use by 5%	Encouraged to reduce water use by 10%	
	<u>Public Areas:</u> Areas that are open to the public at-large and have a high-impact from frequent use such as amphitheaters, demonstration gardens, arboreta, etc.	The Director of Water Utilities may grant a variance for additional watering if it is deemed to be beneficial to serve and protect the community amenity			Prohibited
		All users are encouraged to use native and adapted drought tolerant plants in landscaping			
	<u>Exceptions to Outdoor Watering Restrictions</u>	<u>New Turf:</u> Users must obtain a New Turf special permit if new hydromulch, grass sod, or grass seed is installed. If the New Turf special permit is approved, there are no watering restrictions for the first 30 days while it is being established. After that, the watering restrictions set forth in the applicable stage apply. (Form: New Turf Special Permit)	Allowed with New Turf special permit	Establishing new turf is discouraged	All users are encouraged to wait until the current drought or emergency situation has passed before establishing new landscaping and turf
		<u>Foundations:</u>	No restrictions	May be watered up to two hours on any day by handheld hose; or using a soaker hose or drip system placed within 24 inches of the foundation that does not produce a spray of water above the ground.	

City of Weatherford Drought Plan Actions and Measures					
Use Reduction Goal:			5%	10%	20%
Water User	Water Use or Action Category	Year-Round Water Conservation	Stage 1 - Water Watch	Stage 2 - Water Warning	Stage 3 - Water Emergency
All Water Users	Exceptions to Outdoor Watering Restrictions	<u>Selected Landscaping Plants:</u>	No restrictions	Newly installed shrubs (first year) and trees may be watered up to two hours on any day by handheld hose, drip irrigation, soaker hose, or tree bubbler. Tree watering is limited to an area not to exceed the drip line of a tree.	
		<u>Well water:</u>	Watering restrictions do not apply to locations using well water		
		<u>Special Irrigation Systems:</u> Systems with an ET controller or sub surface irrigation system; Irrigation plans must be submitted for approval prior to installation. (Form: Irrigation System Application)	No restrictions	No restrictions	No restrictions
		<u>Plumbing Repairs:</u>	Water use necessary for the repair of an irrigation system, plumbing line, fountain, etc. in the presence of the person making the repair is allowed		
		<u>Large Multi-Station Irrigation Systems:</u>	Subject to variance request	Subject to variance request	Subject to variance request
	Hosing of surfaces	Hosing of paved areas, such as sidewalks, driveways, parking lots, tennis courts, patios, or other impervious surfaces, except to alleviate an immediate health or safety hazard	Allowed	Discouraged	Discouraged
		Hosing of buildings or other structures for purposes other than fire protection or surface preparation prior to painting	Allowed	Discouraged	Discouraged
					Prohibited; power washing must be performed by a professional power washing service utilizing high-efficiency equipment and a vacuum recovery system where possible

City of Weatherford Drought Plan Actions and Measures					
Use Reduction Goal:			5%	10%	20%
Water User	Water Use or Action Category	Year-Round Water Conservation	Stage 1 - Water Watch	Stage 2 - Water Warning	Stage 3 - Water Emergency
All Water Users	Water Waste	Failure to repair a controllable leak	Discouraged	Prohibited	Prohibited
		Operating an irrigation system with a broken head; a head that is spraying over a street or parking lot; or a head that is misting because of high water pressure	Discouraged	Prohibited	Prohibited
		Allowing irrigation to form a stream of water in a street for a distance of 50 feet or greater; or to pond in a street or parking lot to a depth greater than 1/4"	Discouraged	Prohibited	Prohibited
		Irrigation during any form of precipitation or when temperatures are at or below 32 degrees Fahrenheit	Discouraged	Prohibited	Prohibited
All Water Users	Pools, Hot Tubs, and Fountains	<u>Pools</u> : Filling, draining, or refilling of swimming pools, wading pools, hot tubs and Jacuzzi type pools		Discouraged; except to maintain adequate water levels for structural integrity, proper operation and maintenance, and/or to alleviate an issue that poses a public safety risk  *No use of automatic fill valves under Stage 2	Prohibited; existing private and public pools may add water to maintain levels; no use of automatic fill valves
		<u>Pool Covers</u> :	Not required	Not required	Encourage the use of covers for all types of pools, hot tubs, and Jacuzzi type pools when not in use
		<u>Operation of Ornamental Fountains or Ponds</u> that use potable water:	Allowed	Allowed	Prohibited; except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.

