



dallas water utilities
city of dallas

City of Dallas

Drought Contingency Plan

*Adopted by Resolution of the
Dallas City Council on February 26, 2014*

Dallas Water Utilities
1500 Marilla, Room 4AN
Dallas, Texas 75201

Wholesale Untreated Water Customers:

Require implementation of like procedures by wholesale water customers in accordance with their water contracts, state mandated drought and conservation plans, State law and TCEQ regulations.

Wholesale Water Customer:

Require implementation of like procedures by wholesale water customers in accordance with their water contracts, state mandated drought and conservation plans, state law and TCEQ regulations.

Interruptible Water Customers:

Reduce usage for interruptible customers per contract terms.

➤ **Stage 2 Response**

Target: Achieve a 15 percent reduction in total gallons per capita per day (GPCD).

Water Use Restrictions for Demand Reduction:

Following is a menu of possible actions. Specific actions taken during any drought situation will be determined by the Director of DWU. The Director may also take other actions not listed, if deemed necessary. All requirements of Stage 1 shall remain in effect during Stage 2, and the following additional measures will be required:

All Water Users:

Landscape Uses:

- A. All water customers are reminded to observe all requirements of the Water Conservation Ordinance, as established in the Dallas City Code, Chapter 49, Water and Wastewater, Section 49-21. Additionally, require reduction of water use through **mandatory** maximum 1-day-per-week landscape watering schedule and require watering only during allowed watering hours as defined in Section VII. Irrigation of landscaped areas with hose-end sprinklers and automatic irrigation systems will be limited to trash pick-up days for residential customers and Wednesdays for commercial customers. Strongly discourage planting of new landscapes, including lawns, hydro-seeding and sod.

Swimming Pools and Other Recreational Uses:

- A. Encourage further reduction in frequency in draining and refilling of swimming pools.
- B. Continue to prohibit recreational water usage, including the use of faucets, hoses or hydrants, which results in water run-off or other prohibited waste of water.

Foundations:

Foundations may be watered on any day of the week and at any time. Foundations may be watered with a drip irrigation system, soaker hose or a hand-held hose equipped with a positive shut-off nozzle.

Vehicle Washing:

Restrict washing of any motor vehicle, motorbike, boat, trailer, airplane or other vehicle to the use of 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 vehicle wash facility or commercial service station. Companies with an automated on-site vehicle washing facility may wash vehicles at any time.

High Demand Surcharge:

A. Residential Customers

A 25 percent rate increase for high water demand users (greater than 15,000 gallons per month per account) shall be initiated to discourage non-essential use.

B. Commercial Customers

A 25 percent rate increase for high water demand users (greater than 10,000 gallons and 1.4 times annual average monthly usage per account) shall be initiated to discourage non-essential use.

City Government:

- A. Initiate engineering studies to evaluate alternatives to mitigate drought conditions should conditions worsen.
- B. Accelerate public education campaign teaching and encouraging reduced water use practices.
- C. Continue intensified leak detection and repair activities on water pipes and mains.
- D. Prohibit flushing of new mains not immediately required to provide service.
- E. City government restricted to mandatory maximum once weekly landscape watering schedule.
- F. Require reduction of water use through mandatory once weekly landscape watering schedule for city parks and golf courses.
- G. Prohibit operation of city-owned ornamental fountains and water features.
- H. Reduce frequency of wet street sweeping and city vehicle washing or rinsing by 50 percent.
- I. Increase enforcement efforts through proactive code enforcement.

Commercial Customers:

Require reduction of water use through mandatory maximum once weekly landscape watering schedule for private parks and golf courses.

Wholesale Water Customer

Require water demand reductions in accordance with contract obligations for wholesale water customers.

Vehicle Washing:

Restrict washing of any motor vehicle, motorbike, boat, trailer, airplane or other vehicle to the use of 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 vehicle wash facility or commercial service station. Companies with an automated on-site vehicle washing facility may wash vehicles at any time.

High Demand Surcharge:

A. Residential Customers

A 25 percent rate increase for high water demand users (greater than 15,000 gallons per month per account) shall be initiated to discourage non-essential use.

B. Commercial Customers

A 25 percent rate increase for high water demand users (greater than 10,000 gallons and 1.4 times annual average monthly usage per account) shall be initiated to discourage non-essential use.

