



# Water Supply and Infrastructure Planning for Northeast El Paso

July 6, 2026



## Today's briefing items

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1. Water Planning Safeguards Our Future
2. Master Plans for Northeast El Paso
3. Projected Water Use for the Meta Site



# Water Planning Safeguards Our Future

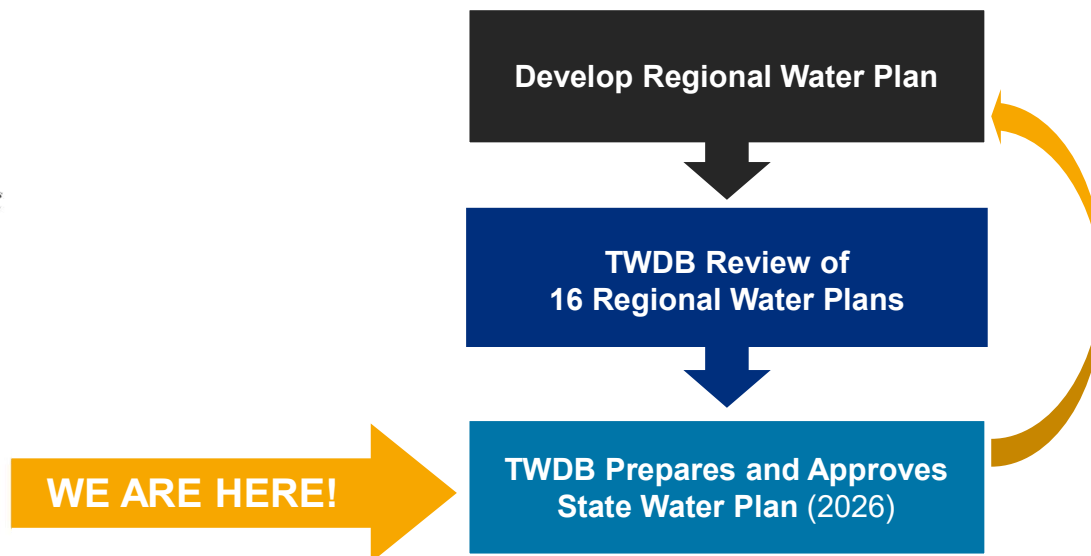
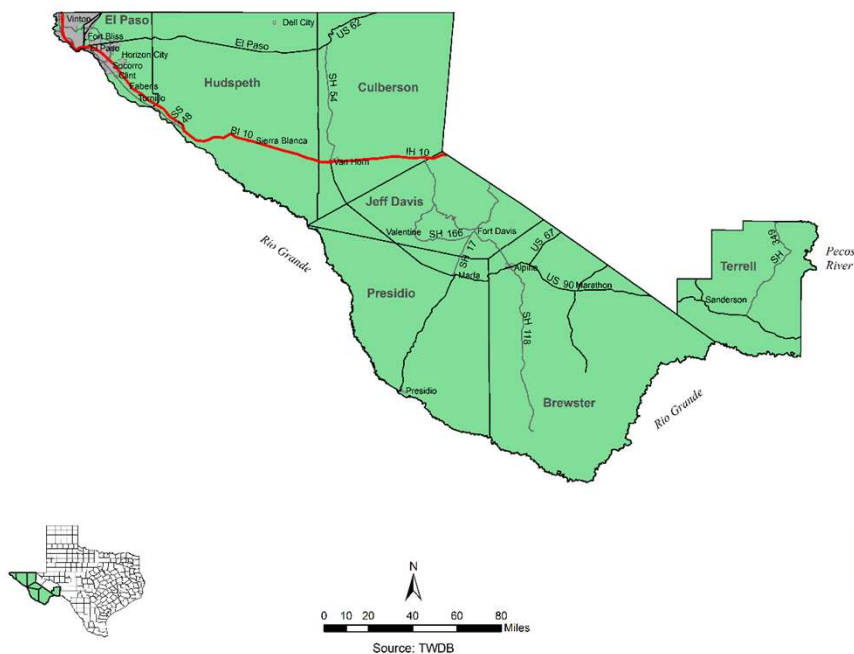
# TWDB Approved Regional Water Plans

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- On January 22, the Texas Water Development Board approved the 2026 Regional Water Plans A through P. These 16 plans make up the Texas State Water Plan.
- This is the 6<sup>th</sup> cycle for statewide regional water planning.
- Each five-year planning cycle projects demands and supply for the next 50 years.
- Projects identified in the plan become eligible for grants and/or low interest loans.
- Planning begins during the next year for the 2031 regional water plans.