City of Weatherford Drought Plan Actions and Measures					
Use Reduction Goal:			5%	10%	20%
Water User	Water Use or Action Category	Year-Round Water Conservation	Stage 1 - Water Watch	Stage 2 - Water Warning	Stage 3 - Water Emergency
All Water Users	Residential Customers:	Allowed	Washing of any motor vehicle, motorbike, boat, trailer, airplane, etc. shall be limited to the use of a hand-held bucket or a hand-held hose equipped with a positive-pressure shutoff nozzle for quick rinses	Prohibited	
	Commercial Customers:	Vehicle washing may be done at any time on the premises of a commercial car wash or commercial service station. Companies with an automated on-site vehicle washing facility may wash its vehicles at any time.			Permitted only as necessary for health, sanitation, or safety reasons (i.e. garbage trucks and vehicles used to transport food or perishables)
Commercial and Industrial	All commercial and industrial users	All actions listed above for "All Water Users" apply to commercial and industrial users			
	<u>Hotels, Restaurants and Bars:</u> Serve drinking water to patrons on an "on demand" basis		Encouraged	Encouraged	Required
	<u>Hotels:</u> Implementation of laundry conservation measures by encouraging patrons to reuse linens and towels		Encouraged	Encouraged	Required
	<u>Car-wash Facilities:</u>		Must keep equipment in good working order		
	<u>Irrigation System Audit:</u>		All commercial and industrial customers are encouraged to audit irrigation systems		All outdoor watering prohibited
	<u>Commercial Plant Nursery:</u> Watering of plant stock	As necessary	As necessary	As necessary	By hand-held hose, hand-held watering can, or drip irrigation system only

City of Weatherford Drought Plan Actions and Measures					
Use Reduction Goal:			5%	10%	20%
Water User	Water Use or Action Category	Year-Round Water Conservation	Stage 1 - Water Watch	Stage 2 - Water Warning	Stage 3 - Water Emergency
Commercial and Industrial	<u>Use of Fire Hydrants:</u> for any purpose other than firefighting related activities or other activities necessary to maintain public health, safety and welfare	By application only	By application only	By variance only	By special permit only
	<u>Mandated Reductions:</u> (applicable to commercial and industrial water users)				Required to reduce water use by a set percentage determined by the Director of Water Utilities
City and Local Governments	<u>Corrective Action:</u>		Review conditions and problems; take corrective action		
	<u>Public Education:</u>		Increase public education efforts on ways to reduce water use	Further accelerate public education efforts on ways to reduce water use	Increase frequency of media releases explaining emergency situation
	<u>Water Use Data:</u>		Review water use data as a method of identifying potential water use violations and wasteful water practices		
	<u>Enforcement:</u>		Increase enforcement efforts		
	<u>Leak Detection:</u>		Intensify leak detection and repair efforts		
	<u>Irrigation System Audit:</u>		Audit all city and local government irrigation systems to ensure proper condition, settings, and operation		
	<u>Water Use Audit:</u>		Identify and encourage voluntary reduction measures by high-volume water users through water use audits		
	<u>Street Sweeping:</u>			Prohibit wet street sweeping	Prohibit wet street sweeping
	<u>Non-essential Water Use:</u> uses that do not have any health or safety impact and are not needed to meet the core function of the agency		Reduce non-essential water use	Eliminate non-essential water use	Reduce water use to maximum extent possible

City of Weatherford Drought Plan Actions and Measures					
Use Reduction Goal:			5%	10%	20%
Water User	Water Use or Action Category	Year-Round Water Conservation	Stage 1 - Water Watch	Stage 2 - Water Warning	Stage 3 - Water Emergency
City and Local Governments	<u>Permitting</u> of New Swimming Pools, Jacuzzi type pools, spas, ornamental ponds and fountain construction:				Prohibited; pools already permitted and under construction may be filled with water
	<u>Wholesale Customers:</u>		Notify wholesale customers of actions being taken and require them to implement the same stage and measures		
	<u>Mandated Reductions:</u>				Institute mandated reductions to all wholesale customers, to be distributed as required by Texas Water Code §11.039