City Government:

- A. Initiate engineering studies to evaluate alternatives to mitigate drought conditions should conditions worsen.
- B. Accelerate public education campaign teaching and encouraging reduced water use practices.
- C. Continue intensified leak detection and repair activities on water pipes and mains.
- D. Prohibit flushing of new mains not immediately required to provide service.
- E. City government restricted to mandatory maximum once weekly landscape watering schedule.
- F. Require reduction of water use through mandatory once weekly landscape watering schedule for city parks and golf courses.
- G. Prohibit operation of city-owned ornamental fountains and water features.
- H. Reduce frequency of wet street sweeping and city vehicle washing or rinsing by 50 percent.
- I. Increase enforcement efforts through proactive code enforcement.

Commercial Customers:

Require reduction of water use through mandatory maximum once weekly landscape watering schedule for private parks and golf courses.

Wholesale Water Customer

Require water demand reductions in accordance with contract obligations for wholesale water customers.

Wholesale Water Contracts:

Every offer for a new wholesale contract shall be reviewed. An assessment of the current and future water delivery capacity of DWU for the contract terms will be performed to ensure the sustainability of DWU's commitments to current customers.

➤ **Stage 3 Response**

Target: Achieve a 20 percent reduction in total gallons per capita per day (GPCD).

Water Use Restrictions for Reducing Demand:

Following is a menu of possible actions. Specific actions taken during any drought situation will be determined by the Director of DWU. The Director may also take other actions not listed, if deemed necessary. All requirements of Stages 1 and 2 shall remain in effect during Stage 3, and the following additional measures will be required:

All Water Users

Landscape Uses:

- A. Irrigation of turf, shrubs, perennials, annuals, ground covers and any other landscaped area by any method is absolutely prohibited. Trees may be irrigated with drip irrigation system, soaker hoses or with a hand-held hose one day per week on the Stage 2 watering schedule and within the permitted watering hours.
- B. Installation of new landscapes or turf areas is prohibited.
- C. Operation of any water feature, ornamental fountain or pond that uses potable water is prohibited except where supporting aquatic life or water quality.

Swimming Pools and Other Recreational Uses:

- A. Prohibit the filling, draining and refilling of existing swimming pools, wading pools, Jacuzzi and hot tubs except to maintain structural integrity, proper operation and maintenance or alleviate a public safety risk. Existing pools may add water to replace losses from normal use and evaporation.
- B. Permitting of new swimming pools, wading pools, water features, Jacuzzi and hot tubs is prohibited.
- C. Continue to prohibit recreational water usage, including the use of faucets, hoses or hydrants, which results in water run-off or other prohibited waste of water.

Foundations:

Foundations may be watered one day per week on the Stage 2 watering schedule within the permitted watering hours. Foundations may be watered with a drip irrigation system, soaker hose or a hand-held hose equipped with a positive shutoff nozzle. Water run-off is absolutely prohibited.

Vehicle washing:

Use of water to wash any motor vehicle, motorbike, boat, trailer or other vehicle not

occurring on the premises of a commercial vehicle wash facility or commercial service stations is prohibited. 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 commercial vehicles used to transport food and perishables.

Impervious surface cleaning:

Hosing and washing of paved areas, buildings, structures, windows or other surfaces is prohibited except by variance and performed by a professional service using high efficiency equipment.

High Demand Surcharge:

A. Residential Customers

A 50 percent rate increase for high water demand users (greater than 15,000 gallons per month per account) shall be initiated to discourage non-essential use.

B. Commercial Customers

A 50 percent rate increase for high water demand users (greater than 10,000 gallons and 1.4 times annual average monthly usage per account) shall be initiated to discourage non-essential use.

New Service:

No application for new, additional, expanded, or increased-in-size water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind shall be approved, and time limits for approval of such applications are hereby suspended for such time as this drought response stage or a higher-numbered stage shall be in effect.

City Government:

- A. Wet street sweeping and city vehicle washing or rinsing is prohibited except for reasons of public health, safety and welfare.
- B. Municipal landscape watering prohibited except golf courses (see below).
- C. Watering of golf course greens and tee boxes are restricted to the allowed watering hours as defined in Section VII; watering of other golf course areas and parks is prohibited.

Commercial Customers:

Watering of golf course greens and tee boxes are restricted to the allowed watering hours as defined in Section VII; watering of other golf course areas or parks is prohibited unless the golf course uses a water source other than that provided by the City of Dallas.