

Chisholm Trail Special Utility District

July 20, 2011

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The Effects of the 2011 Drought

Chisholm Trail Special Utility District is in a crisis! The District is pumping more water than ever before and the water system is struggling to keep up with the demand. Water well levels are dropping rapidly. These wells provide 40% of the District's water supply and we are in imminent danger of losing these wells.

The District has struggled to keep up with water demands since early May. Stage 2 water restrictions were implemented during the month of June. Because outdoor watering was prohibited on weekends, the District expected low demands to allow system recovery. However, usage steadily increased throughout June and the water system was unable to obtain the expected relief. Tanks could not be refilled timely and pumps were overworked and failing.

This left no choice but to move to the current interim Stage 4 restrictions which prohibit automatic sprinkler systems and hose-end sprinklers. Use of available water for drinking, hygienic purposes and fire protection must be our first priority.

SHORT TERM AND LONG TERM PLANS FOR SYSTEM RELIEF

The District has several projects underway to provide system relief, reduce dependency on well water, and better serve customers:

- **North Lake Georgetown Pump Station:** A new pump station is almost completed at the North Lake Georgetown Water Treatment Plant. The pump station will allow for additional pumping capacity of treated surface water from the lake. The pump station is scheduled to be online in the next 45 to 60 days.
- **North Lake Georgetown Water Treatment Plant Expansion:** Additional water treatment facilities are under construction at the water plant. Current treatment capacity is 4 million gallons per day and the expansion will increase available treated surface water to 9 million gallons per day. The plant expansion is scheduled for completion in May 2012.
- **Pressure Reducing Valve Project:** Many pressure reducing valves (PRVs) will soon be installed throughout the District's distribution system. The project will reduce water line breaks on major water distribution lines in areas prone to breaks due to high pressure. Not only will this reduce water outages, but will also save water lost from breaks.

The District has identified several additional projects that will provide system relief. These projects include additional transmission line upgrades, additional storage tanks, and upgraded pumps at existing pump stations. Future plans also include building a new surface water treatment plant on the south side of Lake Georgetown to deliver up to an additional 12.5 million gallons per day. Environmental studies and permitting through the U.S. Army Corps of Engineers is underway to make this project a reality.

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Effects of Drought (cont.)

As the drought in Texas intensifies, the District is grateful for the partnership with the City of Georgetown. Although the City is facing similar issues with increased demand and reduced well capacity, they are providing an additional 1 MGD of treated water to the District as their system demand allows. The District is grateful for their partnership and willingness to work with us.

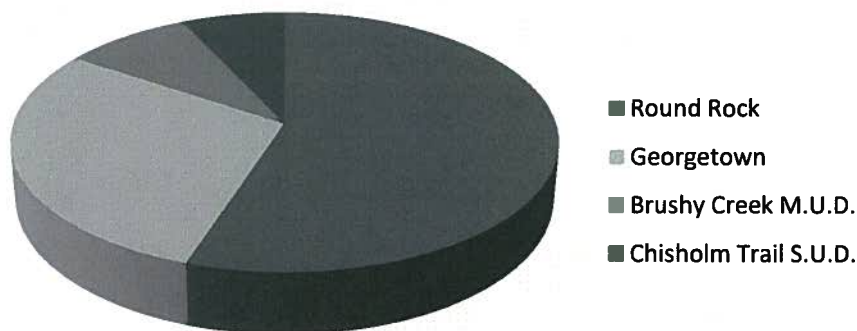
WE NEED YOUR HELP

Through a cooperative effort of watering **ONLY** when it is your scheduled time to water will it be possible to manage the system demand. **If the overall demand can be reduced collectively, the district may be able to lessen outdoor watering restrictions.** We are monitoring daily demand and exploring ways that usage can be spread more evenly throughout the week. The District is asking for your help by discussing the need to conserve water with neighbors and helping to make sure everyone is aware of the dire circumstances brought by severe drought conditions.

WHY IS THE CITY OF GEORGETOWN, SUN CITY AND ROUND ROCK ABLE TO WATER WHEN CHISHOLM TRAIL SUD IS AT STAGE 4 RESTRICTIONS?

There are four utilities that draw water from Lake Georgetown and each has pumping and distribution capabilities that are different. Chisholm Trail Special Utility District's current lake water treatment capability is limited to 4.09 million gallons per day.

Round Rock	32 Million Gallons Per Day
Georgetown	17 Million Gallons Per Day
Brushy Creek M.U.D.	5 Million Gallons Per Day
Chisholm Trail S.U.D.	4.1 Million Gallons Per Day



Brushy Creek M.U.D. depends solely on surface water for their water supply. The City of Round Rock draws about 4.5 million gallons per day of groundwater from the Edwards Aquifer. The City of Georgetown draws over 8 million gallons per day, and Chisholm Trail S.U.D. can typically produce about 2.5 million gallons per day from its wells. The District's wells are shallow compared to those of the City of Georgetown and therefore are susceptible to drought conditions more quickly. Loss of well water is the most impending threat to Chisholm Trail S.U.D. at this time!

All water drawn from Lake Georgetown must be treated before it can be delivered to customers. Today, Chisholm Trail's capacity to treat raw water is 4.09 million gallons per day. In May 2012, the District will be able to treat an additional 5 million gallons per day, giving the district a total of 9 million gallons of treated surface water per day. This increase in water supply will allow the District to furnish more water to customers.

Chisholm Trail Special Utility District is committed to providing safe, quality drinking water to customers. Reduction in outdoor watering will ensure a safe supply is provided to customers throughout the drought. Should you have questions or need additional information, please visit the District website at www.ctsud.org or call the office at (254) 793-3103. Thank you for your cooperation and assistance!

CHISHOLM TRAIL S.U.D. DEMOGRAPHICS

NUMBER OF METERS:	6,350
POPULATION SERVED:	18,500
GEOGRAPHICAL SIZE:	375 SQUARE MILES
WATER SOURCES:	GROUNDWATER FROM THE EDWARDS AQUIFER SURFACE WATER FROM LAKE GEORGETOWN
AVERAGE DAILY WATER DEMAND:	WINTER: 2.5 MGD SUMMER: 4.4 MGD SUMMER 2011: 6.5 MGD
DAILY WELL WATER PRODUCED:	2.5 MGD
LAKE GEORGETOWN TREATMENT:	4.1 MGD
NORTH WTP EXPANSION:	9.9 MGD (<i>OPERATIONAL SUMMER 2012</i>)

Interim Stage 4 Restrictions

Customers are prohibited from using landscape irrigation systems, automatic sprinkler systems, and hose-end sprinklers at all times. **Customers can use manually held hoses only during their designated watering days and times (no more than twice per week).**

EVEN NUMBER ADDRESSES

Monday and Thursday
12:00 a.m. until 8:00 a.m. or 6:00 p.m. until 12:00 a.m.

ODD NUMBER ADDRESSES

Tuesday and Friday
12:00 a.m. until 8:00 a.m. or 6:00 p.m. until 12:00 a.m.

Additionally, the washing of automobiles, trucks, trailers, boats, airplanes, and other types of mobile equipment and the filling of swimming pools and Jacuzzi tubs is prohibited. Charity carwashes are prohibited. Fountains and other ornamental water use devices are also prohibited.