# Steps to Regional Water Planning

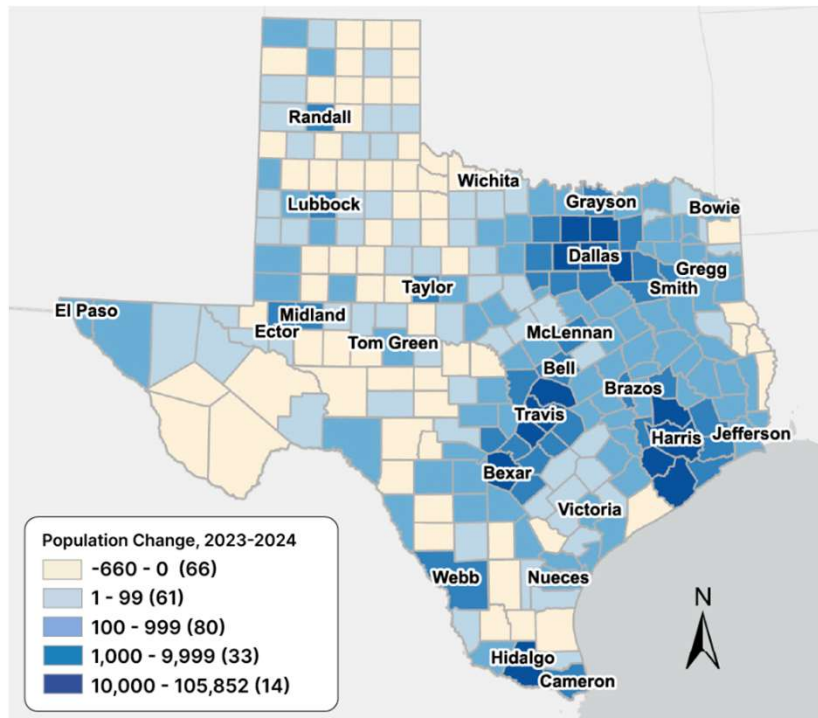


# Regional Water Planning – Looking out 50 years

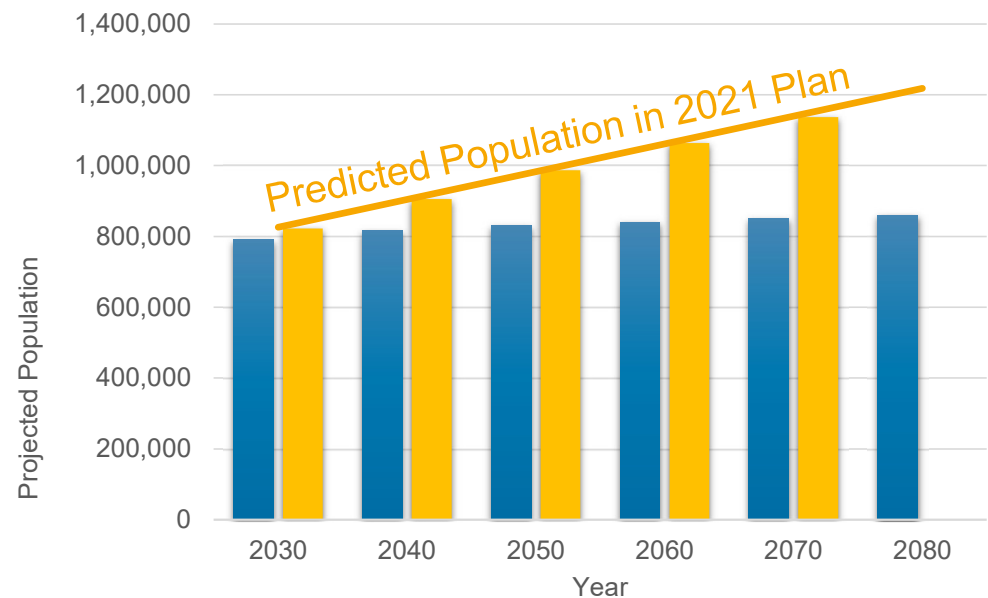


- Water Demand Projections
  - How much water do we need?
- Water Availability Analysis
  - How much water do we have?
- Water Management Strategies
  - How will we meet our future water needs?

