

# Water Management Plan Stages Summary

## Year Round

Requirements for initiation

Year-round watering restrictions are in effect when the Aquifer level is above 660 feet mean sea level as determined by EAA at the monitored well for 15 consecutive days.

Year-round water restrictions continue until there is an announcement by EAA that Stage 1 is triggered.

## Stage 1 Triggers -- MILD Water Shortage Conditions

Edwards Aquifer level drops to 660 feet mean sea level at the monitored well

**Target: Achieve a 20 percent reduction in total water use.**

Voluntary Water Use Restrictions for Reducing Demand:

- (a) Watering with an irrigation system or sprinkler is allowed only once a week before 10:00 AM or after 8:00 PM on your designated water day. For addresses ending in 0-1 the designated day is Monday. Addresses ending in 2-3 have a designation of Tuesday. Addresses ending in 4-5 have a designation of Wednesday. Addresses ending in 6-7 have a designation of Thursday. Addresses ending in 8-9 have a designation of Friday.
- (b) Watering days begin and end at midnight; overnight watering is not allowed.
- (c) Hand watering with a hand-held hose, soaker hose, drip irrigation, bucket or water can is permitted any time and any day.
- (d) Use of grey water is allowed at any time.
- (e) The use of commercial car wash facilities is allowed any day.
- (f) Residential car washing allowed during drought once per week on your designated watering day, Saturday or Sunday as long as there is no water waste.
- (g) Washing impervious cover such as parking lots, driveways, streets or sidewalks is prohibited. Health and safety exceptions to this rule may be requested from the City of Castroville in writing.
- (h) All non-public swimming pools must have a minimum of 25 percent of the surface covered with evaporation screens when not in use. Inflatable pool toys or floating decorations may be used.
- (i) Landscape areas on golf courses not directly "in play" are required to follow on-day-per-week watering based on address unless otherwise instructed by the City.
- (j) Operators of golf courses, athletic fields and parks must submit a conservation plan to the City. For submittal requirements, operators should contact the City Administrator.
- (k) All residential fountains and indoor commercial fountains can operate at any stage of drought. Outdoor commercial fountains must have a City of Castroville variance in order to operate during drought stages 1-6.
- (l) Water waste is prohibited at all times. Water waste includes allowing water to run off into gutter, ditch or drain; or failing to repair a controllable leak.

## Stage 2 Triggers -- MODERATE Water Shortage Conditions

Edwards Aquifer level reaches 650 feet mean sea level at the monitored well.

**Target: Achieve a 30 percent reduction total water usage.**

Water Use Restrictions for Demand Reduction:

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

- (a) All restrictions from Stage 1 remain in effect unless added to or replaced by Stage 2.
- (b) Landscape watering with an irrigation system, sprinkler or soaker hose is allowed only once a week from 6 – 10 AM and 8 PM to 12:00 AM on your designated water day, as determined by your address.
- (c) Watering with a drip irrigation or 5-gallon bucket is permitted any day, but only between 6-10 AM and 8:00 PM to 12:00 AM.
- (d) Watering with a hand-held hose is allowed any time on any day.
- (e) Use of grey water is allowed at any time.
- (f) Hotels, motels and other lodging must offer and clearly notify guests of a "linen/towel change on request only" program.
- (g) Use of water from hydrants shall be limited to fire-fighting, related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the City.
- (h) All restaurants may prohibit the serving of water to patrons except upon request of the patron.

## Stage 3 Triggers - SEVERE Water Shortage Conditions

Edwards Aquifer level drops to 640 feet mean sea level at the monitored well

**Target: Achieve a 35 percent reduction in total water use.**

Water Use Restrictions for Demand Reduction:

All restrictions from Stage 1 and Stage 2 remain in effect, unless added to or replaced by Stage 3 rules.

- (a) Landscape watering with an irrigation system, sprinkler or soaker hose is allowed only once every other week from 6:00 – 10:00 AM and 8:00 PM – 12:00 AM on your designated watering day, as determined by your address.
- (b) Watering with drip irrigation is permitted every Monday, Wednesday, and Friday, but only between 6:00 – 10:00 AM and 8:00 PM – 12:00 AM.
- (c) Watering with a hand-held hose, bucket or watering can is allowed any time on any day.

- (d) Use of grey water is allowed at any time.
- (e) Hotels, motels and other lodging facilities must limit linen/towel changes to once every three (3) nights, except for health and safety.
- (f) The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued.

#### **Stage 4 Triggers -- EXTREME Water Shortage Conditions**

Edwards Aquifer level drops to 630 feet mean sea level at the monitored well.

**Target: Achieve a 40 percent reduction in total water use.**

Water Use Restrictions for Reducing Demand: All requirements of Stage 2 and 3 shall remain in effect during Stage 4 with the following additional restrictions:

- (a) 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 for immediate usage. Approval of such applications will be reviewed on an individual basis, but the City shall not be required to approve such application during such time as the drought response stage or higher-numbered stager shall be in effect. Any time limits for approval of such applications are hereby suspended for such time as this drought response stage or higher-numbered stage shall be in effect.
- (b) The filling, refilling, or adding of water to swimming pools, wading pools, and Jacuzzi type pools is prohibited, unless such pool is equipped with a filtration system which requires such pool to maintain a constant level for proper operation.
- (c) The use of commercial car wash facilities, including those at commercial service stations shall occur between the hours of 6:00 AM – 10:00 AM and between 6:00 PM – 10:00 PM.
- (d) Use of grey water is allowed at any time.

#### **Stage 5 Triggers -- CRITICAL Water Shortage Conditions**

Edwards Aquifer level drops to 625 feet mean sea level at the monitored well.

**Target: Achieve a 44 percent reduction in total water use.**

Water Use Restrictions for Reducing Demand: All requirements of Stage 2,3, and 4 shall remain in effect during Stage 5 with the following additional restrictions:

- (a) The use of commercial car wash facilities, including those at commercial service stations shall occur between the hours of 6:00 AM – 8:00 AM and between 8:00 PM – 10:00PM.
- (b) Landscape watering with an irrigation system, sprinkler or soaker hose is allowed only once every other week from 6:00 – 8:00 AM and 8:00 PM – 10:00 PM on your designated watering day, as determined by your address.
- (c) Watering with drip irrigation is permitted every Monday, Wednesday, and Friday, but only between 6:00 – 8:00 AM and 8:00 PM – 10:00 PM.
- (d) Use of grey water is allowed at any time.

#### **Stage 6 Triggers -- EMERGENCY Water Shortage Conditions**

Mayor or City Administrator, or his/her designee, determines that a water supply emergency exists based on:

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

**Target: Achieve reduction in total water use.**

Water Use Restrictions for Reducing Demand. All requirements of Stage 2, 3, 4 and 5 shall remain in effect during Stage 6 with the additional restrictions as follows:

- (a) Irrigation of landscaped areas is absolutely prohibited.
- (b) The filling, refilling or adding of water to all swimming pools, wading pools and Jacuzzi-type pools is absolutely prohibited.
- (c) Use of water to wash any motor vehicle, motorbike, trailer, airplane or other vehicle is absolutely prohibited, including at commercial car wash facilities.