

# BOARD OF DIRECTORS MEETING

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June 21, 2022



## PLEDGE OF ALLEGIANCE

I pledge allegiance to the flag of the United States of America, and to the republic for which it stands, one nation under God, indivisible, with liberty and justice for all.



## PLEDGE OF ALLEGIANCE TO THE TEXAS FLAG

Honor the Texas flag; I pledge allegiance to thee, Texas, one state under God, one and indivisible.



# 2

## Public Comment



# 3

Consider Approval of the Minutes from the Meeting Held on May 17, 2022





# 4

Consider Approval of Resolution Authorizing the Issuance, Sale, and Delivery of Tarrant Regional Water District, a Water Control and Improvement District, Water Revenue Bonds, Series 2022, Pledging Revenues for the Payment of the Bonds, Approving an Official Statement, and Authorizing Other Instruments and Procedures Relating Thereto

*Sandy Newby, Chief Financial Officer*

# BOND STRATEGY

## Current Cashflow

- Continue to spend down current funds, including IPL funds as Phase 2 closes out

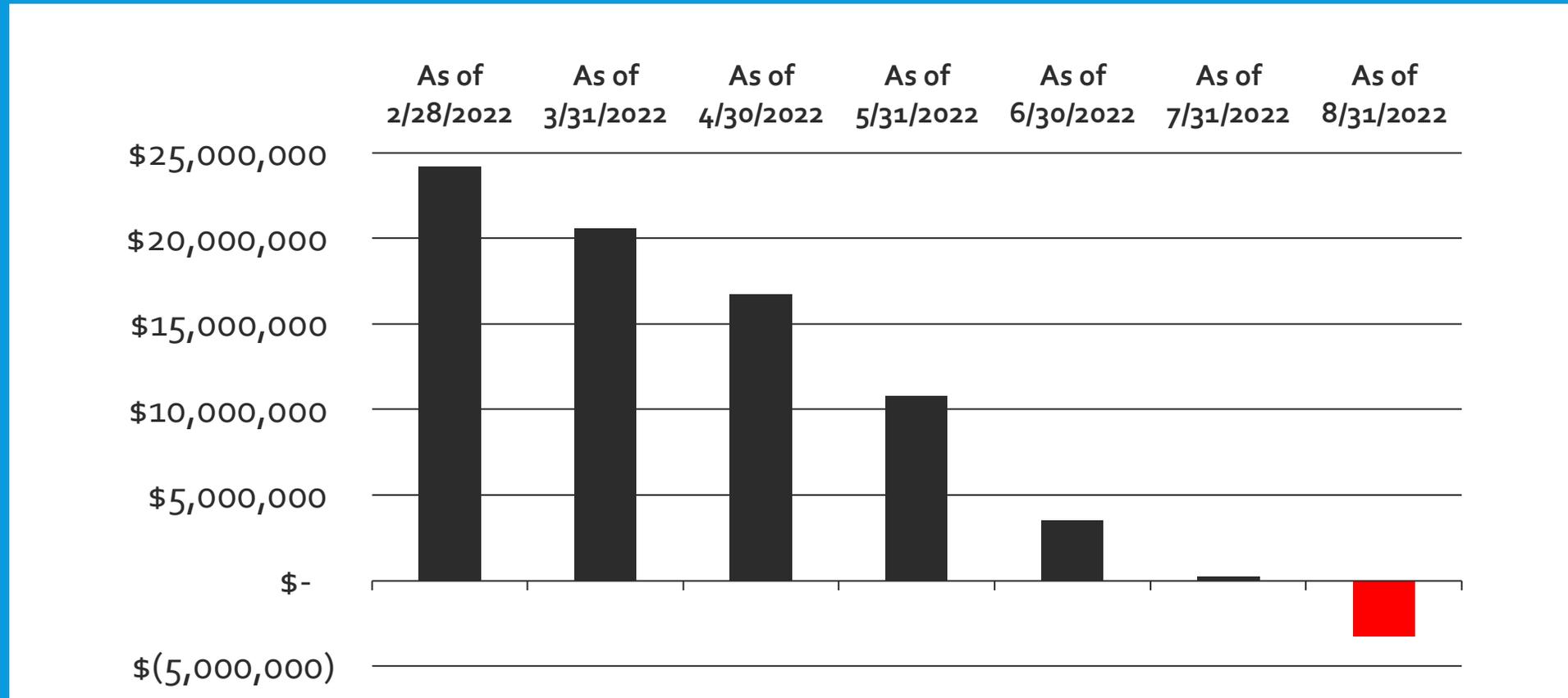
## Commercial Paper

- Commercial Paper allows us to issue contracts without issuing bond funds
- Continue to rely on Commercial Paper for the unknowns:
  - Timing of issuing contracts
  - Amounts of contracts or cashflows
  - Feasibility of projects
  - Variability in construction markets

## Long-term Bonds

- Known contract amount
- Known schedule

# CURRENT BOND FUNDS EXPECTED TO BE AVAILABLE



Note: Current Bond Funds are remaining from 2014 IPL and 2016 Bonds.

# WATER INFRASTRUCTURE PROJECTS IN PROPOSED \$50M BOND ISSUANCE

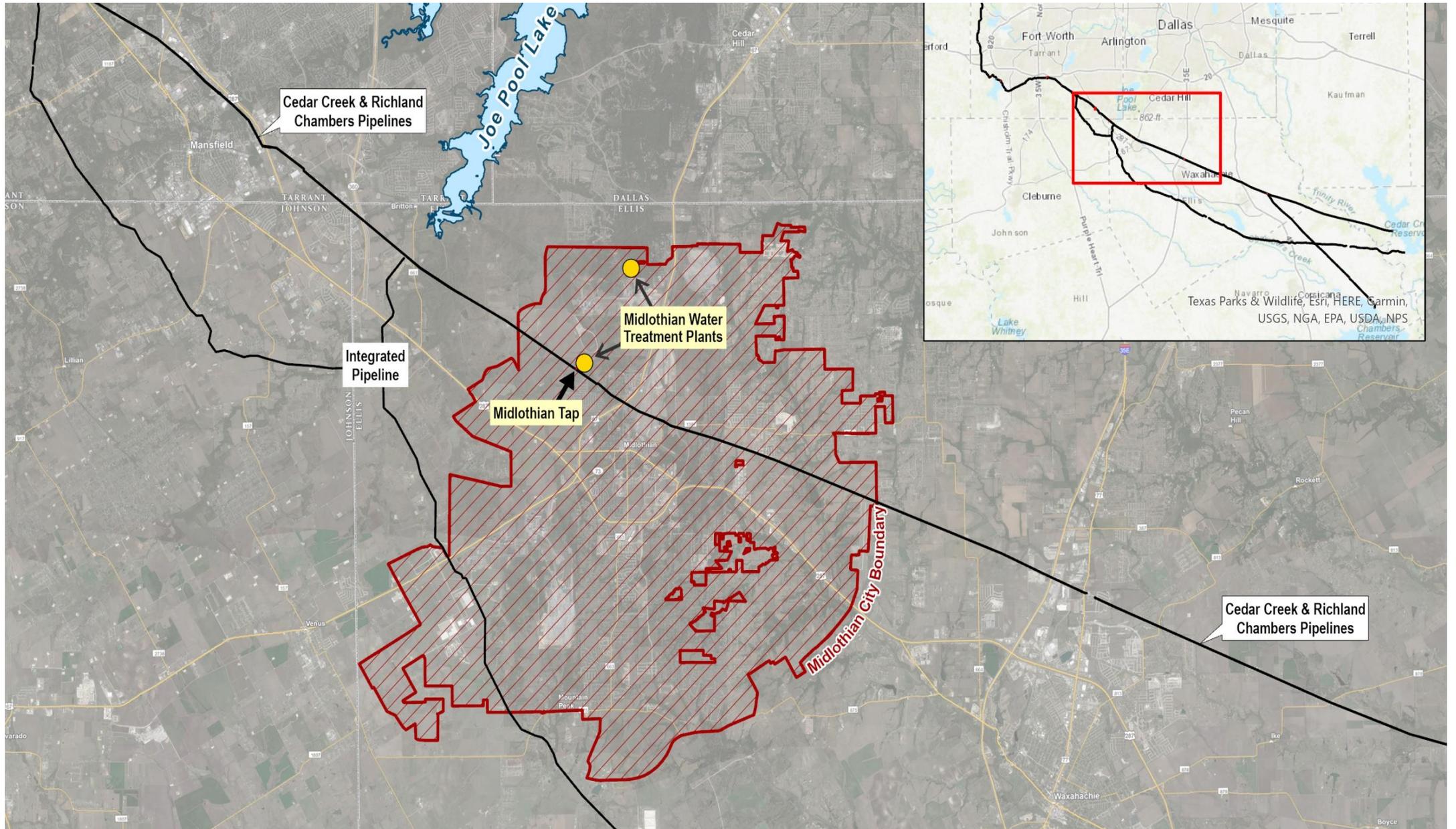
- Kennedale Balancing Reservoir Phase 3
  - Final modifications of Cells 1 & 2 for water system efficiencies and redundancy
  - \$25M
- Cedar Creek Wetlands
  - Final Design & Land Purchase for new wetlands
  - \$20M
- Chemical Improvements & Other CIP Projects
  - \$5M



# 5

## Consider Approval of Contract Amendment to City of Midlothian's Additional Party Raw Water Supply Contract

Rachel Ickert, *Chief Water Resources Officer*

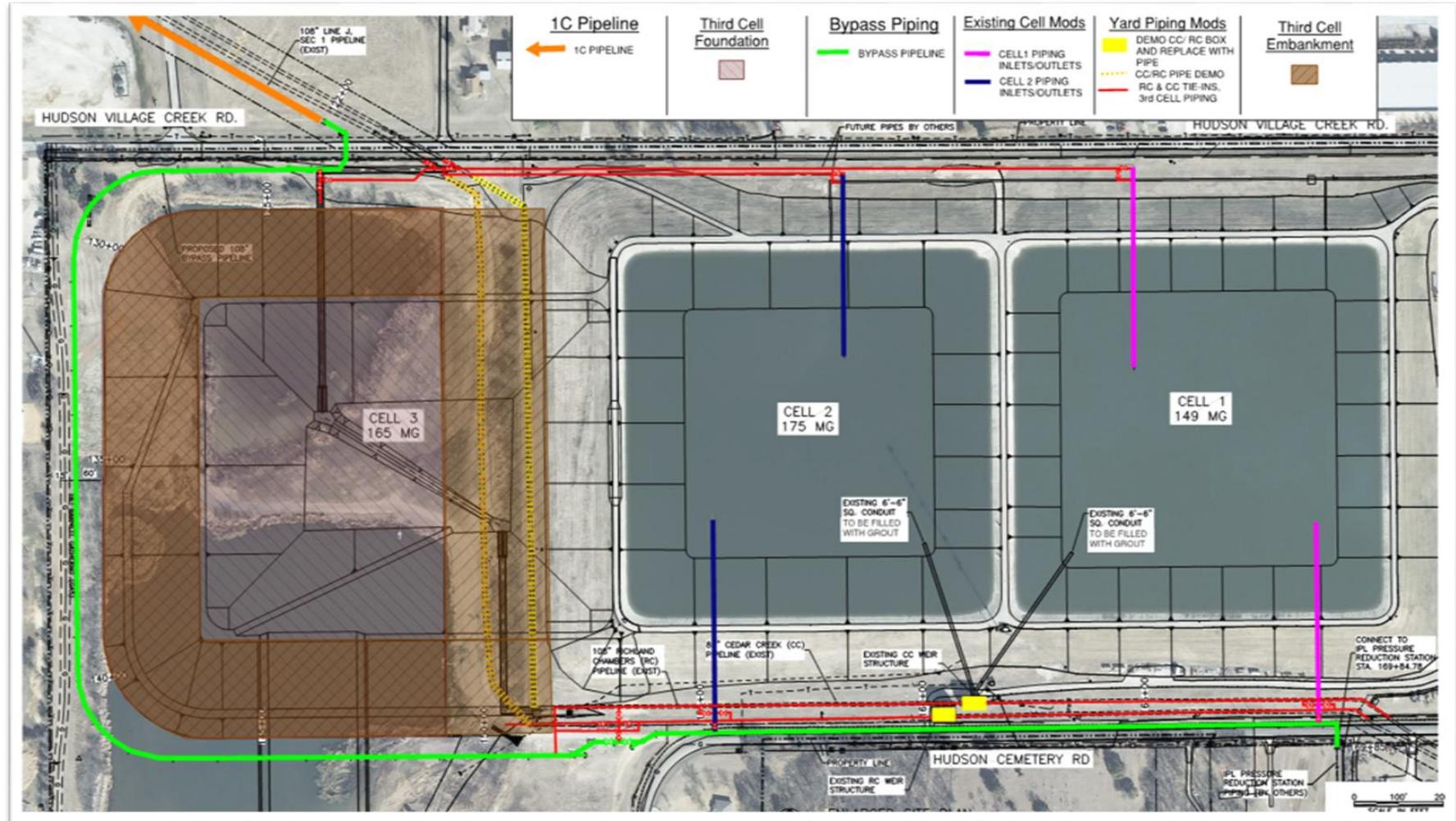


# 6

## Consider Approval of Change Order with BAR Constructors, Inc. for the Kennedale Balancing Reservoir Yard Piping, Inlet and Outlet Modifications Project

Jason Gehrig, *Infrastructure Engineering Director*

# Kennedale Balancing Reservoir Yard Piping, Inlet and Outlet Modifications



# Kennedale Balancing Reservoir Yard Piping, Inlet and Outlet Modifications

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# Kennedale Balancing Reservoir Yard Piping, Inlet and Outlet Modifications



# Staff Update

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## Public Information Act Update

Stephen Tatum, *General Counsel*

# THE TEXAS PUBLIC INFORMATION ACT

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## Chapter 552 of the Texas Government Code

### **Purpose:**

To maintain the people's control "over the instruments they have created" by giving them the right to request access to government information.

