

**MAURICEVILLE MUNICIPAL UTILITY DISTRICT**  
**LONG-TERM WATER CONSERVATION PLAN**

Description of the District –

On July 1, 1995, Mauriceville Special Utility District began operating the water system which was previously operated by the Mauriceville Water Supply Corporation. The District acquired title to the assets from Mauriceville Water Supply Corporation on April 11, 1996, at the time of the issuance of Utility System Revenue Bonds. The Mauriceville Water Supply Corporation ceased operations upon the transfer of assets to the Mauriceville Special Utility District.

The Mauriceville Special Utility District was organized pursuant to the provisions of Section 59 of Article XVI of the Constitution of Texas by order of the Texas Natural Resource Conservation Commission on Docket No. 94-0492-DIS and operates under Chapter 65 of the Texas Water Code, as amended. On July 25, 2007, the Texas Commission on Environmental Quality (TCEQ) approved the application for conversion of Mauriceville Special Utility District to a municipal utility district operating under Texas Water Code Chapter 54.

The District provides service to the unincorporated area of Mauriceville, Texas, and the incorporated areas of Orange and Vidor, Texas, which includes customers residing in Orange, Jasper and Newton counties. The District is governed by a Board of Directors consisting of five individuals who are residents or owners of property within the District and are elected by voters within the District

Goal –

The District will strive to obtain significant conservation savings without burdening its customers with extra cost while still generating enough water savings to extend the life of the existing supply. It is the goal of the District to achieve a .5% reduction in gallons per capita per day per year.

**Table 1-1. Initial Performance Indicator Goals**

<b>Description</b>	<b>Units</b>	<b>2019</b>	<b>2024</b>	<b>2029</b>
Total Water Use	GPCD	50	49	48
Residential Water Use	GPCD	49	48	47
Water Loss	GPCD	21	15	10
Water Loss	Percentage	42	30	20

Descriptions of District’s Facilities –

**Sewer System:**

As of May 2000, the District operates a 950,000 MGD Wastewater Treatment Plant. The District owns and operates sewer collection lines and lift stations. The sewer system has generators for emergency backup.

Water System –

The water system currently consists of the following water wells:

<u>Name</u>	<u>Capacity</u>
Bilbo Road Well	840 GPM
CR 3139 Well	390 GPM
FM 1130 Well	650 GPM
FM 1136 Well	540 GPM
FM 2802 Well	325 GPM

The water system has three 150,000-gallon elevated storage facilities and five ground storage facilities with a combine capacity of 1,010,000 gallons.

The District maintains master meters to measure and account for the amount of water diverted from the source of supply.

The District has water distribution lines with meters and account for the amount of water diverted from the source of supply.

The District has water distributions lines with meters to measure customer usage. 95% of the District's meters are electronic meters and the readings are done by District employees.

The District's current water and sewer rate structure is shown below in Table 1-2.

**Table 1-2. Water and Sewer Rate Structure**

<b>Residential and Commercial Water Rates</b>		<b>Base Rate Water</b>	
0-7,999 Gallons	\$4.89 per 1,000 gallons	\$	26.12
8,000 and above	\$5.18 per 1,000 gallons	\$	39.12

  

<b>Residential and Commercial Sewer Rates</b>		<b>Base Rate Sewer</b>	
0-7,999 Gallons	\$4.25 per 1,000 gallons	\$	29.35
8,000 and above	\$4.50 per 1,000 gallons	\$	34.00

Water Use Characteristics and Water Conservation Possibilities –

The District is in an area of the State, that receives ample rainfall, which results in little lawn or garden watering. Although this area has ample rainfall, the District has made water conservation a constant goal.

Water Conservation efforts have been significantly improved by the District's methods of operations along with increasing public awareness and expanding public education regarding water conservation.

District Initiatives:

1. Reduce need for water line flushing by stopping all flushing of dead-end lines as soon as the residual is sufficient.

2. The districts rate structure encourages water conservation.
3. Leak detection and repair: The District continues to encourage employees and customers to report all leaks and adheres to its policy of repairing all leaks as soon as possible. The District is actively pursuing avenues to implement rehabilitation projects for the repair of water lines throughout the system which will result in the lowest level of leakage.
4. The District monitors and provides water meters for both commercial and residential water connections. The District monitors other water use such as line flushing, firefighting, fire training, and other activities related to District operations that utilize water for non-public consumption. Suspect water meters are then tested and repair or replaced as needed.
5. The District measures monthly and annually the total amount of water pumped, and the total amount of water sold to determine total water loss. This information is provided to the Board of Directors at the monthly Board meetings. The District staff will perform monthly audits of customer accounts and the staff reviews the monthly usage reports and flags customers with either high water use or zero consumption. Meters of respective customers will be evaluated for accuracy and repaired or replaced as needed. In addition, the District maintains the leak detection and repair program with the policy of repairing discovered leaks as soon as possible.

#### Implementation and Effectiveness of the Plan –

1. The District tracks the total amount of water pumped for water supply wells and the total amount of water sold per month. The total amount of water pumped is compared to the total amount of water sold to determine water loss. Best Management Practices such as public education and the Leak Detection and Repair Program implemented to reduce the consumption of water, improve and/or maintain efficiency of water use and minimize/mitigate water loss. The District will continue to measure progress and evaluate the effectiveness of existing conservation measures by monthly and annually tracking the total amount of water determining the need to change existing conservation measures and/or incorporate new best management practices (BMPs). The District will continue to implement the plan, track progress annually and evaluate progress towards meeting District targets and goals every five years.

#### Public Education and Information –

1. It is the intent of the District to continue educating the public by distributing educational materials to its customers and by posting information on the District's website. Also, by publishing informative water conservation information in the local newspaper. The staff of the District will coordinate with the staff of the Texas Water Development Board in preparing such informative articles to be published. Also, the staff will utilize educational materials as provided by the Texas Water Development Board for distribution to its customers.

#### Annual Reporting –

1. The District will comply with the rules and regulations of the Texas Water Development Board concerning the evaluation and reporting of the effectiveness of the Water Conservation Plan.

**Certification of Resolutions Adopted at Meeting of Board of Directors  
Of Mauriceville Municipal Utility District**

I, Tim McCarver, President of the Board of Directors of Mauriceville Municipal Utility District, certify that the following resolution was adopted by unanimous vote of the Board of Directors of the district at a meeting held on June 18, 2019, at which all directors were present, namely: Jay Scheiderer, Tim McCarver, Russell Love, Michael West and Ted Williams.

The resolutions adopted are as follows:

**Resolution One:**

That the Mauriceville Municipal Utility District Long-Term Water Conservation Plan for 2019, a requirement of the Texas Commission on Environmental Quality, was presented to the Board of Directors of the District. The Board of Directors has adopted the plan as administrative rules.

**Resolution Two:**

That Tim McCarver, President of the Board of Directors of the District, shall certify the adoption of these resolutions, and the District shall notify all necessary persons and organizations of these resolutions.

To certify which I sign my name in my capacity as President of the District on this 18th day of June 2019.



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Tim McCarver, President of the Board of Directors  
Of Mauriceville Municipal Utility District