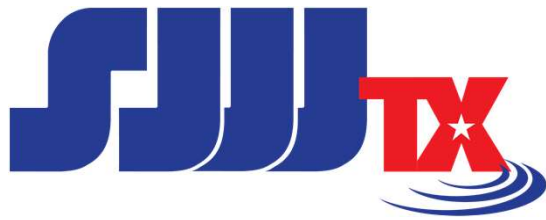


Water Supply & Conservation

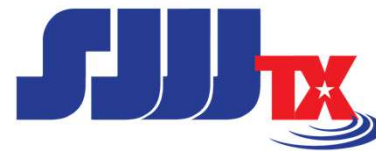


September 19, 2022

Our Company

Lets' talk about water supply, demand, and conservation

- Water and Wastewater Operations since 2006
- Operations in Seven Counties in Central Texas
- 25,000 customers – and growing
- 90 employees - living and working in the region

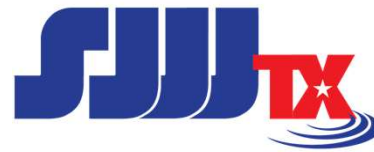


Growth & Development

- SJWTX cannot stop growth and development
- Obligated to provide safe, high-quality drinking water
- For the Health & Safety of the communities we serve

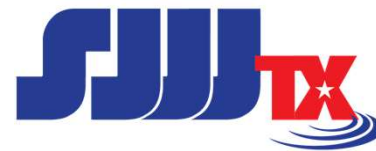
- So...do we have enough water for continued development?
- And if so, why do we have watering restrictions?

- Water Availability Report – submitted to the county every 3 years



Fun Fact: Gallons vs Acre Feet

- 1 Acre Foot = 325,851 gallons
 - Amount of water one foot high in the area of an acre
- Canyon Lake
 - 382,000 acre-feet
 - Almost 107 billion gallons
 - About 25% is allocated to users operating on the lake or downstream
 - GBRA manages the water & US Army COE manages the dam

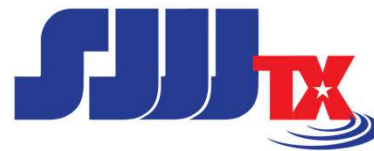


Water Supply

- Groundwater (Trinity Aquifer): 12,425 acre-feet
- Surface Water / Raw (Canyon Lake): 6,130 acre-feet
- Surface Water / Purchased (GBRA): 722 acre-feet

TOTAL: 19,277 acre-feet (~6.3 billion gallons)

We are always actively looking for new opportunities to augment our water supply.

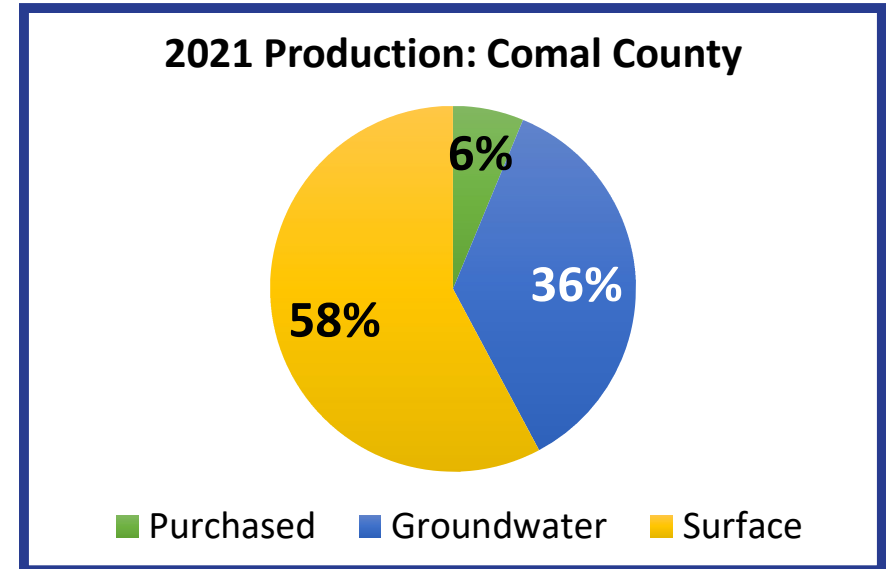


Water Production

Production (in Acre Feet)				
	2018	2019	2020	2021
Purchased	85	105	187	482
Groundwater	2,275	2,411	2,528	2,766
Surface	3,091	3,353	4,328	4,445
Total	5,451	5,869	7,043	7,693*

*7,693 acre feet = 2,506,771,743 gallons

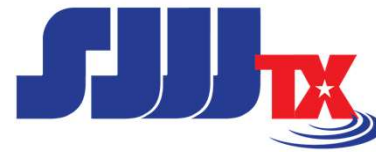
30% increase in production between 2018 to 2021



