



Trinity Glen Rose Groundwater Conservation District Drought Stages and Associated Water Conservation Measures

Adopted January 11, 2007 by Board Order 2007-001. Amended October 10, 2013 by Board Order 101013-02; effective October 14, 2013.

YEAR-ROUND CONSERVATION

1. The TGRGCD strongly encourages homeowners, homebuilders and/or developers, exempt and non-exempt well users to incorporate the conservation practices as outlined in the City Of San Antonio's Ordinance #100322 where standards became effective January 2006. Specifically, the incorporation of the following best management practices:
 - a. **Rain Sensors** - rain sensors should be installed and maintained on all irrigation systems equipped with automatic irrigation controls;
 - b. **Xeriscape Option** - Homebuilders and/or developers subdividing lots and/or constructing new single family residential homes should offer a xeriscape option in any series of landscaping options offered to prospective home buyers;
 - c. **Model Homes** - Homebuilders and/or developers who construct model homes for a designated subdivision should have at least one model home per subdivision landscaped according to a xeriscape design; and
 - d. **Rain Water Harvesting Systems** - Homebuilders, developers, and homeowners should consider the installation of rain harvesting systems. Rain harvesting systems can reduce reliance on common water supplies with a low cost investment.
2. Waste is prohibited at all times. Allowing groundwater to run off into a gutter, ditch, or drain or failing to repair a controllable leak is considered waste.
3. Users of groundwater should use common sense and best practices to avoid water waste, practice water conservation and minimize use of groundwater for non-essential purposes.
4. Landscape watering with groundwater using an irrigation system, soaker hose, or sprinkler should follow guidelines in accordance with times and days as described below.
5. Hand watering with groundwater using a hand-held hose, drip irrigation or bucket is encouraged any time and any day.
6. Using groundwater for washing impervious cover such as parking lots, driveways, streets or sidewalks is discouraged and should be done responsibly to avoid runoff.
7. The use of commercial vehicle wash facilities that recycle water is encouraged.
8. Reduce groundwater consumption by any means available.

STAGE 1: MODERATE DROUGHT

Water Use Restrictions: Persons using groundwater from non-exempt wells, other than customers of public water supply systems, are encouraged to follow these water use restrictions:

1. Watering with an irrigation system or sprinkler should be limited to only once a week between 12 a.m. and 10 a.m., or 8 p.m. to 12 a.m. on the designated watering day as determined by address:
 - 0 or 1 the irrigation day is Monday,
 - 2 or 3 the irrigation day is Tuesday,
 - 4 or 5 the irrigation day is Wednesday
 - 6 or 7 the irrigation day is Thursday
 - 8 or 9 the irrigation day is Friday.
2. Areas such as medians and common areas, which are not represented by an address, shall water only once a week between 7a.m. and 11 a.m., or 7 p.m. to 11 p.m. on Wednesdays.
3. Non-exempt well users shall reduce their water usage by 5% of the same calendar month during the previous calendar year. Reduction will be based on reported monthly usage for the prior year's same month provided by the non-exempt well owner.
4. All non-public swimming pools should have a minimum of 25 percent of the surface area covered with evaporation screens when not in use. Inflatable pool toys or floating decorations may be used.
5. Hand watering with a hand-held hose, drip irrigation, or bucket is allowed any time and any day; however, we strongly encourage use of these methods during the hours of 7a.m. and 11 a.m., or 7 p.m. to 11 p.m..
6. Washing impervious cover such as parking lots, driveways, streets or sidewalks is prohibited if the water is allowed to run into the street or enter a drain or drainage channel.
7. Residential washing of vehicles or other equipment is should be done only on Saturday or Sunday. A hose with an automatic shut-off nozzle or bucket of five gallons or less should be used. Water should not be allowed to run into the street or drain.
8. The use of commercial car wash facilities that recycle water is encouraged.
9. Operators of golf courses, athletic fields, parks, and irrigators of over 1 acre utilizing a non-exempt well must submit a water conservation plan to the Trinity Glen Rose Groundwater Conservation District. TGRGCD encourages plans that eliminate irrigation between the hours of 10 a.m. and 8 p.m. and provide for irrigation of landscape areas not directly "in play" once per week.
10. Waste and non-essential water use, as defined under Texas Water Code, Chapter 36, and TGRGCD Chapter 4 Definitions, is prohibited.

STAGE 2: SEVERE DROUGHT

Water Use Restrictions: All requirements of Stage 1 shall remain in effect during Stage 2 with the following modifications applicable to persons using groundwater from non-exempt wells, other than customers of public water supply systems:

1. Aesthetic fountains are discouraged, unless an alternative source of water other than groundwater is used.
2. Watering with a hand-held hose or drip irrigation is allowed at any time; however, we strongly encourage using these methods during the hours of 7a.m. and 11 a.m., or 7 p.m. to 11 p.m..
3. Watering with an irrigation system or sprinkler permitted only once a week on the designated watering day during the hours of 7a.m. and 11 a.m., or 7 p.m. to 11 p.m. is encouraged. Designated watering days will be determined by the last digit of the address on which the water well is located. The designated watering day chart is identified in stage 1 of this plan.

4. Areas such as medians and common areas, which are not represented by an address, shall water only once a week before during the hours of 7a.m. and 11 a.m., or 7 p.m. to 11 p.m on Wednesdays.
5. Non-exempt well users shall reduce their water usage by 10% of the same calendar month during the previous calendar year. Reduction will be based on reported monthly usage for the prior year's same month provided by the non-exempt well owner.
6. Residential, commercial, industrial, and agricultural Trinity Aquifer water users should use common sense and best practices to avoid water waste and to practice water conservation and to minimize or discontinue use of water for non-essential purposes.
7. Waste and non-essential water use, as defined under Texas Water Code, Chapter 36, and TGRGCD Chapter 4 Definitions, is prohibited.

STAGE 3: EXTREME DROUGHT

Water Use Restrictions: All requirements of Stage 1 and 2 shall remain in effect during Stage 3 with the following modifications applicable to persons using groundwater from non-exempt wells, other than customers of public water supply systems:

1. Non-exempt well users shall reduce their water usage by 15% of the same calendar month during the previous calendar year. Reduction will be based on reported monthly usage for the prior year's same month provided by the non-exempt well owner.
2. Aesthetic fountains are discouraged, unless an alternative source of water other than groundwater is used.
3. Irrigation with an irrigation system or sprinkler should be limited to the hours between 7a.m. and 11 a.m., or 7 p.m. to 11 p.m. on the designated watering day every other week.
4. Use of a handheld hose, drip irrigation system or 5 gallon bucket on Mondays, Wednesdays, and Fridays between 7a.m. and 11 a.m., or 7 p.m. to 11 p.m. is encouraged.
5. Watering newly planted landscapes permitted only with a variance from the TGRGCD.
6. Waste and non-essential water use, as defined under Texas Water Code, Chapter 36, and TGRGCD Chapter 4 Definitions, is prohibited.