### **Making a Request:**

The Act is triggered when a person submits a written request to a governmental body. The request must ask for records already in existence. The Act does not require a governmental body to create new information, to do legal research, or to answer questions.

### **Exceptions to the Act:**

If an exception applies and the governmental entity wants to withhold the information, the governmental body generally must, within 10 business days of receiving the request, refer the matter to the Texas Attorney General for a ruling on whether the exception applies.

# Rights and Responsibilities

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**Rights of Requestors:** All people who request public information have the right to:

- Receive treatment equal to all other requestors
- Receive a statement of estimated charges in advance
- Choose whether to inspect the requested information, receive a copy of the information, or both
- Be notified when the governmental body asks the OAG for a ruling on whether the information may or must be withheld
- Be copied on the governmental body's written comments to the OAG stating the reason why the stated exceptions apply
- Lodge a complaint with the OAG regarding any improper charges for responding to a public information request
- Lodge a complaint with the OAG or the county attorney or criminal district attorney, as appropriate, regarding any alleged violation of the Act

**Responsibilities of Requestors:** All people who request public information have the responsibility to:

- Submit a written request according to a governmental body's reasonable procedures
- Include enough description and detail of the requested information so the governmental body can accurately identify and locate the requested items
- Cooperate with the governmental body's reasonable requests to clarify the type or amount of information requested
- Respond promptly in writing to all written communications from the governmental body (including any written estimate of charges)
- Make a timely payment for all valid charges
- Keep all appointments for inspection of records or for pick-up of copies

# Rights and Responsibilities

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**Rights of Governmental Bodies:** All governmental bodies responding to information requests have the right to:

- Establish reasonable procedures for inspecting or copying information
- Request and receive clarification of vague or overly broad requests
- Request an OAG ruling regarding whether any information may or must be withheld
- Receive timely payment for all copy charges or other charges
- Obtain payment of overdue balances exceeding \$100 or obtain a security deposit before processing additional requests from the same requestor
- Request a bond, prepayment or deposit if estimated costs exceed \$100 (or, if the governmental body has fewer than 16 employees, \$50)

# Rights and Responsibilities

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**Responsibilities of Governmental Bodies:** All governmental bodies responding to information requests have the responsibility to:

- Treat all requestors equally
- Complete open records training as required by law
- Be informed of open records laws and educate employees on the requirements of those laws
- Inform the requestor of cost estimates and any changes in the estimates
- Confirm the requestor agrees to pay the costs before incurring the costs
- Provide requested information promptly
- Inform the requestor if the information will not be provided within ten business days and give an estimated date on which it will be provided
- Cooperate with the requestor to schedule reasonable times for inspecting or copying information
- Follow attorney general rules on charges; do not overcharge on any items; do not bill for items that must be provided without charge
- Inform third parties if their proprietary information is being requested from the governmental body
- Inform the requestor when the OAG has been asked to rule on whether information may or must be withheld
- Copy the requestor on written comments submitted to the OAG stating the reasons why the stated exceptions apply
- Comply with any OAG ruling on whether an exception applies or file suit against the OAG within 30 days
- Respond in writing to all written communications from the OAG regarding complaints about violations of the Act

# What is “Public Information”

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Section 552.002(a) of the Government Code defines “public information” as: information that is written, produced, collected, assembled, or maintained under a law or ordinance or in connection with the transaction of official business:

(1) by a governmental body;

(2) for a governmental body and the governmental body:

(A) owns the information;

(B) has a right of access to the information; or

(C) spends or contributes public money for the purpose of writing, producing, collecting, assembling, or maintaining the information; or

(3) by an individual officer or employee of a governmental body in the officer’s or employee’s official capacity and the information pertains to official business of the governmental body.

# Exceptions To The Public Information Act

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## **72 Total Exceptions Provided in the PIA, Including But Not Limited To:**

Confidential Information

Certain Personnel Information (e.g., dates of birth, existence of family members)

Litigation or Settlement Negotiations

Information Related to Competition or Bidding

Information Related to Location or Price of Property

Certain Legislative Documents

Information Within the Attorney/Client Privilege

Information Protected by Court Order

Certain Law Enforcement, Corrections, and Prosecutorial Information

Certain Private Communications of an Elected Office Holder

Trade Secrets

Financial or Commercial Information

Agency Memoranda (Deliberative Process Privilege, Work Product Privilege)

# TRWD Public Information Act

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## Statistics for the One-Year Period 6/1/2021 – 5/31/2022

- Total Number of PIA Requests Submitted: 268
- Number of PIA Requests referred to the Texas Attorney General for an opinion on disclosure: 24 (3 since January 2022)
- Number of times the Attorney General directed TRWD to disclose information: 10
- Total number of pages disclosed: Approximately 72,000

# Texas Public Information Act Handbook

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The Public Information Act Handbook, updated every year by the Texas Attorney General, is available on the OAG's website at:

[www.texasattorneygeneral.gov/opengovernment/office-attorney-general-and-public-information-act](http://www.texasattorneygeneral.gov/opengovernment/office-attorney-general-and-public-information-act).

# Staff Update

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## Transparency Update

Sandy Newby, *Chief Financial Officer*

# Comptroller Transparency Star Program

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# Transparency Star Award Economic Development

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District Economic Development is currently limited to Tax Increment Financing Districts (TIF's)

Economic Development Transparency website information includes:

- Annual summary of overall TIF participation
- Information on each TIF
  - Purpose & Period
  - Annual Contribution
  - TIF Capital Investment and Contribution by all Entities provided by City of Fort Worth
- 5 Year comparison graphs
- Downloadable agreements
- Link to City of Fort Worth for more information

# Transparency

Overview

Traditional Finances

Contracts and Procurement

**Economic Development**

Debt Obligations

Public Pensions

Contact Information

## Economic Development

Overview TIF Information Time Trends Other Information

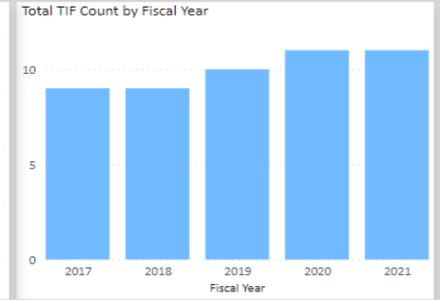
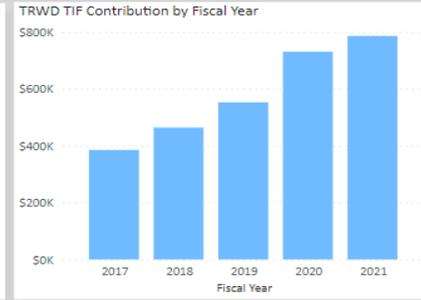
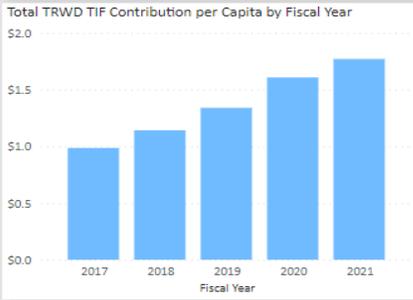
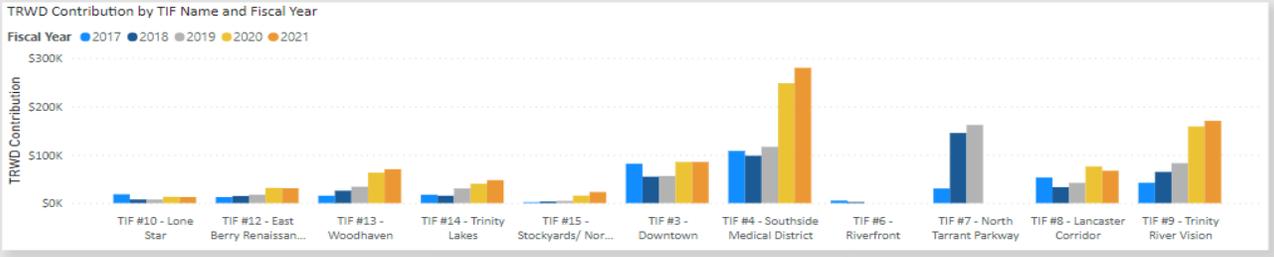
The vision of the District is to enrich communities and improve the quality of life which requires support of the comm as part of our vision, TRWD participates in several Tax Increment Financing Districts (TIF's). Each TIF has a specific pur economic development in communities around Tarrant County.

Economic Development as of Fiscal Year 2021	Total
Amount TRWD Contributed to TIF's	\$786,208
Estimated funds contributed by TRWD to TIF's in Year 1	\$163,102
Estimated funds contributed for life of TIF's	\$5,536,601
Number of Jobs Created	N/A*
Number of TIF Funds TRWD Participated In	9
Total TIF Capital Investment through current year (includes all participating entities)	\$3,037,529,192

\* There is no correlation between TIF contributions and job creation. The District supports TIF zone's which indirectly can

TIF	Purpose	TRWD Contributed Amount	Amount Contributed by all Entities	TIF Capital Investment	TRWD Tax Abatements	TIF Period
TIF #3 - Downtown	Promote the redevelopment of downtown Fort Worth. Big uses of funds were for free downtown parking, Sundance Square Plaza Improvements, Infrastructure & Transportation Improvements, and other items.	\$85,136	\$93,150,071	\$437,150,012	N/A	1/1/96-12/31/25
TIF #4 - Southside Medical District	Promote the revitalization of Fort Worth's Near Southside neighborhood and medical district, and to advance the transformation of this formally blighted area into an economically productive vibrant, mixed-use district.	\$279,873	\$95,565,072	\$548,278,900	N/A	1/1/98-12/31/22
TIF #6 - Riverfront	Promote development of north downtown, primarily near the RadioShack campus.	\$0	\$4,999,392	\$120,000,000	N/A	11/12/02-11/20/36
TIF #7 - North Tarrant Parkway	Provide regional road infrastructure improvements to support property development and to supplement bond and impact fee funding in this rapidly developing area.	\$0	\$42,149,928	\$688,361,990	N/A	12/9/03-12/31/19
TIF #8 - Lancaster Corridor	Promote development along the Lancaster corridor after an elevated portion of the I-30/I-35 interchange was realigned and demolished, reestablishing Lancaster Ave. as one of the primary getaways to downtown Fort Worth and near Southside/Medical district.	\$66,979	\$37,559,939	\$304,148,407	N/A	12/9/03-12/31/24

Overview TIF Information Time Trends Other Information



# Staff Update

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## Public Outreach Campaign Update

Linda Christie, *Government Affairs Director*

# Spring Mini-Campaign

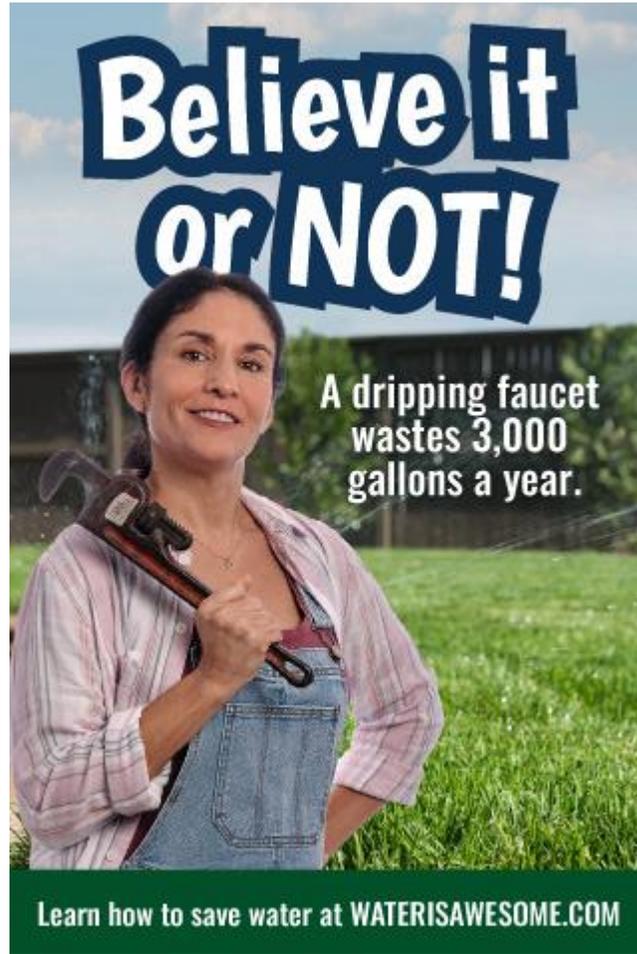


**Believe it or NOT!**

You don't have to water every day.

Learn how to save water at [WATERISAWESOME.COM](http://WATERISAWESOME.COM)

This advertisement features a woman in a pink shirt holding a black sprinkler head that is spraying water. The background is a green lawn with a fence and trees in the distance. The text is overlaid on the image.

