



FOR IMMEDIATE RELEASE

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City Celebrates Water Treatment Plant Ribbon Cutting

Granbury, Texas – The City of Granbury, in partnership with the [Granbury Chamber of Commerce](#), held a ribbon cutting for the City of Granbury Water Treatment Plant on Tuesday, March 19, 2019.

The ribbon cutting is a celebration of achievement, as well as a thank you to the elected officials, City staff, and community members who worked hard to make the project a reality. Special recognition was given to the project's engineers and contractors and the Texas Water Development Board for their work.

The plant can produce up to 2.5 MGD (million gallons of water per day). This meets Granbury's current daily water requirements (approximately 1.5-2 MGD). On peak demand days (3-3.5 MGD), water supply from the City's 34 groundwater wells will supplement demand.

How the Plant Operates

The floating raw water pumps send water from Lake Granbury into the system, where the treatment process begins. The water travels through a pre-treatment phase in which chemicals and plate settlers assist with the removal of solids and pathogens.

After the chemical pre-treatment, the water travels to the microfiltration system, which removes anything that could be seen with the naked eye from the water. To do this, water is pushed through holes in tiny, straw-like filters, where dirt and other solids attach to the walls of the filter.

The result is called filtrate. It is clean, safe to drink, and meets all state regulations. However, this plant takes the water another step. The filtrate is then pumped through a semi-permeable membrane, known as a reverse osmosis filter. This process removes inorganic solids, such as salts.

Following reverse osmosis, the water is combined with a percentage of filtrate, and moved into holding tanks. From there, the water is pumped into the City distribution system for consumption.

[Learn more about the Water Treatment Plant by visiting the City of Granbury's website.](#)

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