# Some Texas counties are seeing explosive growth; El Paso is seeing gradual growth

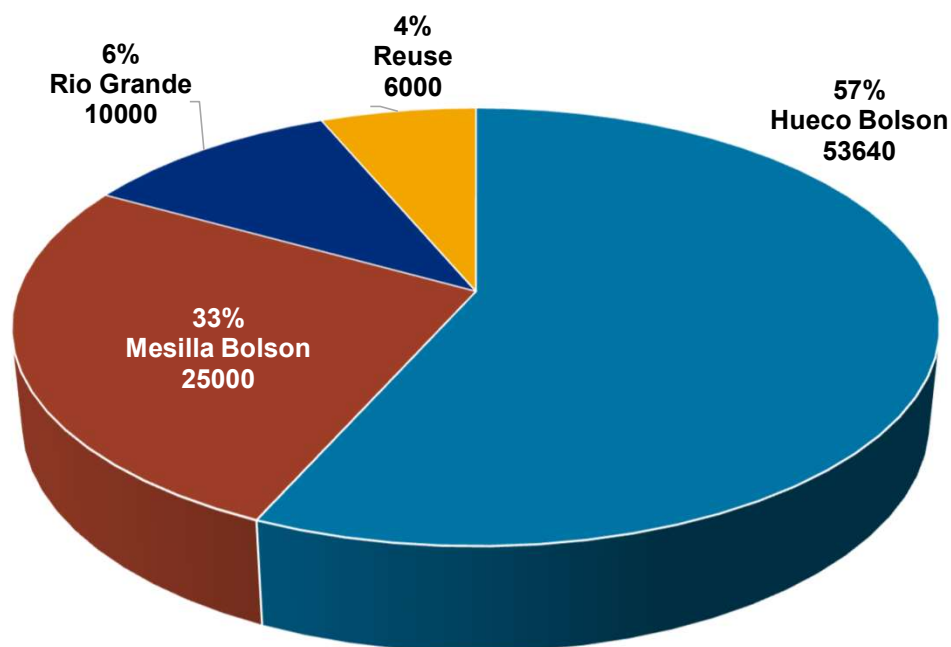


Source: U.S. Census Bureau, Vintage 2024 Population Estimates.  
Created by the Texas Demographic Center



Growth is projected to be much more gradual in El Paso than was predicted in the 2021 Plan.

## Current Existing Water Supplies (Acre Feet/Year)



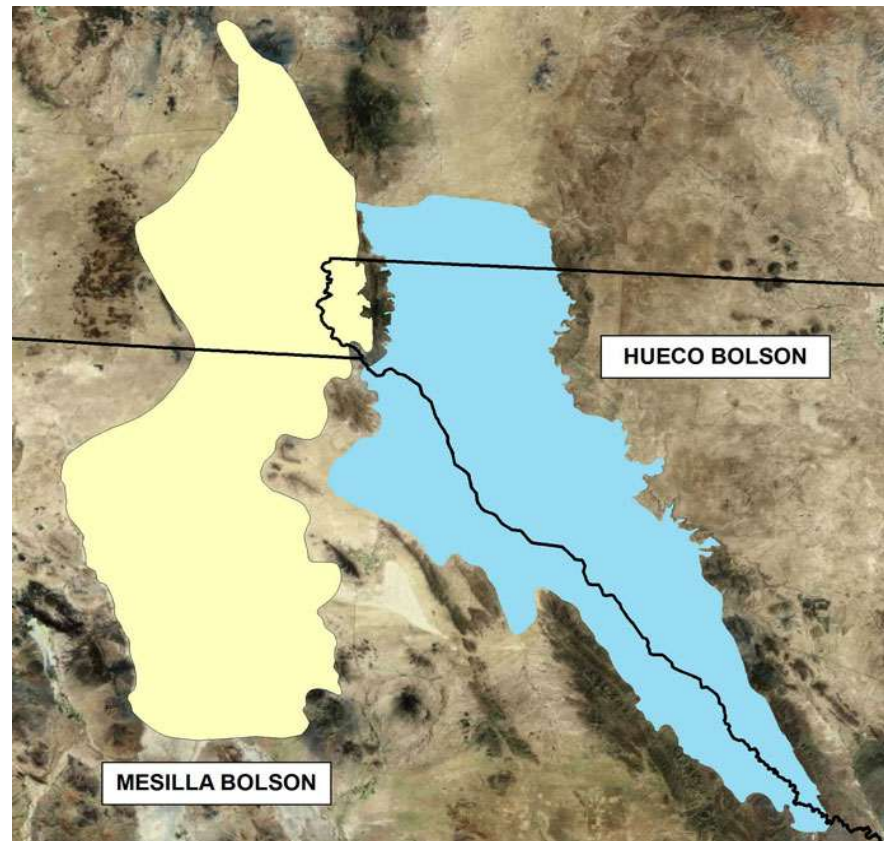
- Hueco Bolson - 53,640
- Mesilla Bolson - 25,000
- Rio Grande - 10,000
- Reuse - 6,000
- Total - 94,640

■ Hueco Bolson ■ Mesilla Bolson ■ Rio Grande ■ Reuse



# Our Aquifers

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# Rio Grande

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# Identified Water Supply Needs – El Paso