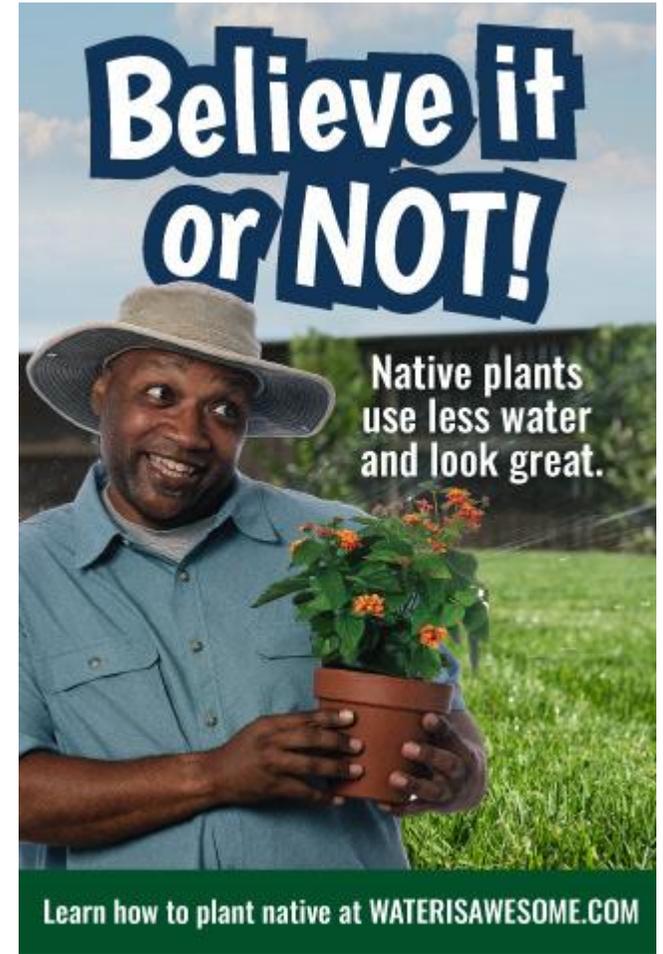


**Believe it or NOT!**

A dripping faucet wastes 3,000 gallons a year.

Learn how to save water at [WATERISAWESOME.COM](http://WATERISAWESOME.COM)

This advertisement features a woman in a pink shirt and denim overalls holding a large wrench. The background is a green lawn with a fence and trees in the distance. The text is overlaid on the image.



**Believe it or NOT!**

Native plants use less water and look great.

Learn how to plant native at [WATERISAWESOME.COM](http://WATERISAWESOME.COM)

This advertisement features a man in a blue shirt and a hat holding a potted plant with orange flowers. The background is a green lawn with a fence and trees in the distance. The text is overlaid on the image.

# Summer Campaign



# Staff Update

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## MWBE Vendor Participation Update

*Crystal Alba, Diverse Business Specialist*

# MWBE Report through 2<sup>nd</sup> Quarter FY 2022

# Cumulative through Quarter 2- FY 2022

	Total Actuals	Diverse Business Actuals	Diverse Business %
Tarrant Regional Water District *(w/o IPL and Central City Project)	\$140,839,887	\$24,309,152	17%
**Central City Project	\$56,175,148	\$19,663,473	35%
***Integrated IPL (IPL)	\$802,722,631	\$266,815,761	33%
<b>TRWD Grand Total</b>	<b>\$999,737,666</b>	<b>\$310,788,386</b>	<b>31%</b>

\*TRWD General Fund, Revenue Fund and Construction Funds reporting dates are 10/1/2013 – 3/31/2022.

\*\*Central City Project reporting dates are 7/1/2006-3/31/2022.

\*\*\*TRWD IPL Reporting dates are 1/1/2009 – 3/31/2022. Figures do not include pipe, owner furnished equipment or land.

# FY 2022 - First 2 Quarters

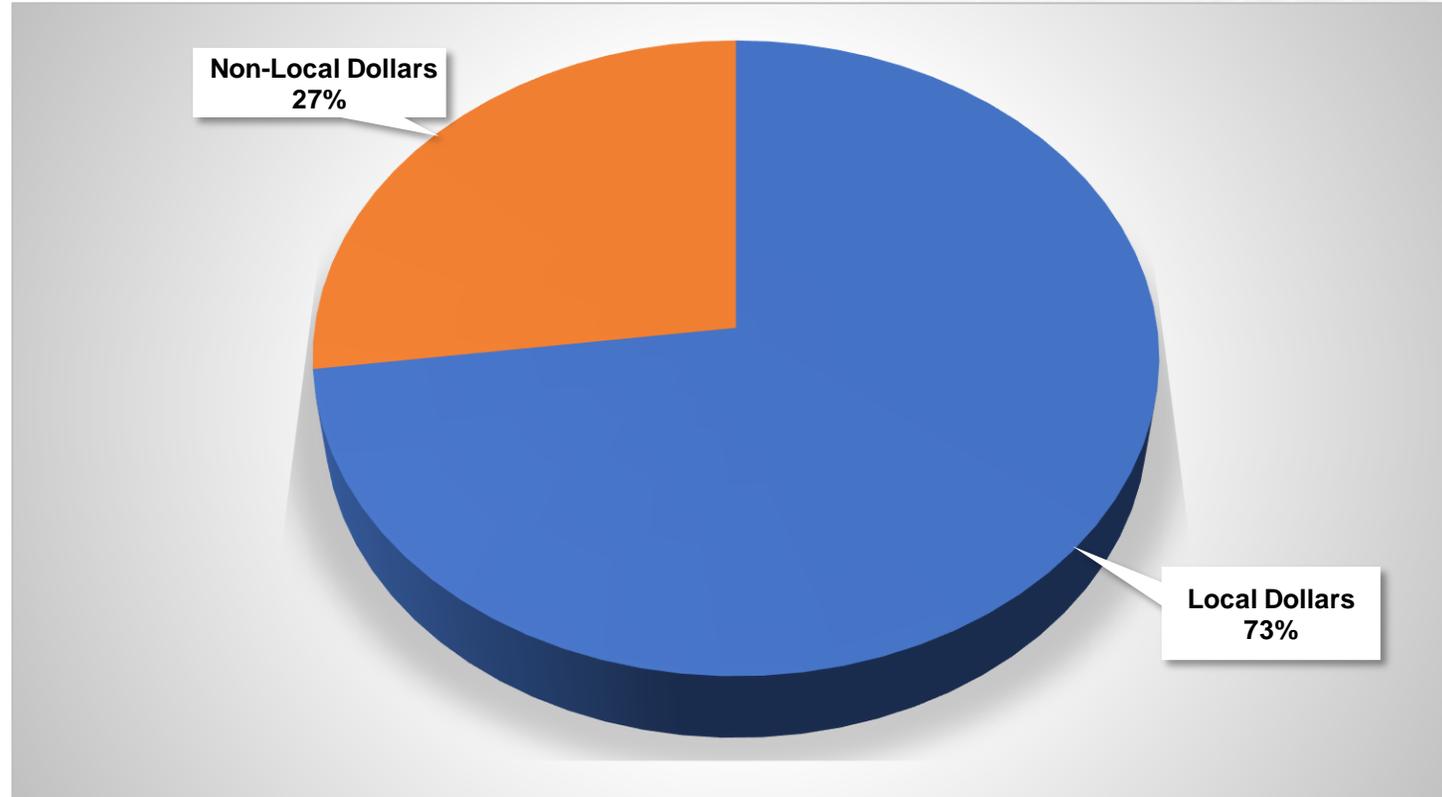
	Total Actuals	Diverse Business Actuals	Diverse Business %
Tarrant Regional Water District *(w/o IPL and Central City Project)	\$5,015,195	\$1,432,643	29%
**Central City Project	\$523,472	\$406,028	78%
***Integrated IPL (IPL)	\$8,525,519	\$3,582,296	42%
<b>TRWD Grand Total</b>	<b>\$14,064,186</b>	<b>\$5,420,967</b>	<b>39%</b>

\*TRWD General Fund, Revenue Fund and Construction Funds reporting dates are 10/1/2013 – 3/31/2022.

\*\*Central City Project reporting dates are 7/1/2006-3/31/2022.

\*\*\*TRWD IPL Reporting dates are 1/1/2009 – 3/31/2022. Figures do not include pipe, owner furnished equipment or land.

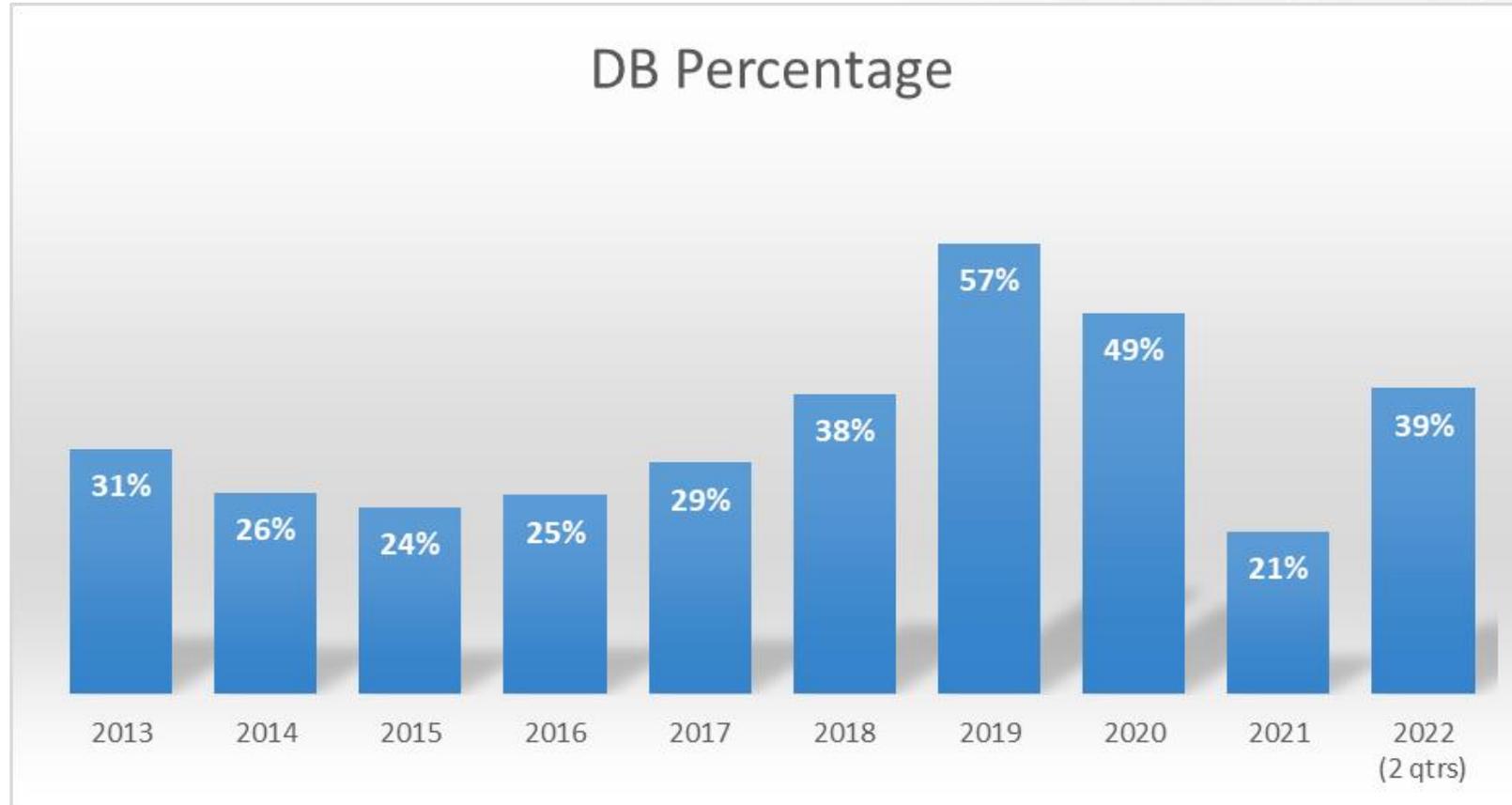
# Local Dollars



*\*Payments made in first 2 quarters.*

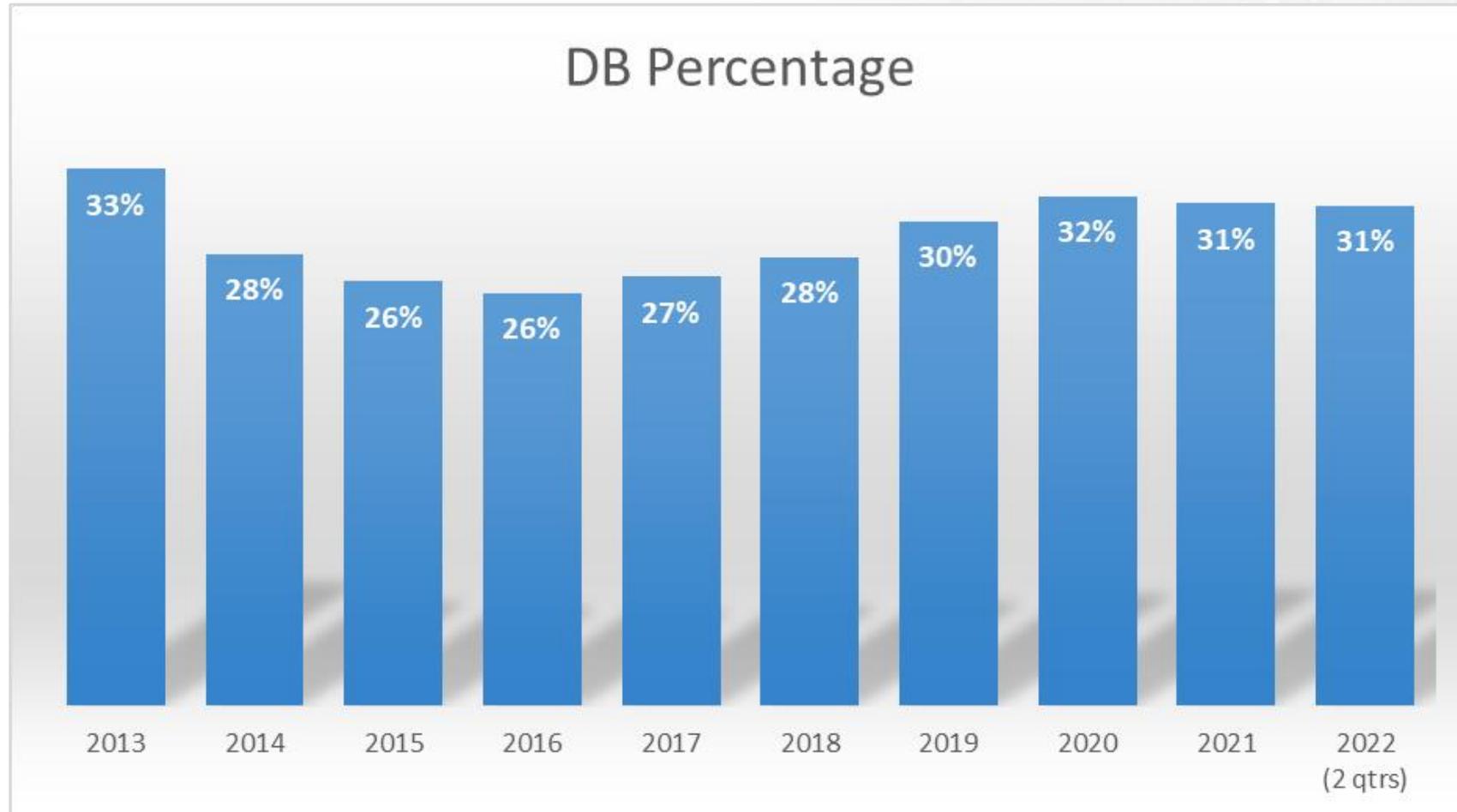
*\*\*Local includes Tarrant, Dallas, Anderson, Collin, Denton, Ellis, Freestone, Henderson, Jack, Johnson, Kaufman, Navarro, Parker, Rockwall, or Wise counties.*