## Appendix A

## Appendix B



# Irrigation System Permit Application

**\*\*All contractors MUST FIRST REGISTER (one time per year) by completing the Annual Contractor Registration Form\*\***  
Unless a plan review is required this is an OVER-THE-COUNTER permit and application can also be made through  
email at [PermitApplications@weatherfordtx.gov](mailto:PermitApplications@weatherfordtx.gov).\*

**\*\*A non-refundable permit application fee of \$75.00 will be charged at the time of permit application.\*\***

Application Date: \_\_\_\_\_

Project Address: \_\_\_\_\_

Property Owner(s) Name: \_\_\_\_\_

Street Address: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Contractor(s) Name: \_\_\_\_\_ Business Name: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

YES	NO	Minimum Requirements
		Legible and valid irrigator's seal, signature, date signed and license number.
		Physical features: trees, slopes, impervious surfaces, sidewalks, driveways, fences, wells, onsite sewage facilities, buildings and flower beds
		North Arrow
		Legend
		Boundaries of area to be irrigated and areas not to be irrigated clearly identified.
		Zone flow measurement for each zone
		Location of controller(s)
		Location and type of sensor used (e.g., rain and freeze system)
		Location, type and size of water source(s)
		Location, type and size of the backflow assembly
		Location, type and size of water emission devices
		Location, type and size of all valves (e.g., isolation valve, master valve or zone valve)
		Location, type and size of pressure regulation components
		Location, type and size of main line and lateral pipe material
		Design pressure calculation indicating operating pressure with total pressure losses to the water source. Provide hydraulic calculations indicating pressure at largest and furthest zones from the water source.

The City of Weatherford requires all Irrigation Systems installed within the city limits to be inspected. The backflow device MUST BE TESTED upon installation and annually thereafter by a licensed backflow tester. All test reports must be turned into this office for each device.

**BACKFLOW TESTERS MUST SUBMIT ALL REPORTS TO THE CITY OF WEATHERFORD,  
DEVELOPMENT & NEIGHBORHOOD SERVICES DEPARTMENT**

AN ISSUED PERMIT BECOMES NULL AND VOID IF THE WORK ON THE SITE AUTHORIZED BY THE PERMIT DOES NOT COMMENCE WITHIN 180 DAYS OF ISSUANCE, OR IF THE WORK IS INCOMPLETE DUE TO SUSPENSION OR ABANDONMENT 180 DAYS AFTER THE WORK COMMENCED. REQUESTS FOR INSPECTIONS REQUIRE A MINIMUM 24 HOURS NOTICE.

ALL IRRIGATION SYSTEM PERMITS REQUIRE AN **UNDERGROUND IRRIGATION INSPECTION**, AND A **FINAL IRRIGATION INSPECTION**. THE BACKFLOW REPORT COMPLETED BY THE BACKFLOW TESTER IS REQUIRED TO BE AT THE JOB SITE AT THE TIME OF FINAL IRRIGATION INSPECTION.

BY SIGNING THIS APPLICATION I CERTIFY THAT INSTALLATION OF THIS IRRIGATION SYSTEM MEETS OR EXCEEDS THE MINIMUM STANDARDS OF THE CITY OF WEATHERFORD, TEXAS AND THE STATE OF TEXAS.

I HEREBY AFFIRM I HAVE READ THE APPLICATION, THE ABOVE STATEMENTS ARE TRUE AND CORRECT, AND I ALSO AGREE TO COMPLY WITH ALL APPLICABLE PROVISIONS OF THE ADOPTED BUILDING CODES.

