

Understanding Water Use and Infrastructure

Last Updated: August 4, 2026

Purpose of This Document

Water is one of the topics residents have asked about most frequently regarding the proposed data center near Trent.

This document provides general educational information about water use and infrastructure associated with data centers. Unless specifically identified as verified information by the City, the information below should **not** be interpreted as describing the proposed project near Trent.

What Does the City Know Today?

At this time, the City has **not** received verified engineering information describing the proposed project's long-term water requirements.

Because that information has not been provided, the City cannot accurately estimate the amount of water the proposed project may require if it moves forward.

As verified information becomes available, the City will update the Community Information section of the City's website.

Do All Data Centers Use the Same Amount of Water?

No.

Water use varies significantly from one data center to another.

Factors that may affect water use include:

- The size of the facility
- The type of cooling system used
- Local climate
- Equipment design
- Operating requirements

Some data centers are designed to use more water, while others are designed to reduce water consumption through different cooling technologies.

For that reason, water use should not be assumed based on another data center or another community.

Construction Water

If the proposed project moves forward, water may be needed during the construction phase for activities such as:

- Dust control
- Soil preparation
- Concrete work
- General construction activities

At this time, the City has not received verified information regarding the amount of construction water that may be requested.

The City's most recent experience with a large construction project requiring temporary water service was during construction of the Texas Department of Transportation (TXDOT) Interstate 20 rest area west of Trent.

During that project, the City provided a temporary water connection for construction activities while continuing to provide reliable water service to its existing customers. Based on the City's experience, no significant reduction in water pressure or widespread customer complaints were reported.

While every construction project is different, this local experience demonstrates how the City's water system successfully supported a recent large construction project while continuing to provide reliable water service to existing customers.

It should **not** be interpreted as an estimate or prediction of the construction water requirements for the proposed data center, which will depend on the project's final engineering design and construction plan.

Operational Water

Construction water use and long-term operational water use are two different matters.

The amount of water required after construction depends on the final design of the facility, including its cooling technology, equipment, and operating requirements.

Representatives associated with the proposed project have indicated that recycled water may be used as part of the facility's cooling system after construction. However, because the project's engineering design has not been finalized or independently verified by the City, the City cannot confirm the facility's long-term operational water requirements at this time.

As additional verified information becomes available, the City will update the Community Information section of its website.

Has the City Discussed Water Service?

Yes.

Representatives associated with the proposed project have met with City representatives to discuss the possibility of obtaining water service.

As part of those preliminary discussions, the City provided general information regarding the possible extension of a water line and a preliminary cost estimate based on the information available at that time.

These discussions were preliminary in nature and do not represent an approved agreement.

If a formal request is submitted in the future, it will be considered by the City Council through its normal review process.

The City's Commitment

Providing safe, reliable, and dependable water service to the citizens and customers of Trent remains one of the Mayor and City Council's highest priorities.

The Mayor and City Council recognize that water is one of the community's most valuable resources. Protecting the City's water system and maintaining reliable service for existing customers will remain a primary consideration in evaluating any future request for water service.

Any future request will be evaluated using verified engineering information, available system capacity, applicable laws, contractual requirements, and the long-term needs of the City's existing customers.

The City is committed to providing factual information based on verified engineering data, official records, and other reliable sources.

Sources and Additional Information

The following resources provide additional educational information regarding water systems and data centers.

- **Texas Water Development Board (TWDB)** – Water Planning and Resources

- **Texas Commission on Environmental Quality (TCEQ)** – Public Water Systems
 - **Texas Tribune** – *Hundreds of Data Centers Are Coming to Texas: Here's What You Need to Know*
 - **Texas Tribune** – *An Unprecedented Data Center Boom Means New Challenges for Texas*
-

City of Trent

101 N. Main Street
Trent, Texas 79561

Phone: (325) 862-6281