# Diverse Business Actuals Percentage by Year



Reporting Dates: 10/1/20-3/31/2022

# Diverse Business Actuals Percentage by Year - Cumulative



Reporting Dates: 10/1/2009-3/31/2022

# Increased DB Dollars

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Project		Awarded	Anticipated DB \$	Percent
Design and Environmental Permitting of Permitting Services for Cedar Creek Wetlands	Plummer	\$11,244,912	\$4,563,375	40.5%
KBR Piping Inlet and Outlet Modifications	Bar Constructors	\$26,014,612*	\$18,136,179	68.9%

*\*Pipe and Valve are not included in DB Goal (\$40,505,600 - \$14,490,988 = \$26,014,612)*

# Staff Update

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## WaterWheel Project Update

Darrel Andrews, *Assistant Environmental Director*

# Trinity River Waterwheels Initiative

*Code Compliance - Environmental Quality Division*

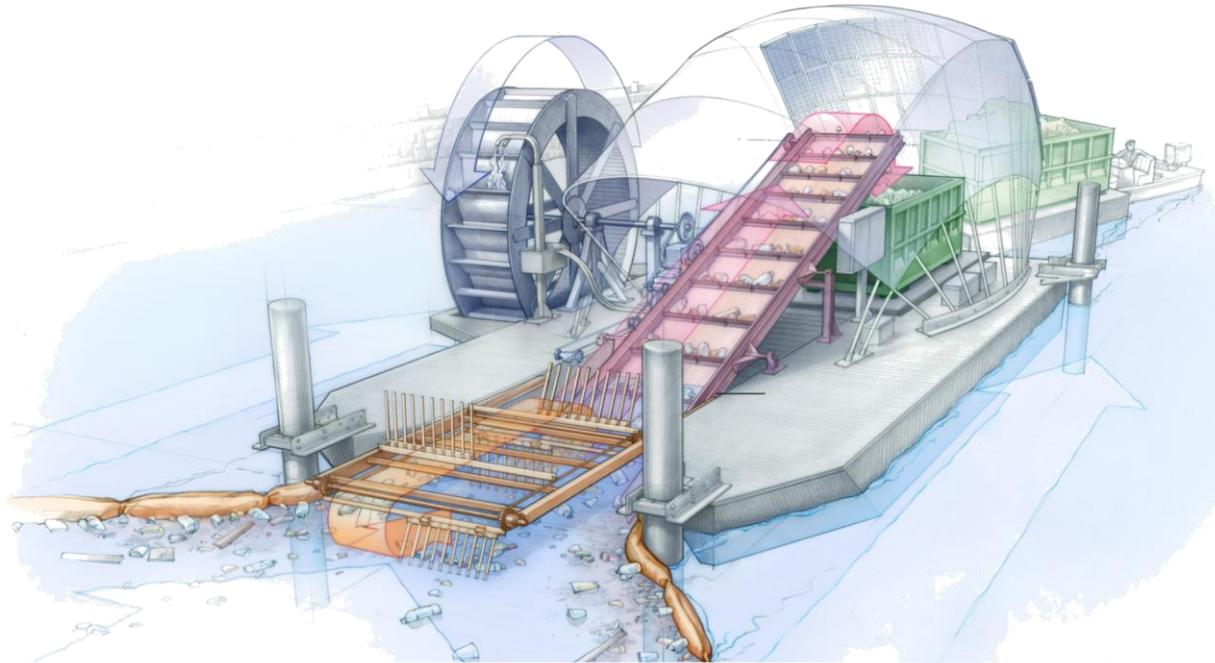


CO - SPONSORS



# What is a Waterwheel?

A waterwheel is a pollution-control, wheel-based machine that is placed in flowing waterways to collect and remove floatable pollution.



The waterwheel measures 52' long, 24' wide with a wheel that is 14' in diameter and 3' wide.

A waterwheel can remove more than **50,000 pounds** of solid waste per day.



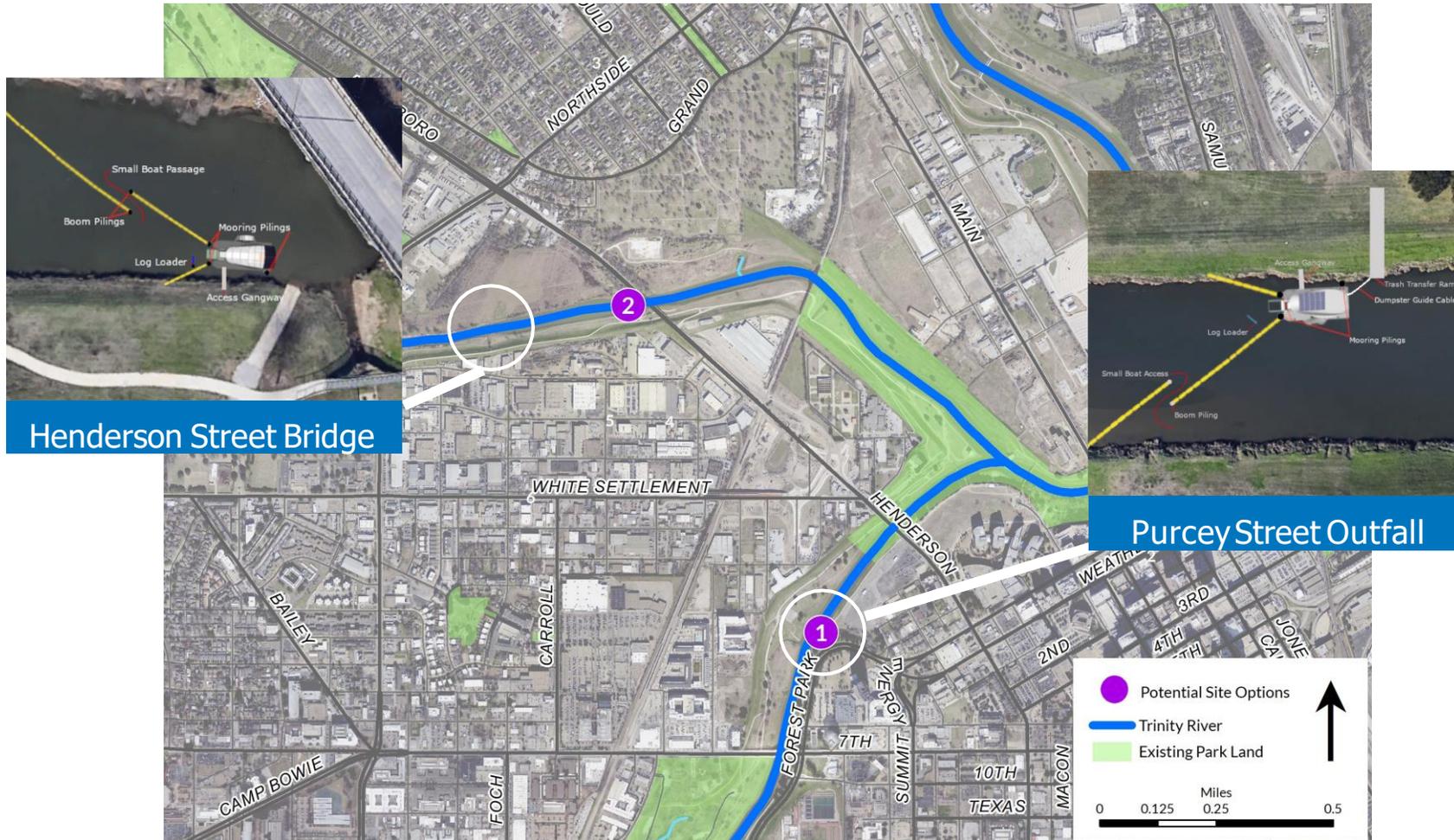
That's about the size of **2 ½** garbage trucks.

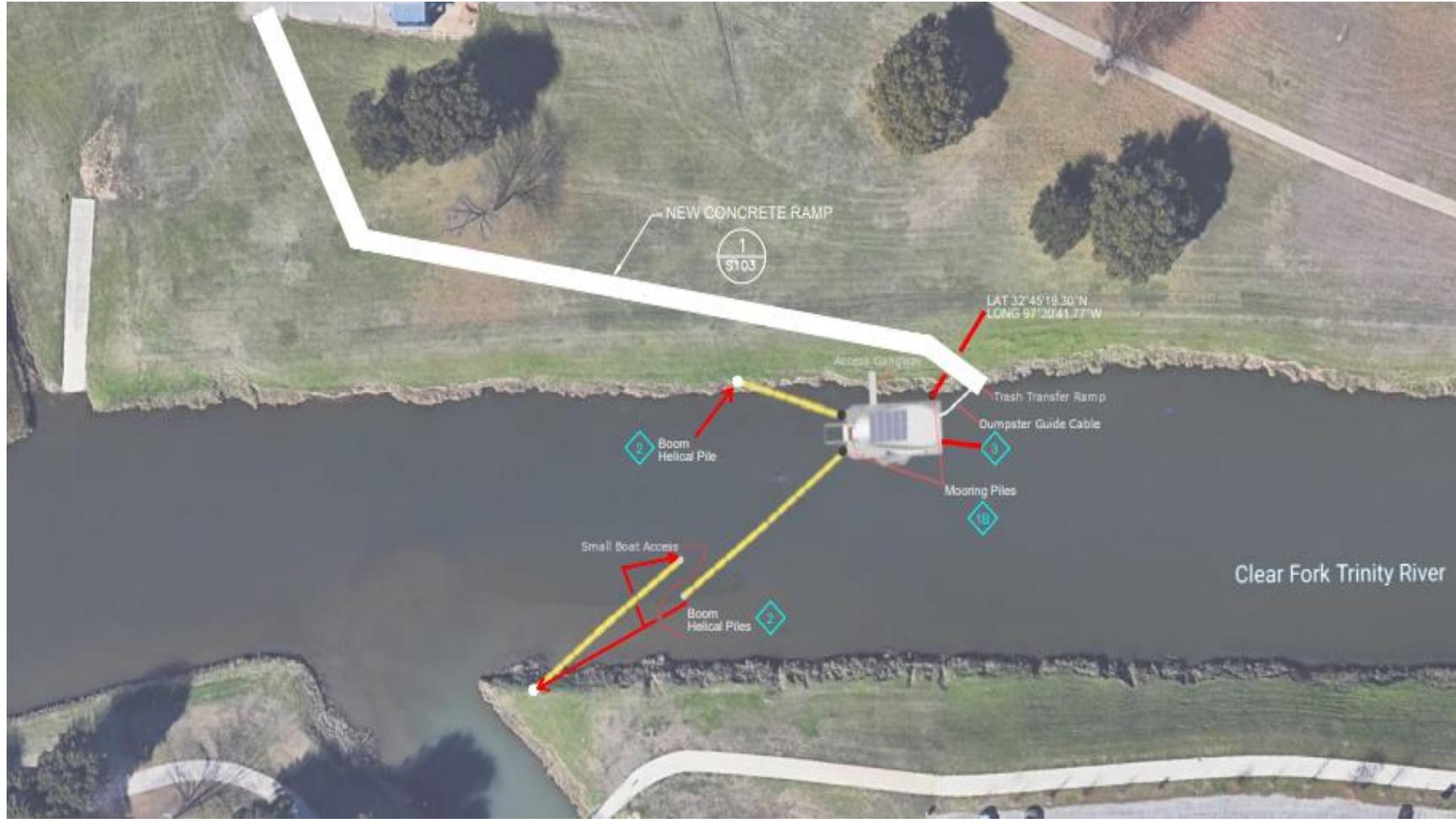
Photos and statistics courtesy of Clearwater Mills LLC. (2013) Clearwater Mills Sustainable Environmental Technologies. [www.clearwatermills.com](http://www.clearwatermills.com)

# Benefits of a Waterwheel

- 1 Collects trash and litter from rivers and streams
- 2 Improves the aesthetics and the usability of waterways
- 3 Improves aquatic ecosystems for fish and wildlife
- 4 Uses solar power – a sustainable energy source
- 5 Provides an opportunity to educate the general public about the problem of pollution
- 6 Inspires people to become a part of the solution to end litter