Contractor Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Registration Number: \_\_\_\_\_

## Appendix C



## Water Rate Structure-Appendix C

(current as of the date of adoption of this Water Conservation and Drought Contingency Plan; subject to revisions by the City Council of Weatherford, Texas)

### Residential Rates - Effective 10/01/2016

Customer Charge - 3/4 inch meter (Minimum)	\$31.14
Customer Charge - 1 inch meter (Minimum)	\$51.90
Customer Charge - 1 1/2 inch meter (Minimum)	\$103.79
Customer Charge - 2 inch meter (Minimum)	\$166.07
Customer Charge - 3 inch meter (Minimum)	\$363.28
Customer Charge - 4 inch meter (Minimum)	\$622.77
Customer Charge - 6 inch meter (Minimum)	\$1297.44
Customer Charge - 8 inch meter (Minimum)	\$1868.31
Per CU. FT. (0 -1000)	\$0.05597
Per CU. FT. (1000 - 3500)	\$0.06992
Per CU. FT. (3500-5000)	\$0.08752
Per CU. FT. (All over 5000)	\$0.10961

### Commercial Rates - Effective 10/1/2016

Customer Charge - 3/4 inch meter (Minimum)	\$31.01
Customer Charge - 1 inch meter (Minimum)	\$51.69
Customer Charge - 1 1/2 inch meter (Minimum)	\$103.38
Customer Charge - 2 inch meter (Minimum)	\$165.40
Customer Charge - 3 inch meter (Minimum)	\$361.82
Customer Charge - 4 inch meter (Minimum)	\$620.27
Customer Charge - 6 inch meter (Minimum)	\$1292.22
Customer Charge - 8 inch meter (Minimum)	\$1860.80
Per CU. FT.	\$0.05574

### Fire Hydrant Meters - Effective 10/1/2016

Customer Charge (Minimum) - FH 2 inch	\$165.40
Customer Charge (Minimum) - FH 3 inch	\$361.82
Per CU. FT.	\$0.10565

## Appendix D



## Fire Hydrant Water Meter

In accordance with the City of Weatherford's Drought Contingency Plan; Stage 2 (WATER WARNING) response:

Use of water from fire hydrants for any purpose other than firefighting related activities or other activities necessary to maintain public health, safety, and welfare requires a variance issued by the Director of Water Utilities. Fire hydrant use may be limited to only designated hydrants. If conditions allow, the use of water from hydrants may continue until the Director of Water Utilities or his/her designee issues a determination on the petition for variance. If conditions do not allow, the Director of Water Utilities may require all fire hydrant meters be immediately returned from the field.

Company Name: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Account No.: \_\_\_\_\_

Meter No: \_\_\_\_\_

Current Meter Reading: \_\_\_\_\_

\_\_\_\_\_  
Company Representative (Print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
City Representative (Print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

For more information, please visit [www.weatherfordtx.gov](http://www.weatherfordtx.gov).

Should you have any questions, please contact Director of Water Utilities, Richard Shaffer, at (817)598-4473.

## Appendix E



## New Turf Special Permit

In accordance with the City of Weatherford's Water Conservation & Drought Contingency Plan:

Upon approval by the Director of Water Utilities, or his/her designee, new turf (grass seed, hydromulch, or grass sod) may be watered under the following conditions:

- New turf may be watered for the first 30 days while it is being established.
- No watering between 10:00 a.m.-6:00 p.m.
- Authorization will expire within 30 days.

Property Address: \_\_\_\_\_

Name of Property Owner/Authorized Representative: \_\_\_\_\_

Email Address: \_\_\_\_\_

Daytime Phone #: \_\_\_\_\_ Cell Phone #: \_\_\_\_\_

Date of Turf or Landscaping Installation: \_\_\_\_\_

Describe turf or landscaping for which water use is required and location on property:

I have read and understand the Year-Round Water Conservation Measures and Stage 1 watering restrictions.

Signature of Owner/Authorized Representative:

Authorization Expires On:

City Representative (Print)

### Signature

Date

⇒ Please drop off in person at:

City of Weatherford  
Service Center Location  
917 Eureka St.  
Weatherford, TX 76086

⇒ OR email to: [arudolph@weatherfordtx.gov](mailto:arudolph@weatherfordtx.gov)

For more information, please visit [www.weatherfordtx.gov/conservationstages](http://www.weatherfordtx.gov/conservationstages).

Should you have any questions, please contact the Environmental Compliance & Reg. Affairs office at (817)598-4275.