Population Growth

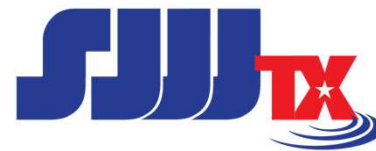
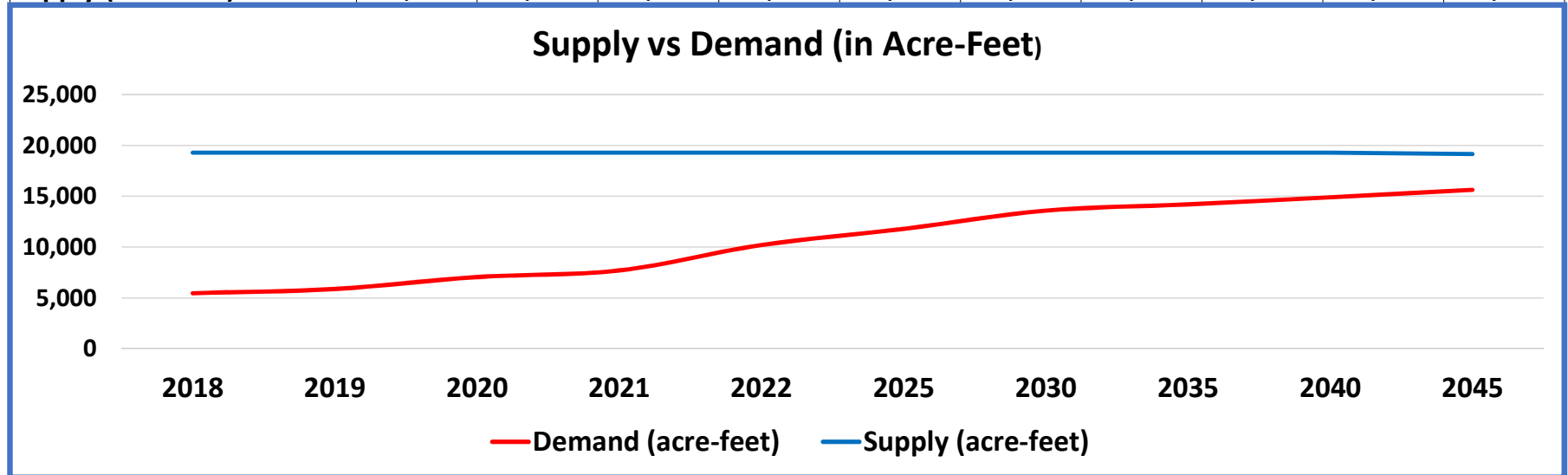
Projected Population Growth							
Year	2022	2025	2030	2035	2040	2045	2050
Service Area Populations	68,370	85,659	101,216	108,798	114,516	120,531	126,853
Annual Growth Rate		7.8%	3.4%	1.5%	1.0%	1.0%	1.0%

Average Usage Per Day Per Person = ~85 gallons



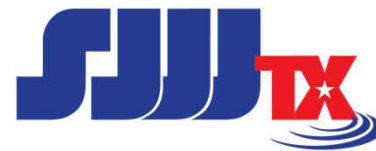
Water Demand & Supply

Year	2018	2019	2020	2021	2022	2025	2030	2035	2040	2045
Demand (acre-feet)	5,451	5,869	7,043	7,693	10,190	11,783	13,583	14,192	14,889	15,621
Supply (acre-feet)	19,277	19,277	19,277	19,277	19,277	19,277	19,277	19,277	19,277	19,147



Water Conservation

- We live in a Semi-Arid Desert
- Conserved Water is the cheapest water and reduces the need for exponentially higher-cost water
- Drought Management Plan – required by the State of Texas
- Regional Approach – conditions may be different, but everyone in the region is dealing with the same issue



But What Can You Do?

- Know and follow the current stage watering schedule
- Check for Leaks in your home and outdoor system
- Check Irrigation Programming *regularly & after power outages*
- Report violations – we can enforce rules
- Install sustainable drought tolerant landscaping and xeriscaping
- Install rainwater catchment systems
- Install rain gardens or pocket prairies
- Work with HOAs to find options or amend rules to reasonably adopt water sustainability opportunities (e.g., VO suspended rules)



Fun Fact (August 2022)

Vintage Oaks

- 2,044 connections
- 35.5 million gallons total usage
- 17.3k gallons per connection

Meyer Ranch

- 482 connections
- 6.73 million gallons total usage
- 14.0k gallons per connection

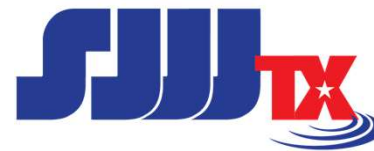
- *42.2 million gallons were consumed in Vintage Oaks and Meyer Ranch*
- *180 gallons per day per capita*

SJWTX

- 24,555 connections
- 318 million gallons total usage
- 13k gallons per connection
- 13.3% of usage from VO/Meyer

Indoor vs. Outdoor

- 4.2k gallons avg indoor usage
- 67% of usage is outdoor



Questions

- Customer Survey
- Dedicated & Certified Professionals available to assist you
- Questions

