

MONTGOMERY COUNTY UTILITY DISTRICT No 8 OPERATIONAL DATA

MUD 8 and MUD 9 operate an interconnected water supply system to serve customers of both districts. This allows uninterrupted flow of water to our customers during planned or unplanned maintenance. This water system includes two water supply wells in MUD 8 and two water supply wells in MUD 9 with tankage, disinfectant facilities and pumps at all four locations.

During 2007, the two MUD Districts pumped a combined total of 365 Million gallons (458 Million in 2006) of ground water and sold 356 Million gallons of treated potable water to customers (428 Million in 2006). Because we experienced more rainfall during the 2007 summer season (when irrigation demand for water is normally higher) we consider the 2006 usage numbers to be closer to normal.

Our combined 2008 customer base is comprised of approximately 2,758, mostly residential, properties that use potable water for household and irrigation purposes. Looking ahead to the year 2015, our community will consume upwards of 700,000,000 - 800,000,000 gallons per year of potable water unless all of us adopt water conservation measures.

MUD 8 operates a water reclamation plant (WRP) to process recyclable water for both MUD 8 and MUD 9. The WRP plant is located adjacent to the tennis courts along Walden Road near Section 5. Water processed in 2007 was 144 Million gallons and recycled water production is expected to increase to 200 to 250 Million gallons per year by 2015, when the community is expected to be 90 percent built out. 2006 and previous years recycled water production has consistently averaged about 30 % of metered water sales. This suggests our customers have historically used 70 % of metered sales for household needs and irrigation or approximately 330 million gallons in 2006. This is important to remember, because as the cost of water increases in the future, and as government regulations limit our usage of groundwater resources, water conservation, including using recycled water will become a high priority for all of us.

The Texas Commission on Environmental Quality (TCEQ) monitors the quality of our potable water and WRP water. MUD 8 and MUD 9 consistently meet or exceed all published standards for water.

Potable water is delivered by pumps with pressure and flows controlled by a computer monitoring system. The recycled water system is partly gravity flow and partly pumped from "lift stations" located throughout MUD 8 and MUD 9. Both Districts have worked and continue to work diligently to maintain, rebuild and expand these almost 40 year old systems. MUD 9 has just installed a new groundwater well near the fire station. Both districts are working diligently to identify sources of loss from ground water pumped versus metered sales, including installation of new meters.

A few years ago, MUD 8 and MUD 9 began purchasing and installing emergency power systems for all operating facilities to ensure that we will be able to maintain full operations in the event of a power outage. As of June, 2008, all operating ground water wells, WRP and almost all lift stations have permanently installed backup power fueled by diesel, propane or natural gas. There is a mobile, trailer mounted emergency generator which can be transported to individual lift stations during a storm or other emergency.

In addition, both Districts have an Emergency Operating Plan and a Drought Contingency Plan. Details on these plans may be obtained by clicking on the link provided on MUD 8 home page at: <http://www.montgomerycountymud8.com>

Data and information included herein has been assembled to the best of MUD 8 ability and is believed to be correct. MUD 8 and Staff assume no responsibility or liability for the use of this information by party or parties outside of the direct supervision of MUD 8 and Staff.