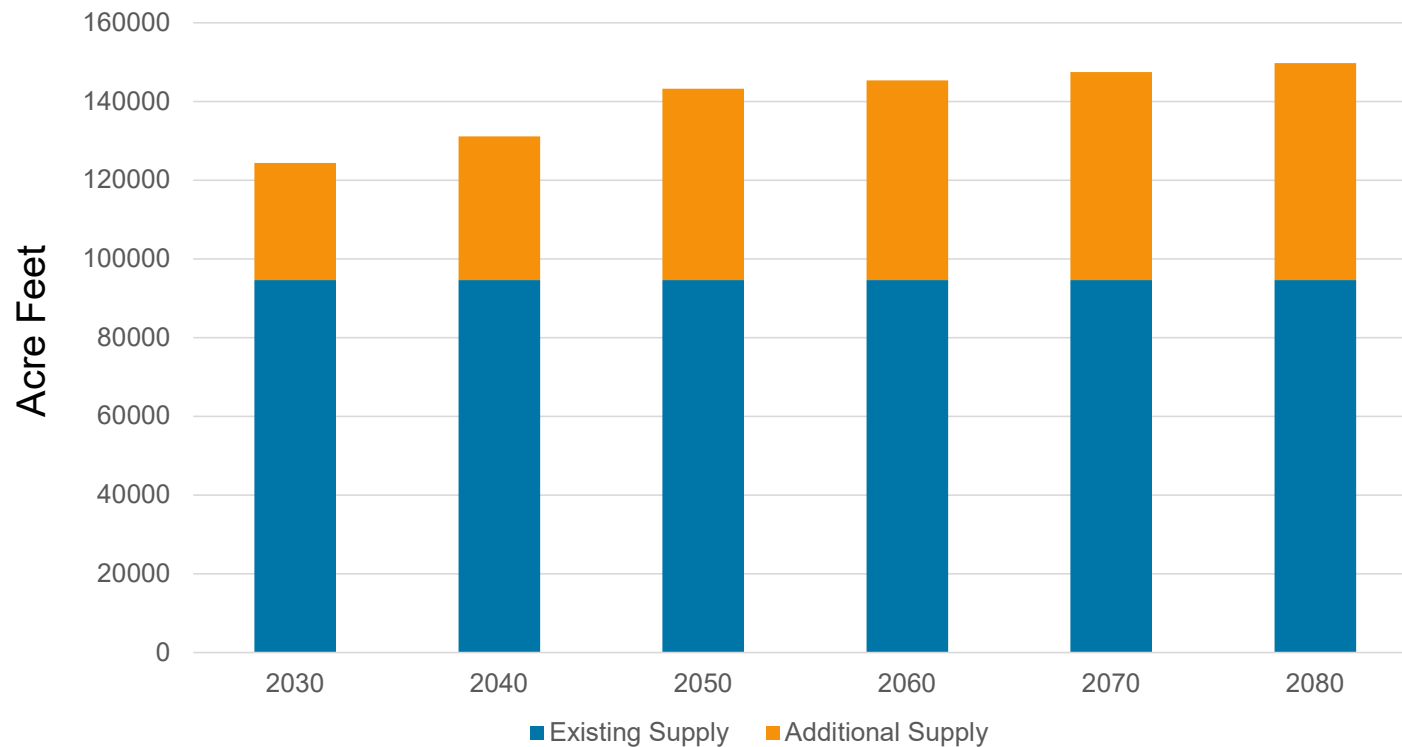
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## Cumulative

|                      | 2030                         | 2040                         | 2050                       | 2060                         | 2070                         | 2080                       |
|----------------------|------------------------------|------------------------------|----------------------------|------------------------------|------------------------------|----------------------------|
| El Paso<br>Municipal | 22,886 AFY<br>or<br>20.4 MGD | 27,466 AFY<br>or<br>24.5 MGD | 30,339 AFY<br>or<br>27 MGD | 32,162 AFY<br>or<br>28.7 MGD | 34,011 AFY<br>or<br>30.3 MGD | 35,887 AFY<br>or<br>32 MGD |

