



Texas Commission on Environmental Quality

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

Drought Contingency Plan
for Investor-Owned Utility

Drought Contingency Plans must be formally adopted by the governing body of the water provider and documentation of adoption must be submitted with the plan. For private investor-owned utilities, the drought contingency plan is to be incorporated into the utility's rate tariff.

Table with 2 columns: Field Name, Value. Fields include Utility Name, Address, Telephone Number, CCN and/or PWS Numbers, Regional Water Planning Group, Form Completed by, Title, and Person responsible for implementation.

I, Russell W. Burch, being the responsible official for Oakwood Subdivision Water System, request a minor tariff amendment to include the enclosed Drought Contingency Plan.

DocuSigned by:
Russell W Burch
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May 18, 2023 | 6:32 AM PDT

(Signature)

(Date)

Section I Declaration of Policy, Purpose, and Intent

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

Section II Public Involvement

Opportunity for the public to provide input into the preparation of the Plan was provided by:

Scheduling and providing public notice of a public meeting to accept input on the Plan.

The meeting took place at:

Date: 5/17/2023 Time: 5:30pm Location: Oakwood POA Clubhouse

Section III Public Education

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

Drought plan information will be provided by:
(check at least one of the following)

- Public Meeting*
- press releases*
- utility bill inserts*
- other Email/Letter to Customers and posting at the Mail Station*

Section IV Coordination with Regional Water Planning Groups

The service area of the Oakwood Subdivision Water System is located within Regional Water Planning Group (RWPG) I. Oakwood Subdivision Water System has mailed a copy of this Plan to the RWPG.

Section V Notice Requirements

Written notice will be provided to each customer **prior to implementation or termination of each stage of the water restriction program**. Mailed notice must be given to each customer 72 hours prior to the start of water restriction. If notice is hand delivered, the utility cannot enforce the

provisions of the plan for 24 hours after notice is provided. The written notice to customers will contain the following information:

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

The utility must notify the TCEQ prior to implementing mandatory drought contingency water use restrictions through the online reporting form:

https://www.tceq.texas.gov/drinkingwater/homeland_security/security_pws

For questions regarding this requirement, contact the TCEQ Public Drinking Water Section Drought Team at 512-239-4691.

Section VI Violations

First violation - The customer will be notified by written notice of their specific violation.

Subsequent violations:

- a) After written notice, the utility may install a flow restricting device in the line to limit the amount of water which will pass through the meter in a 24-hour period. The utility may charge the customer for the actual cost of installing and removing the flow restricting device, not to exceed \$150.00.
- b) After written notice, the utility may discontinue service at the meter for a period of seven (7) days, or until the end of the calendar month, whichever is LESS. The reconnect fee of the utility will apply for restoration of service.

Section VII Exemptions or Variances

The utility may grant any customer an exemption or a variance from the drought contingency plan for good cause **upon written request**. The utility will treat all customers equally concerning exemptions and variances and shall not discriminate in granting exemptions and variances. No exemption or variance shall be retroactive or otherwise justify any violation of this Plan occurring prior to the issuance of a variance.

Section VIII Response Stages

Unless there is an immediate and extreme reduction in water production, or other absolute necessity to declare an emergency or severe condition, the utility will initially declare Stage 1 restrictions. If, after a reasonable period of time, demand is not reduced enough to alleviate outages, reduce the risk of outages, or comply with restrictions required by a court, government agency or other authority, Stage 2 may be implemented with Stage 3 to follow if necessary.

STAGE 1 - CUSTOMER AWARENESS

Stage 1 will begin:

Every April 1st, the utility will email and post a public announcement to its customers. No notice to TCEQ required.

Stage 1 will end:

Every September 30th, the utility will email and post a public announcement to its customers. No notice to TCEQ required.

Utility Measures:

This announcement will be designed to increase customer awareness of water conservation and encourage the most efficient use of water. A copy of the current public announcement on water conservation awareness shall be kept on file available for inspection by the TCEQ.

Voluntary Water Use Restrictions:

Water customers are requested to voluntarily limit the use of water for non-essential purposes and to practice water conservation.

STAGE 2 - VOLUNTARY WATER CONSERVATION:

Target: Achieve a 20 percent reduction in daily water demand.

The water utility will implement Stage 2 when any one of the selected triggers is reached:

Supply-Based Triggers: *(check at least one and fill in the appropriate value)*

- Well level reaches ____ ft. mean sea level (m.s.l.)
- Overnight recovery rate reaches ____ ft.
- Reservoir elevation reaches ____ ft. (m.s.l.)
- Stream flow reaches ____ cfs at USGS gage # ____
- Wholesale supplier's Drought Stage 2 ____
- Annual water use equals ____ % of well permit/Water Right/purchased water contract amount
- Other ____

Demand- or Capacity-Based Triggers: *(check at least one and fill in the appropriate value)*

- Drinking water treatment as % of capacity ____ %
- X Total daily demand as % of pumping capacity 60 %
- Total daily demand as % of storage capacity ____ %
- Pump hours per day ____ hrs.
- Production or distribution limitations ____.
- Other ____

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

Requirements for Termination:

Stage 2 of the Plan may end when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days. Upon termination of Stage 2, Stage 1 becomes operative.

Utility Measures:

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

Describe additional measures, if any, to be implemented directly by the utility to manage limited water supplies and/or reduce water demand. Reduced or discontinued flushing of water mains.

Alternative water source(s) for Oakwood Subdivision Water System : Virginia Hill WSC Emergency Connection.