# Waterwheel Locations





# Cost & Operations

Cost per waterwheel

**\$597,000**

(2x) = **\$1.2M**

Annual Operational Costs

**Approximately \$50,000**

- *Daily, weekly and monthly system checks with annual system audits.*





<https://www.youtube.com/watch?v=RkQbcrzyAeE>

# Staff Update

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## Water Resources Update

Rachel Ickert, *Chief Water Resources Officer*

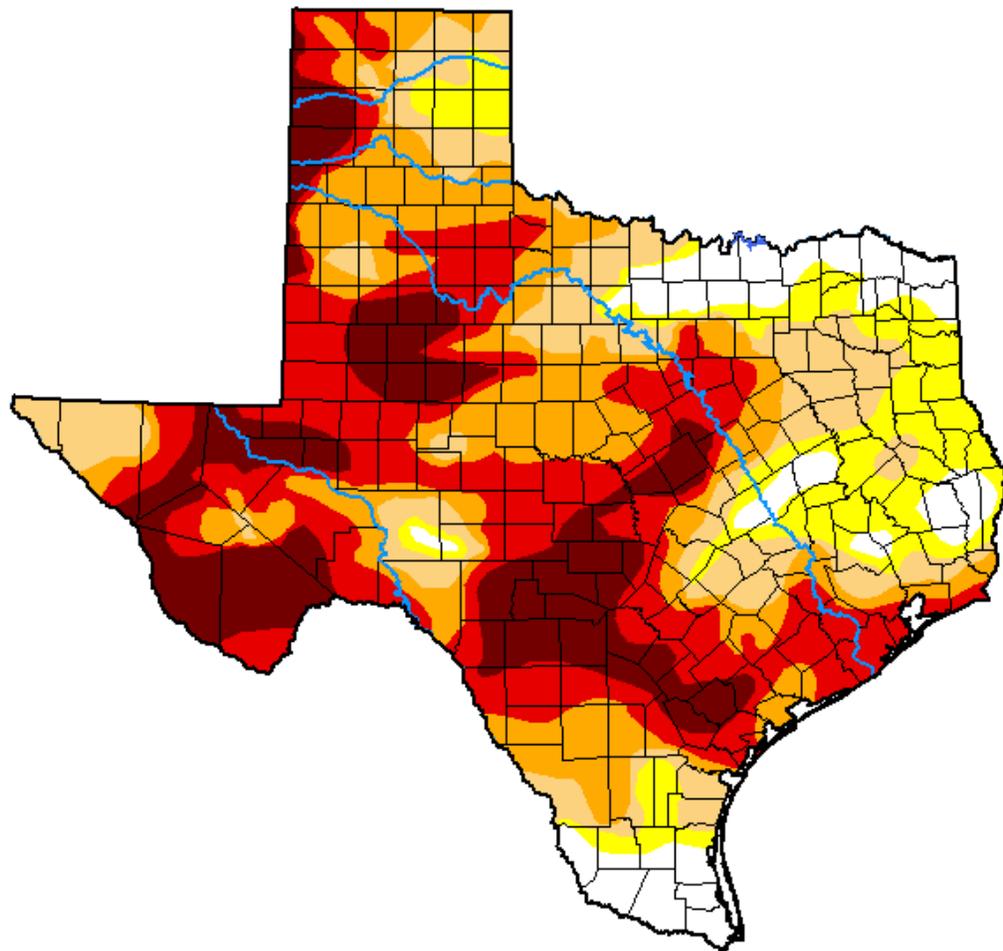


# U.S. Drought Monitor Texas

**June 14, 2022**

*(Released Thursday, Jun. 16, 2022)*

Valid 8 a.m. EDT



*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	8.59	91.41	79.97	64.03	42.47	16.78
<b>Last Week</b> <i>06-07-2022</i>	11.75	88.25	78.81	64.99	40.11	15.60
<b>3 Months Ago</b> <i>03-15-2022</i>	3.69	96.31	91.22	70.13	41.20	8.63
<b>Start of Calendar Year</b> <i>01-04-2022</i>	7.58	92.42	79.83	54.25	16.69	0.00
<b>Start of Water Year</b> <i>09-28-2021</i>	45.57	54.43	7.26	0.27	0.00	0.00
<b>One Year Ago</b> <i>06-15-2021</i>	78.04	21.96	12.44	7.64	4.47	1.16

Intensity:



*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>*

Author:

Adam Hartman  
NOAA/NWS/NCEP/CPC

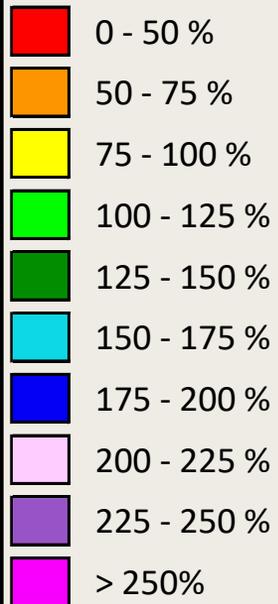


[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

# Percent of Normal Rainfall

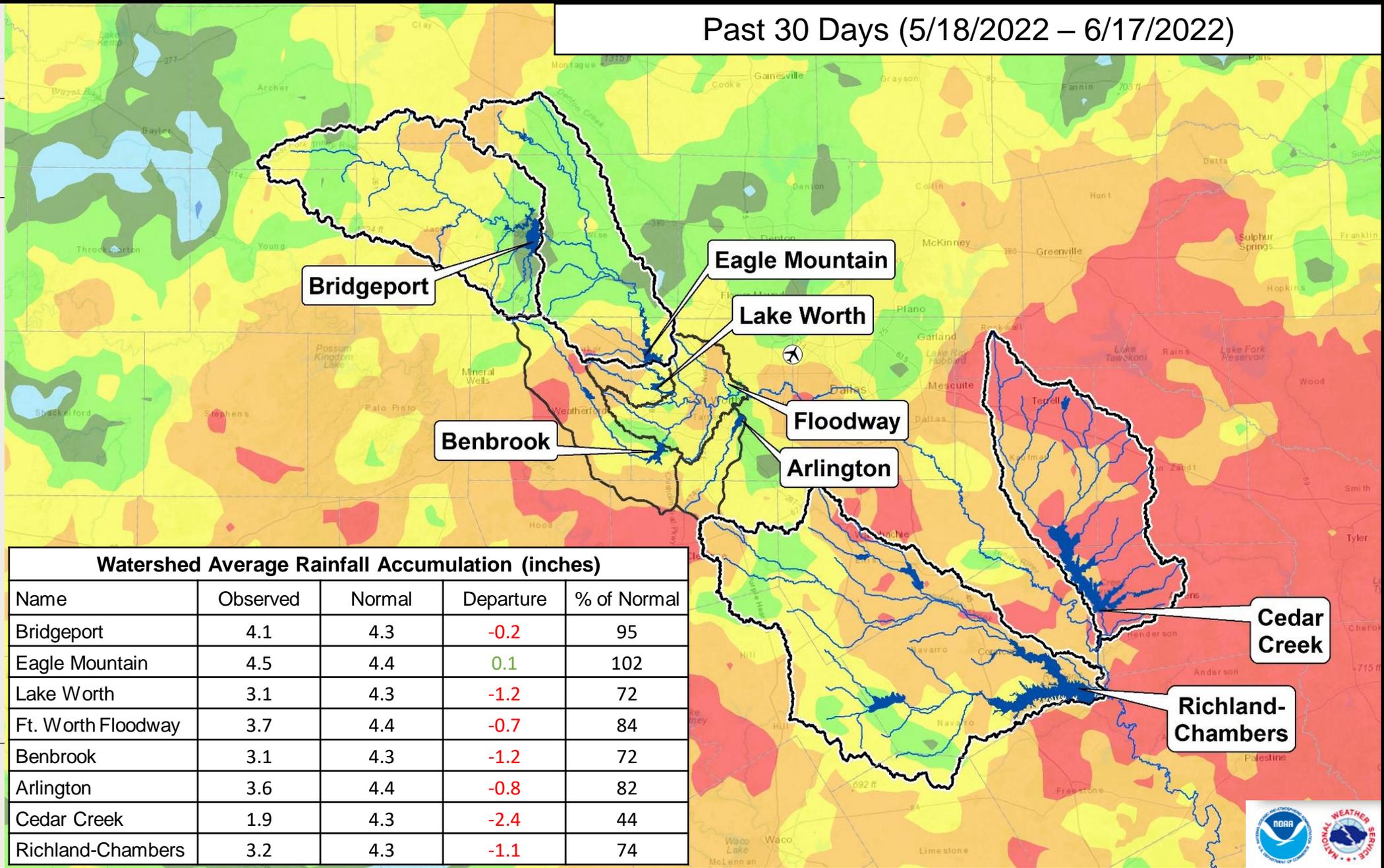


## LEGEND



Precipitation totals are obtained from NOAA's NWS. The totals displayed are estimated by the WGRFC. The data is processed and displayed using ESRI ArcGIS.

Past 30 Days (5/18/2022 – 6/17/2022)



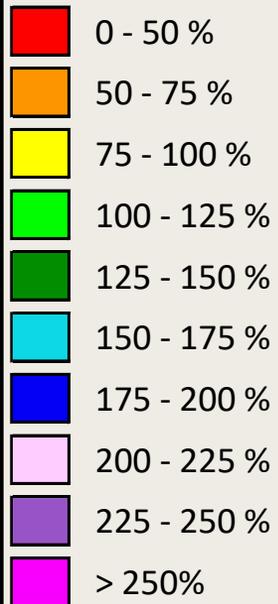
Watershed Average Rainfall Accumulation (inches)				
Name	Observed	Normal	Departure	% of Normal
Bridgeport	4.1	4.3	-0.2	95
Eagle Mountain	4.5	4.4	0.1	102
Lake Worth	3.1	4.3	-1.2	72
Ft. Worth Floodway	3.7	4.4	-0.7	84
Benbrook	3.1	4.3	-1.2	72
Arlington	3.6	4.4	-0.8	82
Cedar Creek	1.9	4.3	-2.4	44
Richland-Chambers	3.2	4.3	-1.1	74



# Percent of Normal Rainfall

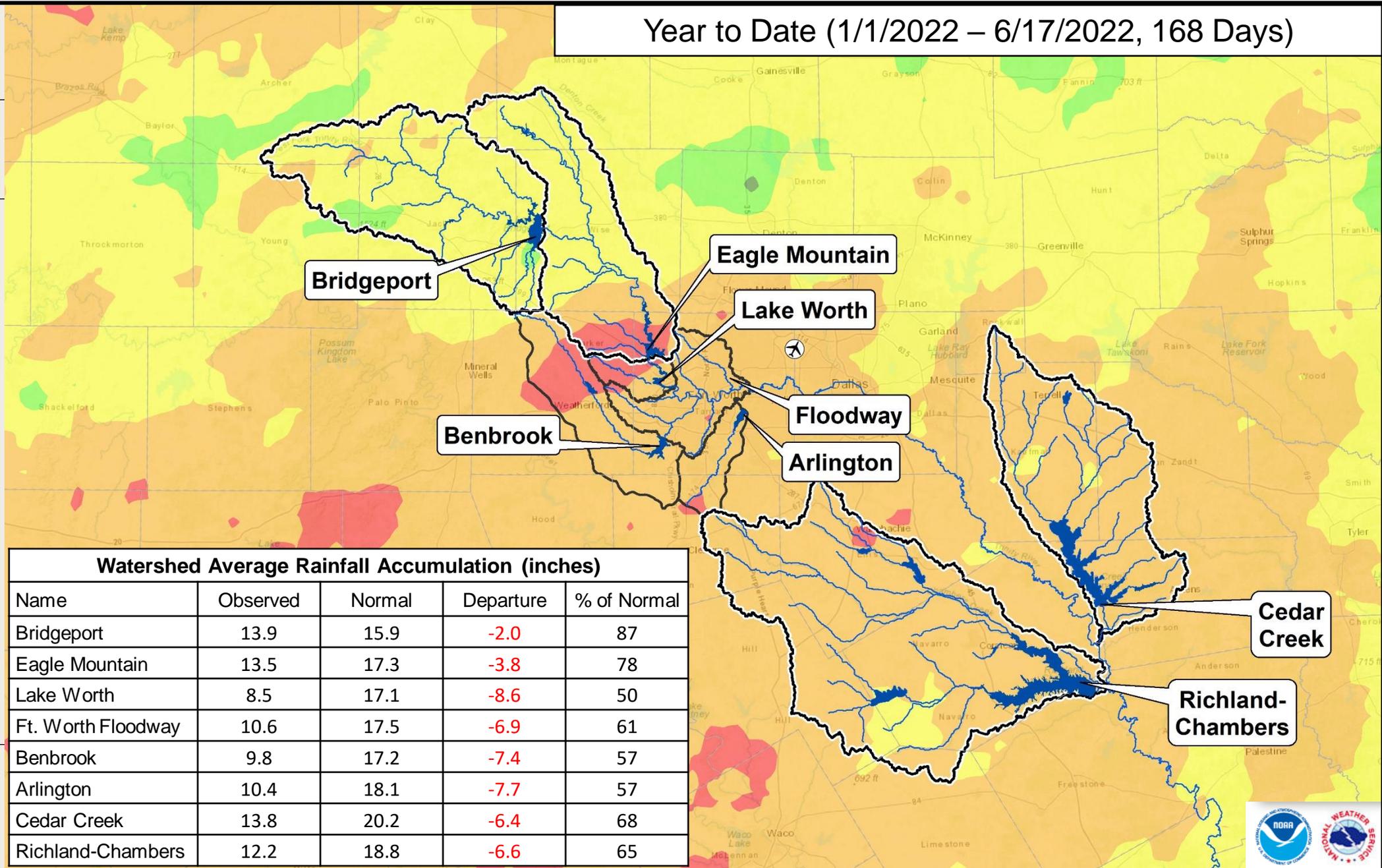


## LEGEND



Precipitation totals are obtained from NOAA's NWS. The totals displayed are estimated by the WGRFC. The data is processed and displayed using ESRI ArcGIS.