# Recommended Water Management Strategies to Meet EPWater Projected Demands

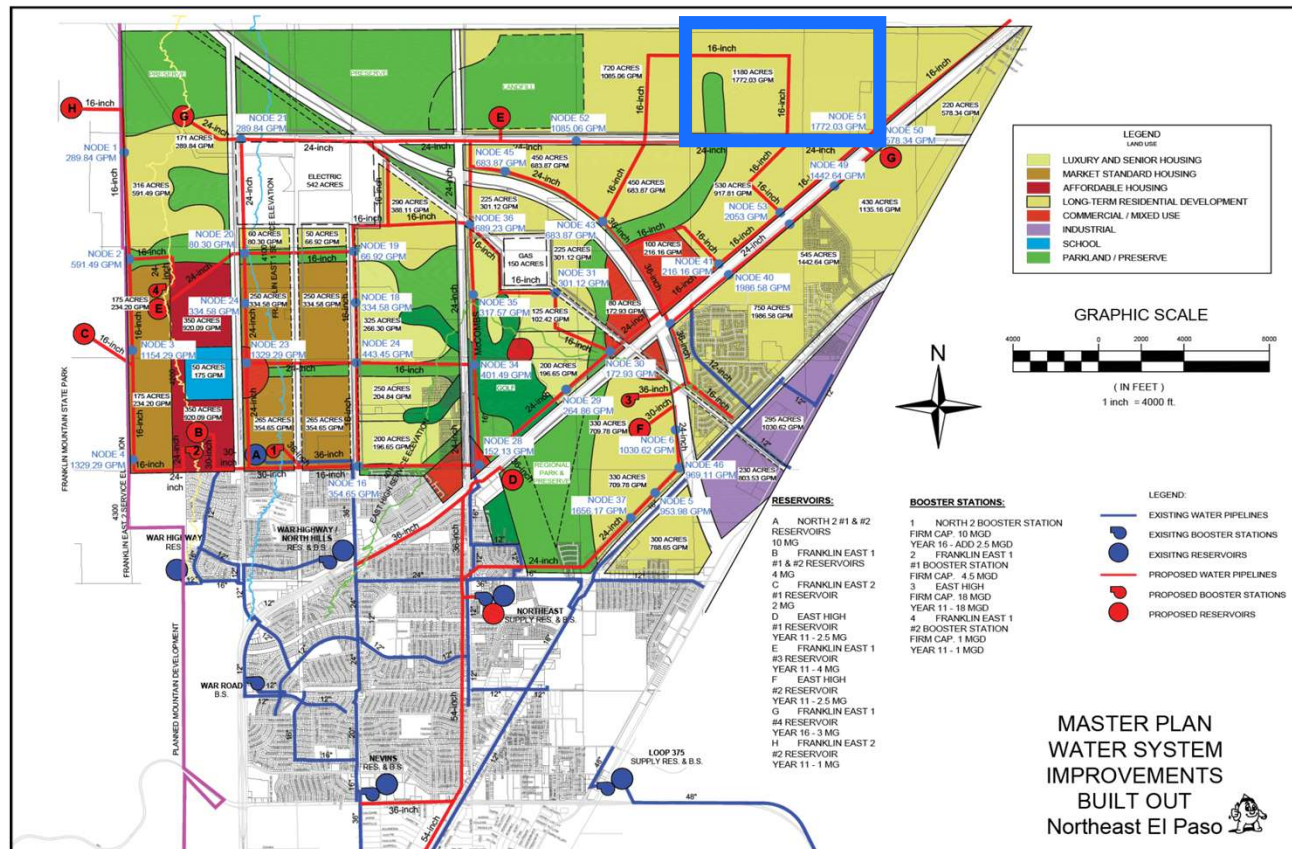
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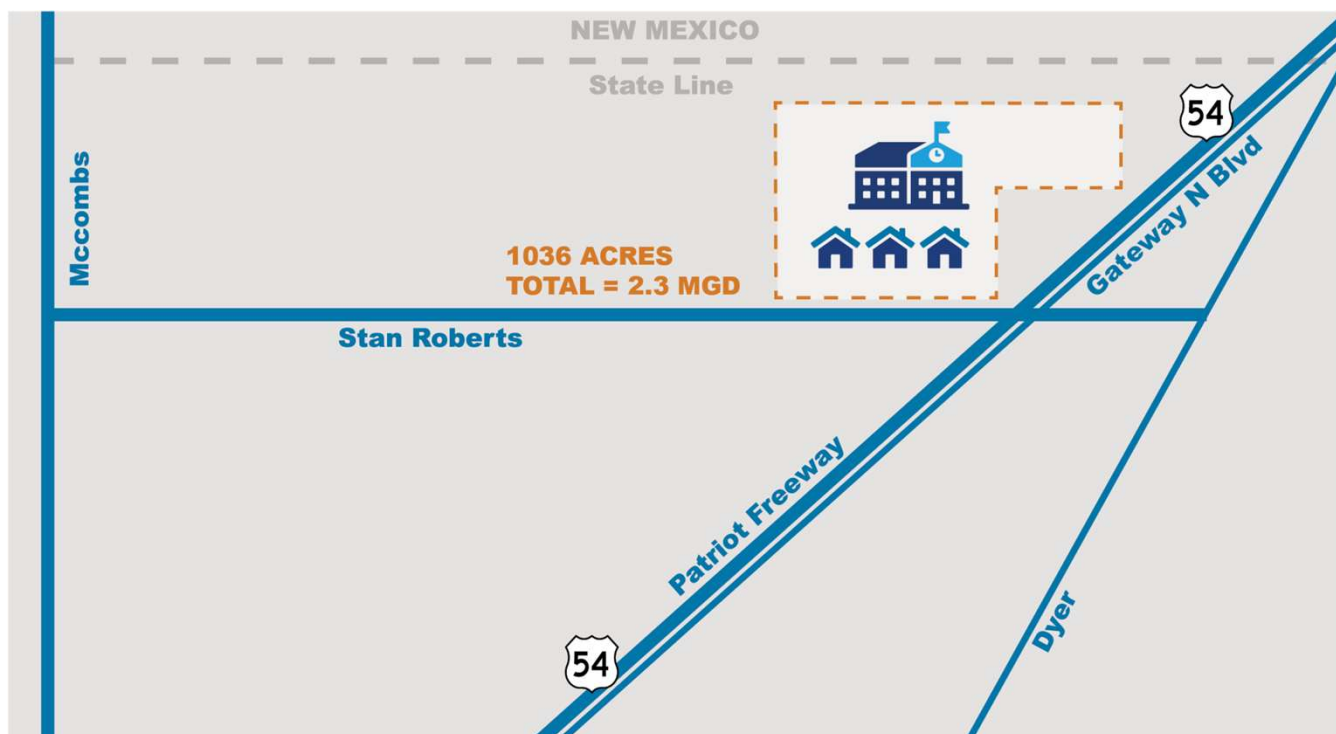