Voluntary Water Use Restrictions:

1. Restricted Hours: Outside watering is allowed daily, but only during periods specifically described in the customer notice; between 10:00 p.m. and 5:00 a.m. for example; or
2. Restricted Days/Hours: Water customers are requested to voluntarily limit the irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems. Customers are requested to limit outdoor water use to **Mondays for water customers with a street address ending with the numbers 1, 2, or 3, Wednesdays for water customers with a street address ending with the numbers 4, 5, or 6, and Fridays for water customers with a street address ending with the numbers 7, 8, 9, or 0.** Irrigation of landscaped areas is further limited to the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, irrigation of landscaped areas is permitted at any time if it is by means of a hand-held hose, a faucet-filled bucket or watering can of five (5) gallons or less, or drip irrigation system; or
3. Other uses that wastewater such as water running down the gutter.

STAGE 3 - MANDATORY WATER USE RESTRICTIONS:

Target: Achieve a 30 percent reduction in daily water demand.

The water utility will implement Stage 3 when any one of the selected triggers is reached:

Supply-Based Triggers (check at least one and fill in the appropriate value)

- Well level reaches ____ ft. (m.s.l.)
- Overnight recovery rate reaches ____ ft.
- Reservoir elevation reaches ____ ft. (m.s.l.)
- Stream flow reaches ____ cfs at USGS gage # ____
- Wholesale supplier's Drought Stage 3 ____
- Annual water use equals ____ % of well permit/Water Right/purchased water contract amount.
- Other ____

Demand- or Capacity-Based Triggers (check at least one and fill in the appropriate value)

- Drinking water treatment as % of capacity ____ %
- X Total daily demand as % of pumping capacity 70 %
- Total daily demand as % of storage capacity ____ %
- Pump hours per day ____ hrs.
- Production or distribution limitations ____.
- Other ____

Upon initiation and termination of Stage 3, the utility will mail a public announcement to its customers. Notice to TCEQ required.

Requirements for Termination:

Stage 3 of the Plan may end when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days. Upon termination of Stage 3, Stage 2, or the applicable drought response stage based on the triggering criteria, becomes operative.

Utility Measures:

Visually inspect lines and repair leaks on a regular basis. Flushing is prohibited except for dead end mains.

Describe additional measures, if any, to be implemented directly by the utility to manage limited water supplies and/or reduce water demand. Activation and use of an alternative emergency supply source (Virginia Hill Emergency Interconnection).

Mandatory Water Use Restrictions:

The following water use restrictions shall apply to all customers.

1. Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems **shall be limited to Mondays for water customers with a street address ending with the numbers 1, 2, or 3, Wednesdays for water customers with a street address ending with the numbers 4, 5, or 6, and Fridays for water customers with a street address ending with the numbers 7, 8, 9, or 0.** Irrigation of landscaped areas is further limited to the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, irrigation of landscaped areas is permitted at any time if it is by means of a hand-held hose, a faucet-filled bucket or watering can of five (5) gallons or less, or drip irrigation system.
2. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rinses. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public are contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.
3. Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or a Jacuzzi type pool are prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight.
4. Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.
5. Use of water from hydrants or flush valves shall be limited to maintaining public health, safety, and welfare.

6. Use of water for the irrigation of golf courses, parks, and green belt areas are prohibited except by hand-held hose and only on designated watering days between the hours 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight.
7. The following uses of water are defined as non-essential and are prohibited:
 - a. wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
 - b. use of water to wash down buildings or structures for purposes other than immediate fire protection;
 - c. use of water for dust control;
 - d. flushing gutters or permitting water to run or accumulate in any gutter or street;
 - e. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and
 - f. any waste of water.

STAGE 4 - CRITICAL WATER USE RESTRICTIONS:

Target: Achieve a 70 percent reduction in daily water demand.

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

Supply-Based Triggers: (check at least one and fill in the appropriate value)

- Well level reaches _____ ft. (m.s.l.)
- Overnight recovery rate reaches _____ ft.
- Reservoir elevation reaches _____ ft. (m.s.l.)
- Stream flow reaches _____ cfs at USGS gage # _____
- Wholesale supplier's Drought Stage 4 _____
- Annual water use equals _____ % of well permit/Water Right/purchased water contract amount
- Supply contamination
- Other _____

Demand- or Capacity-Based Triggers: (check at least one and fill in the appropriate value)

- Drinking water treatment as % of capacity _____ %
- X Total daily demand as % of pumping capacity 90 %
- Total daily demand as % of storage capacity _____ %
- Pump hours per day _____ hrs
- Production or distribution limitations
- System outage
- Other _____

Upon initiation and termination of Stage 4, the utility will mail a public announcement to its customers. Notice to TCEQ required.

Requirements for Termination:

Stage 4 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days. Upon termination of Stage 4, Stage 3, or the applicable drought response stage based on the triggering criteria, becomes operative.

Operational Measures:

The utility shall visually inspect lines and repair leaks on a daily basis. Flushing is prohibited except for dead end mains and only between the hours of 9:00 p.m. and 3:00 a.m. Emergency interconnects or alternative supply arrangements shall be initiated. All meters shall be read as often as necessary to ensure compliance with this program for the benefit of all the customers.

Describe additional measures, if any, to be implemented directly to manage limited water supplies and/or reduce water demand. Activation and use of an alternative emergency supply source (Virginia Hill Emergency Interconnection).

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

1. Irrigation of landscaped areas is absolutely prohibited.
2. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.

SYSTEM OUTAGE or SUPPLY CONTAMINATION

Notify TCEQ Regional Office immediately.