Year to Date (1/1/2022 – 6/17/2022, 168 Days)



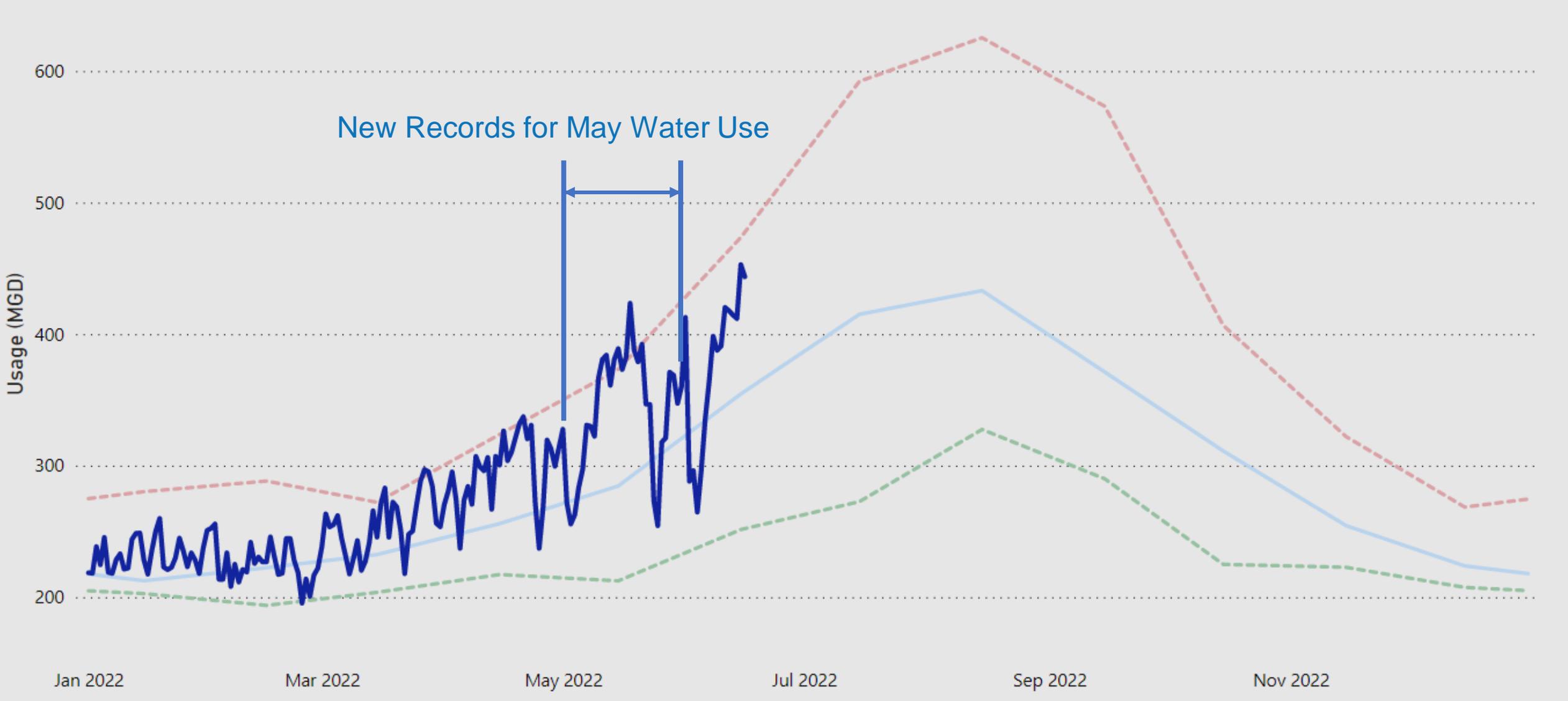
Watershed Average Rainfall Accumulation (inches)				
Name	Observed	Normal	Departure	% of Normal
Bridgeport	13.9	15.9	-2.0	87
Eagle Mountain	13.5	17.3	-3.8	78
Lake Worth	8.5	17.1	-8.6	50
Ft. Worth Floodway	10.6	17.5	-6.9	61
Benbrook	9.8	17.2	-7.4	57
Arlington	10.4	18.1	-7.7	57
Cedar Creek	13.8	20.2	-6.4	68
Richland-Chambers	12.2	18.8	-6.6	65