# Master Plans for Northeast El Paso

# 2006 Master Plan



## 2006 – Low Density Residential



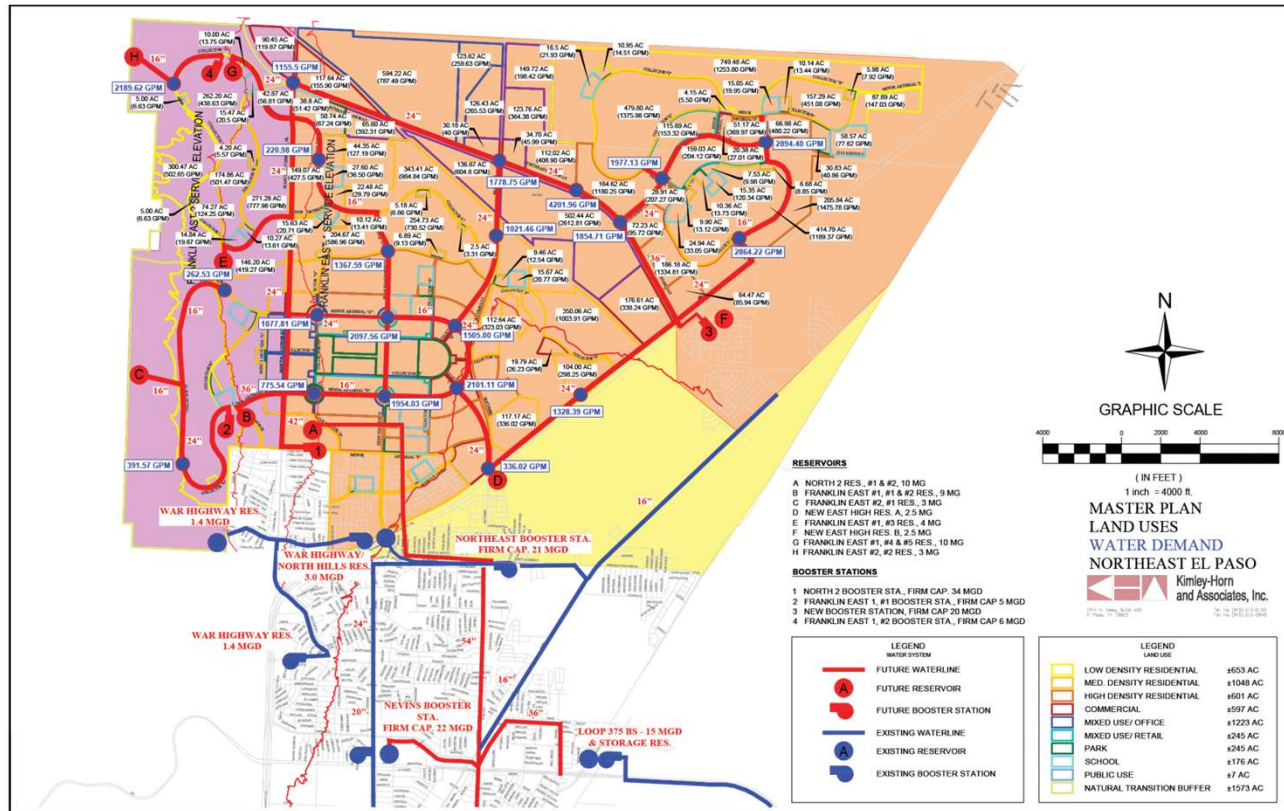
2006 Master Plan envisioned development with:

- Low-density residential
- a school

Area was planned to use **2.3 MGD**

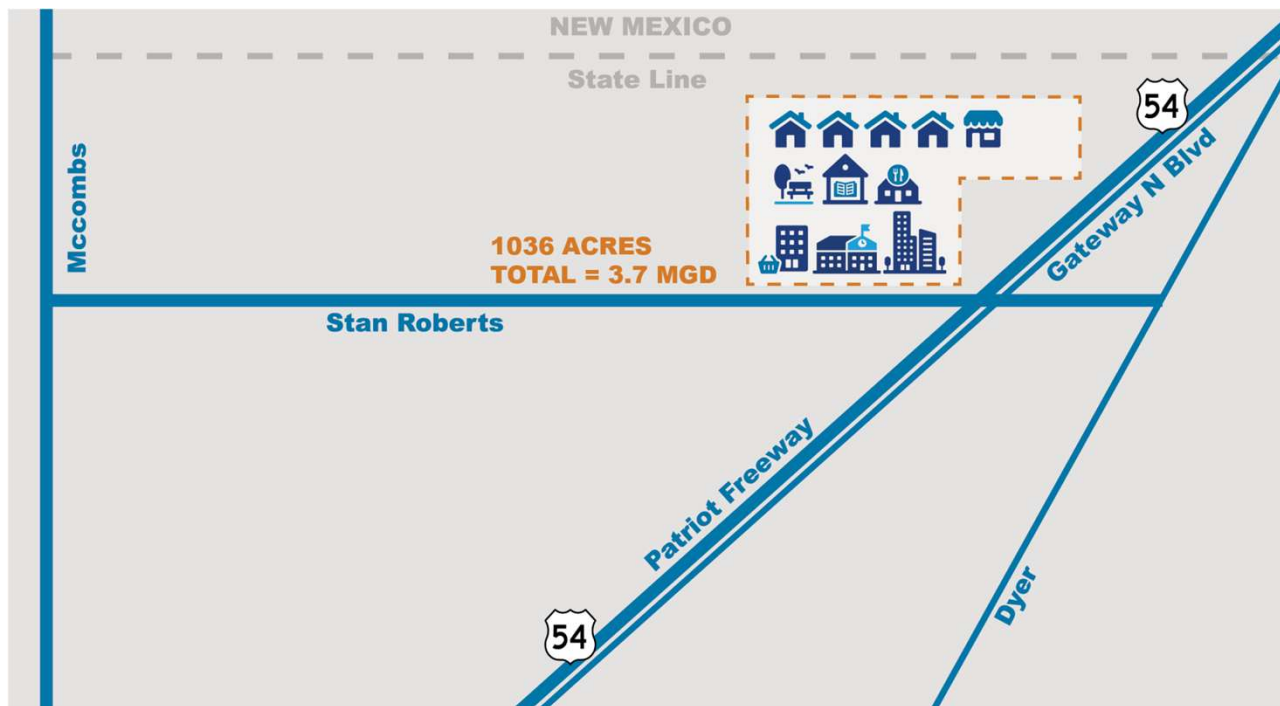


# 2009 Master Plan





## 2009 – High Density Residential and Commercial



2009 Master Plan changed to accommodate mixed-use development:

- Low- to high-density residential
- Commercial development
- A school

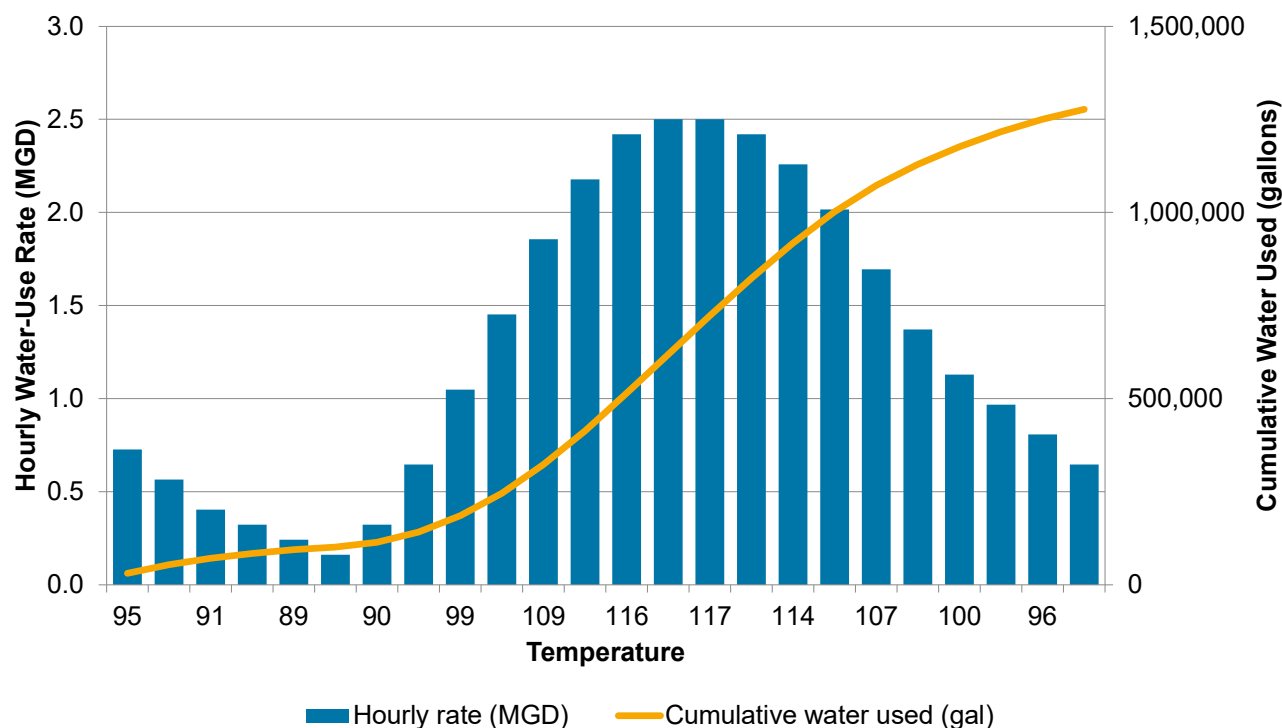
Area was planned to use **3.7 MGD**



# Projected Water Use for the Meta Site

# Projected Water Use By The Numbers

## 24-Hour Scenario: Water-Use Rate vs. Cumulative Use

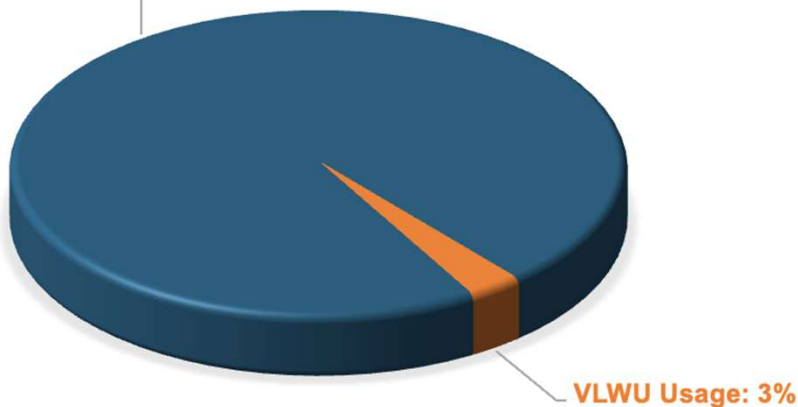