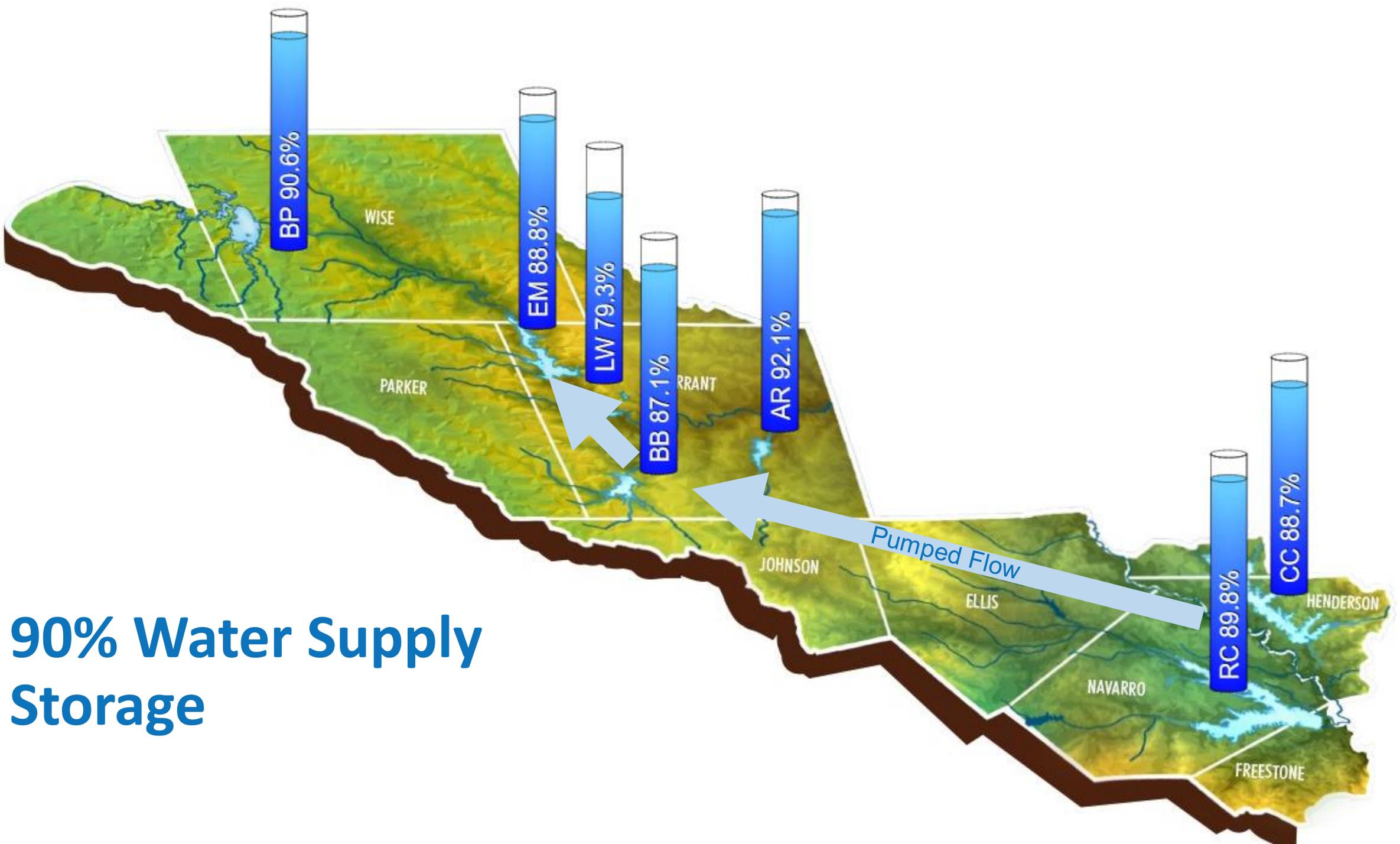


# 2022 Demands of TRWD Four Primary Customers

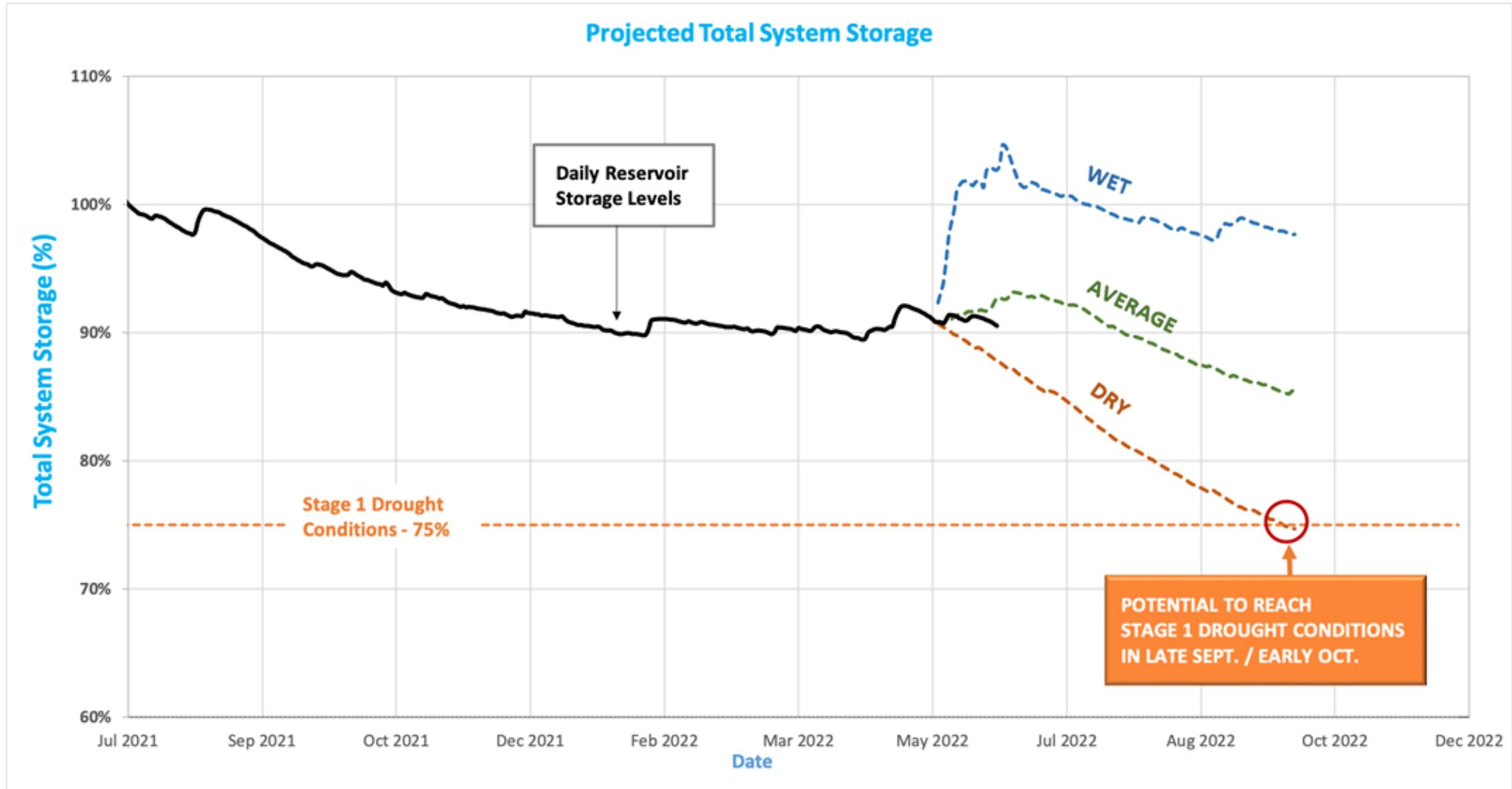
\*As of 6/16/2022

Expected Use (Avg) - Expected Use (Dry) - Expected Use (Wet) - Actual Use



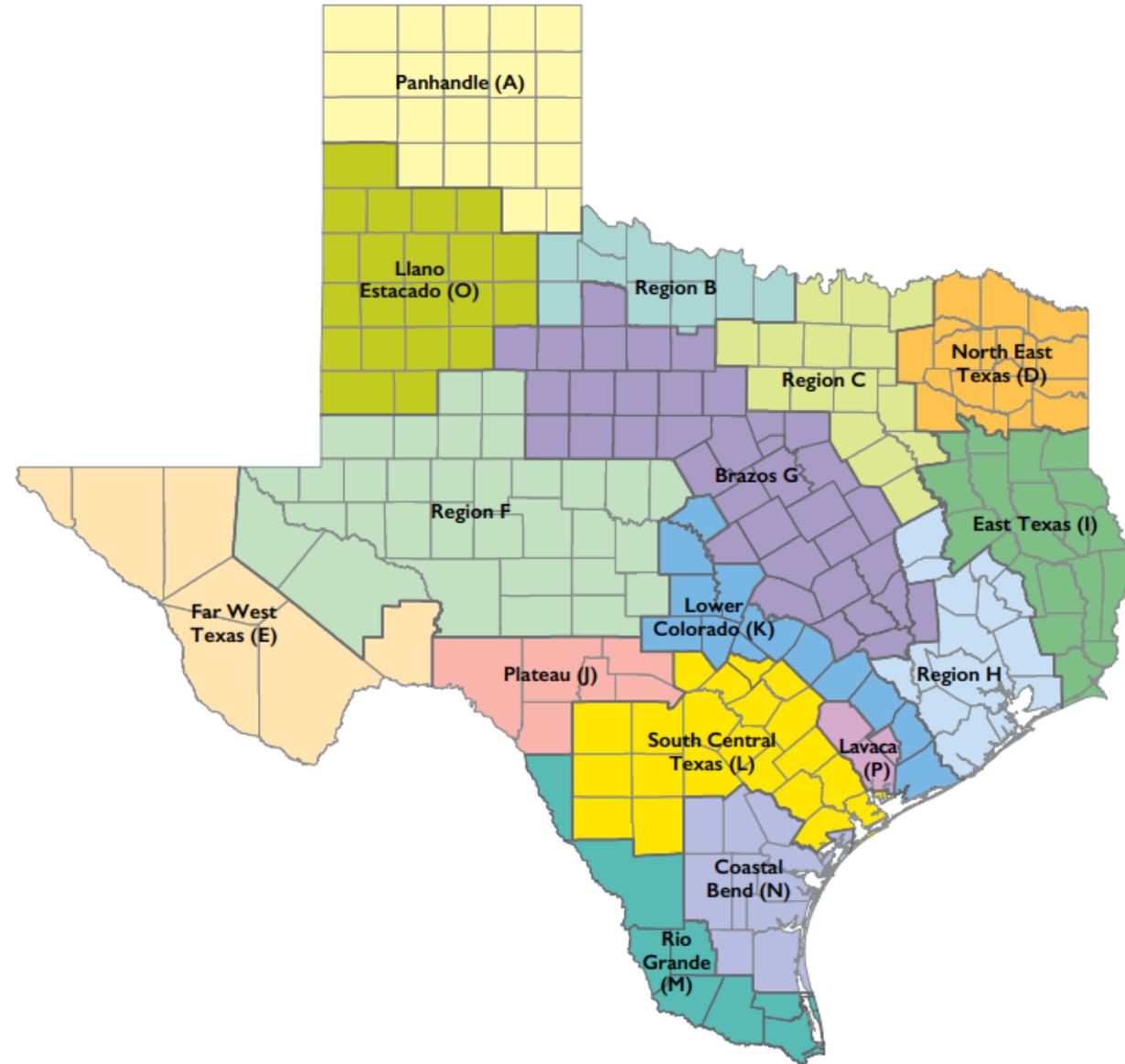


**90% Water Supply Storage**

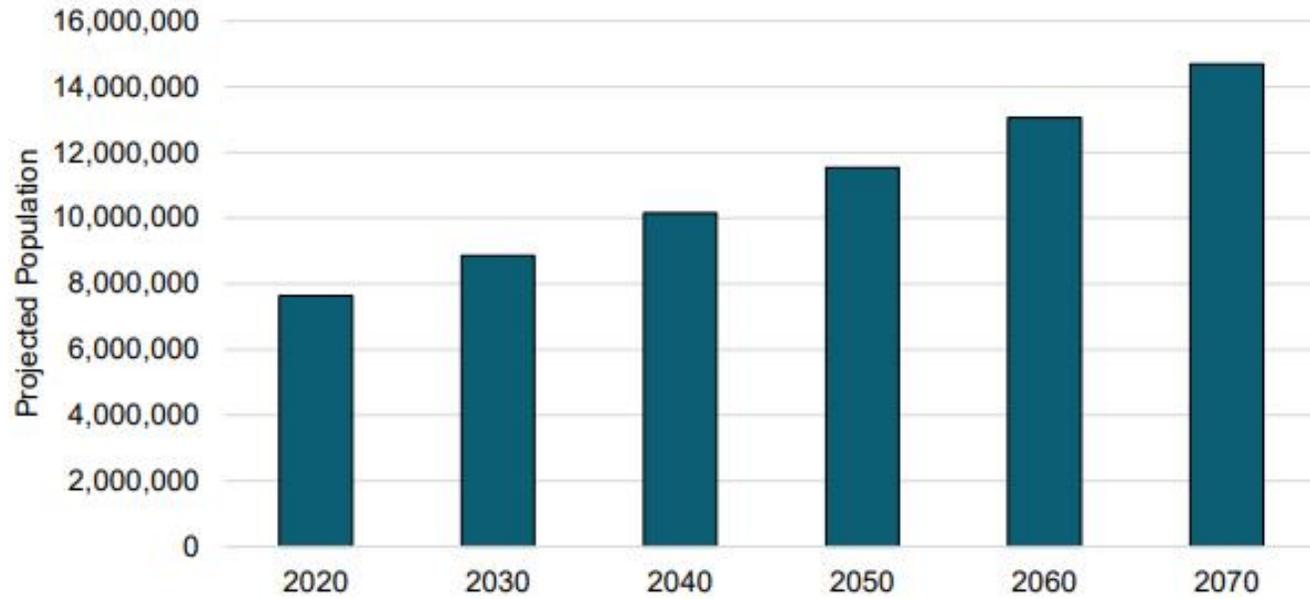


# Water Supply Planning Update

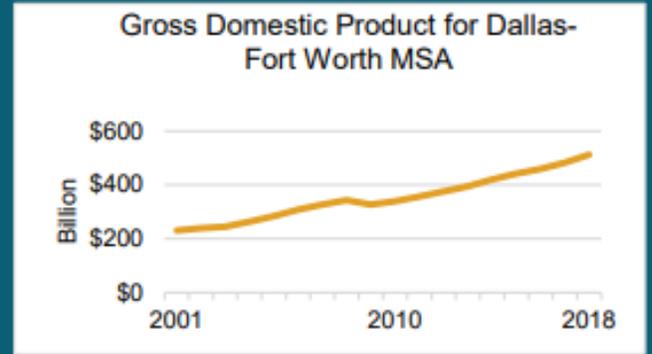
WATER SUPPLY · FLOOD PROTECTION · RECREATION



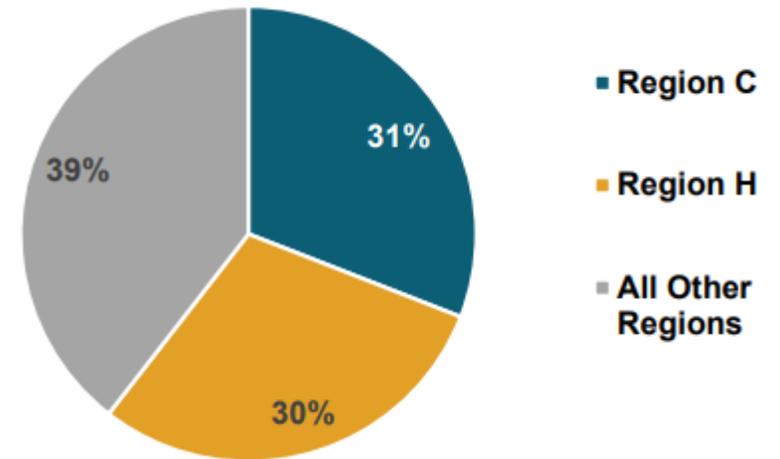
**Figure 2.3 Adopted Population Projections for Region C**



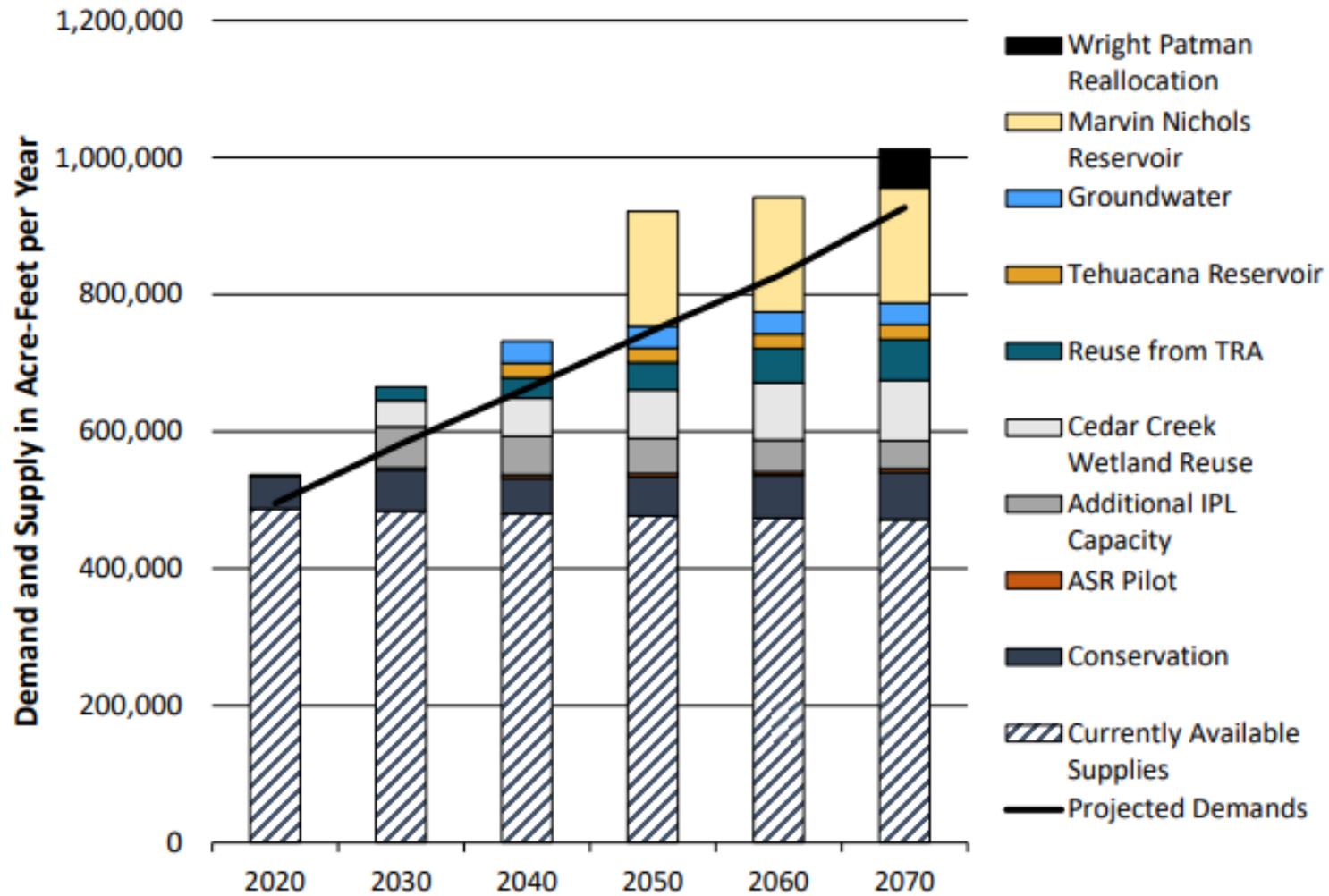
**Region C accounts for nearly 1/3 of Texas' economy, making it the single largest economic engine in the State.**



**Region C's population is increasing by more than 300 people per day**

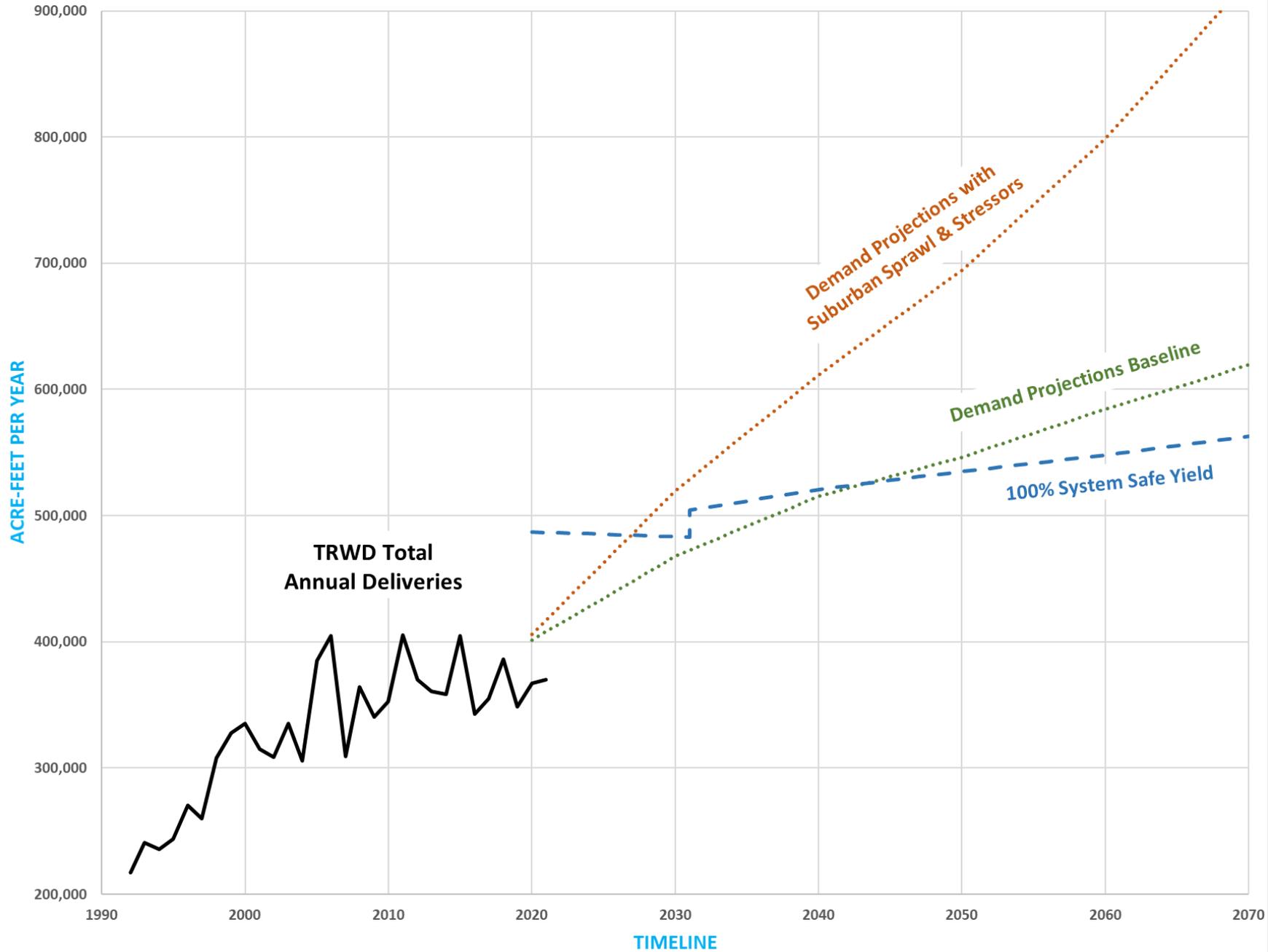


**Figure 5D.4 Recommended Water Management Strategies for Tarrant Regional Water District**

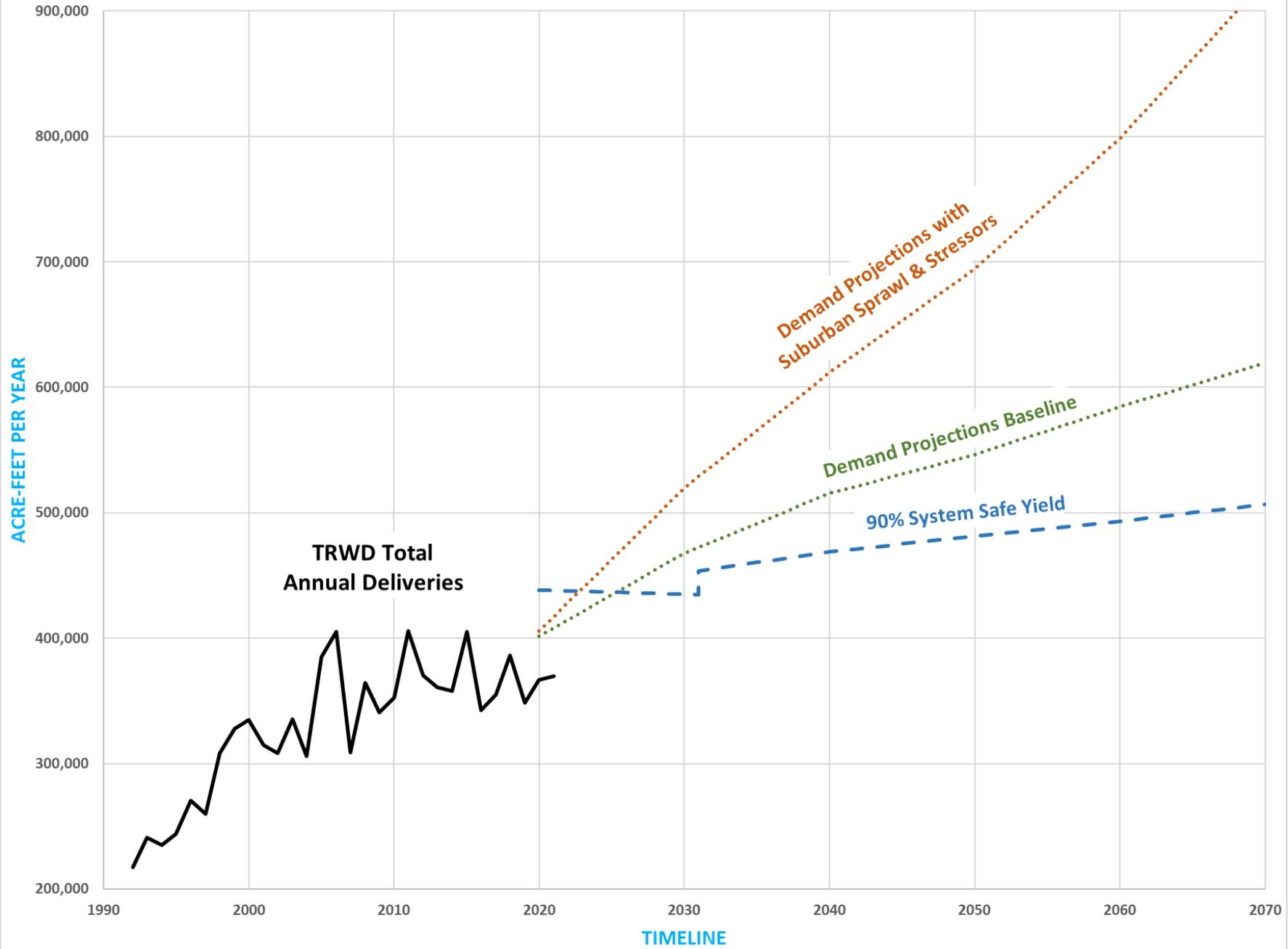


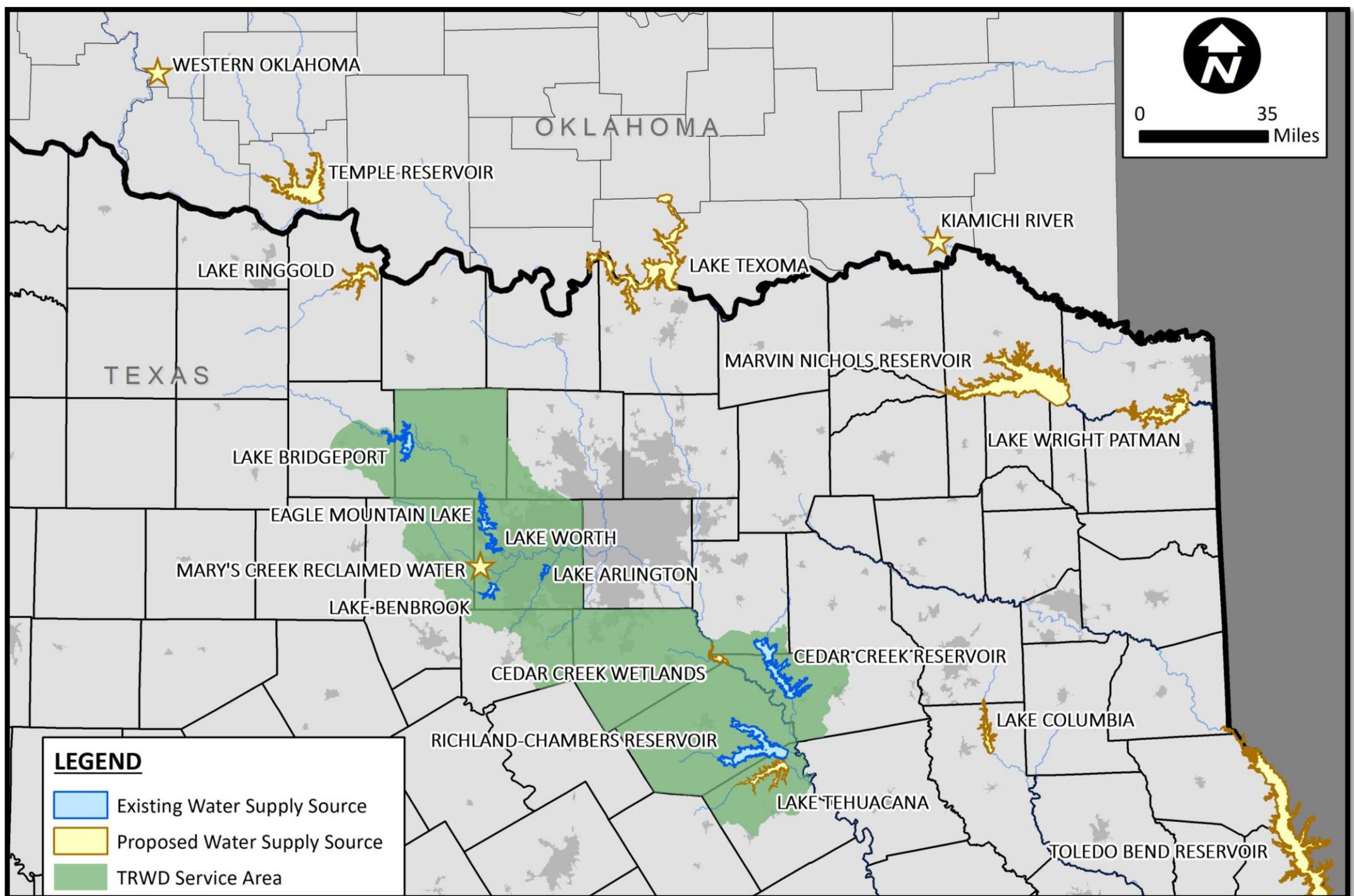


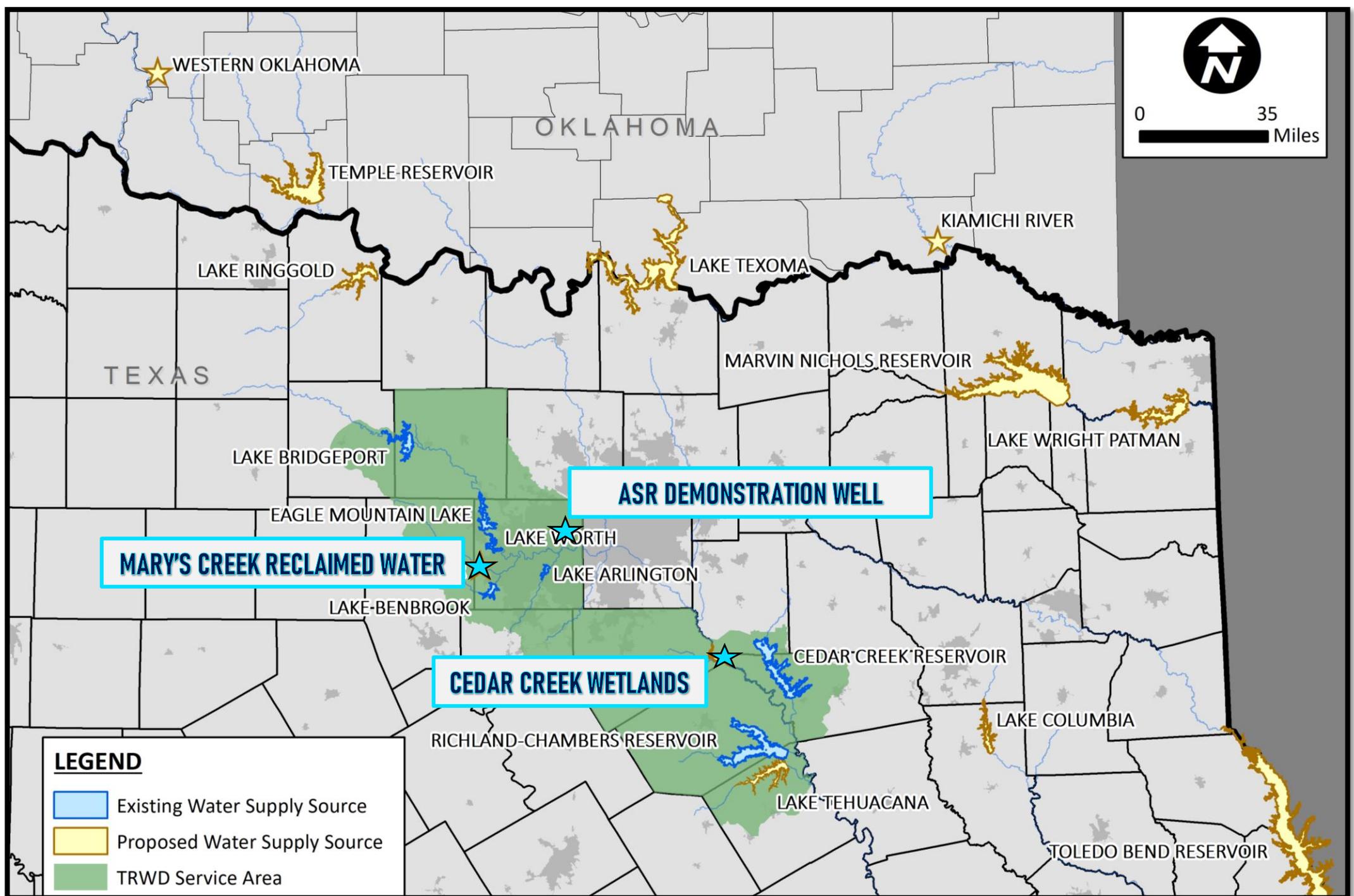
### Supply vs. Demand: 100% System Safe Yield



# Supply vs. Demand: 90% System Safe Yield







# Current Water Supply Planning Efforts

- TRWD Integrated Water Supply Plan Update
- Cedar Creek Wetlands
- Mary's Creek Reclaimed Water Project
- Aquifer Storage and Recovery (ASR) Demonstration Well
- TRWD System Permit Evaluation
- ExFlo Permits
- Water Conservation Efforts
- Regional Water Supply Systems Optimization Study
- Sulphur River Basin Study
- Region C Water Supply Planning Process (6<sup>th</sup> 5-year cycle)



# 8

## Executive Session



# 9

## Future Agenda Items





# 10

Next Board Meeting  
July 19, 2022 at 9:00 AM





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Adjourn