- Annual daily average use estimated at **480,000 GPD**
- Agreement sets a maximum water allocation of **2.5 MGD**
  - *Does not mean Meta will use 2.5 MGD every day*
- Meta likely will only use a rate of 2.5 MGD during periods of temperatures above 117 F

## Meta use is less than 1% of total water usage

### NO META

Total Water Usage

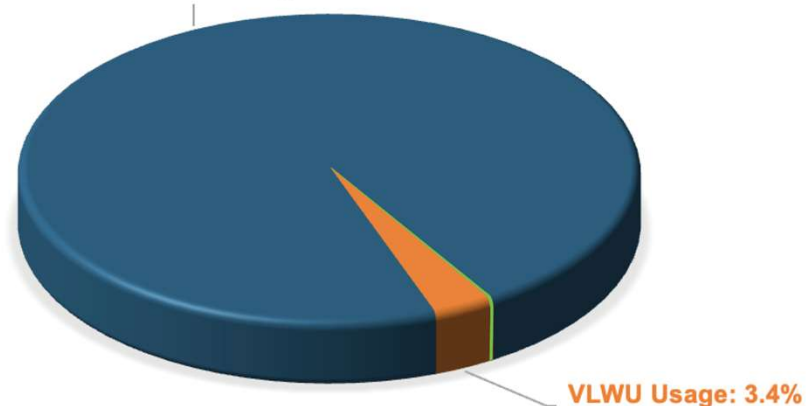


Total Water Usage  
34,523,881 (1,000s)

Very Large Water  
Users Usage  
1,022,892 (1,000s)

### WITH META

Total Water Usage



Total Water Usage  
34,669,881 (1,000s)

Very Large Water  
Users Usage  
1,168,892 (1,000s)



Thank You