BOARD OF DIRECTORS MEETING

April 18, 2023



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 March 21, 2023







4

Presentation by Iris Bruton, Executive Director of Trinity Collaborative, Inc.











MAYFEST IS CASHLESS!





Free Admission Thursday!



Social Media







You are Mayfest!



New for 2023



Sky Elements Drone Show







Dinosaurs









The Nerveless
Nocks Original
Daredevil
Circus





Wildlife On The Move







Laser Spectacles, Inc.







Tram Service







Mayfest 2023 By the Numbers

- 75 Bands and Performance Groups
- 95 Art & Gift Market Vendors
- 20+ Carnival Rides & Games
- 28 Festival Food Vendors
- 20+ Free Children's Activities and Shows
- 6 Amazing Attractions

HAPPY MAYFEST!



Thank you for your continued support and partnership!







Consider Approval of Letter of Support for Trinity Metro in Support of Streetcar Study to Connect Downtown Fort Worth with Panther Island and the Fort Worth Stockyards

Dan Buhman, General Manager





Consider Approval of First Amendment to TIF 9 Project Cost Funding Agreement with the City of Fort Worth

Sandy Newby, Chief Financial Officer





Consider Approval of Contract with Carollo **Engineers for Services for Integrated Water Supply Plan Update**

Rachel Ickert, Chief Water Resources Officer



Integrated Water Supply Plan Update





TARRANT REGIONAL WATER DISTRICT INTEGRATED WATER SUPPLY PLAN











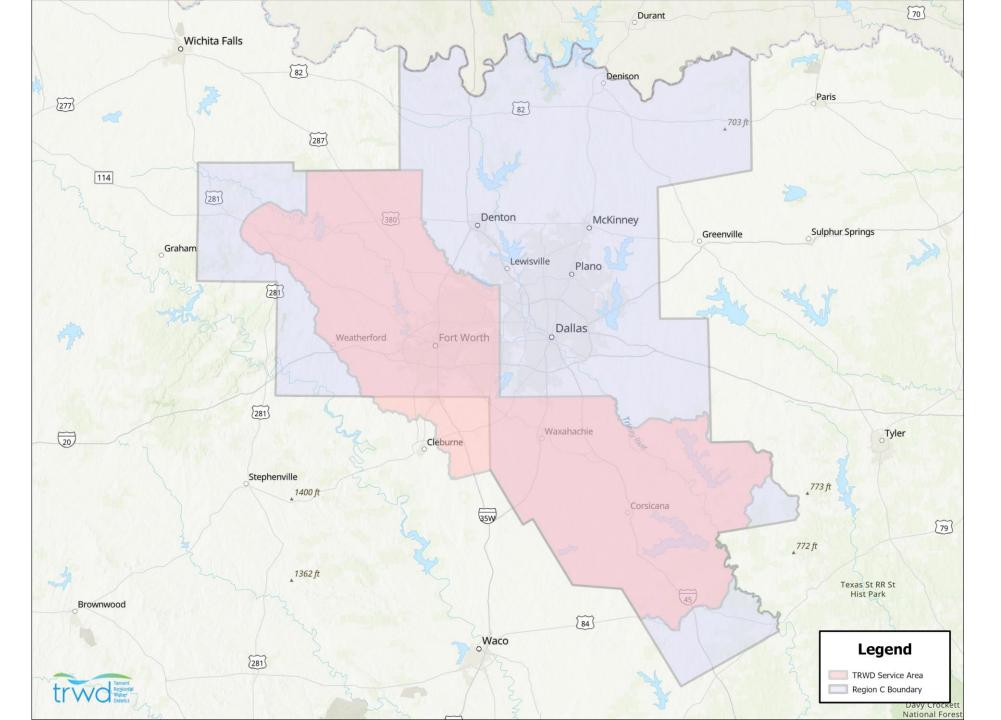
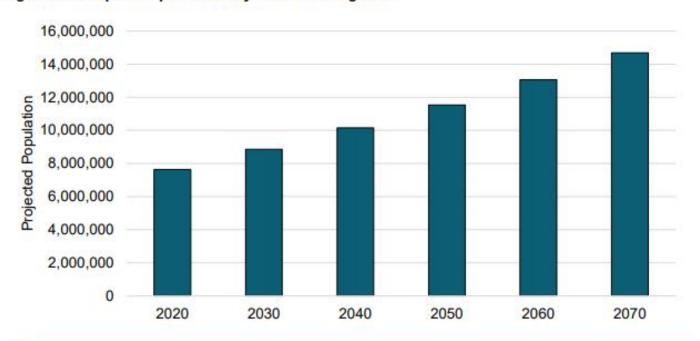
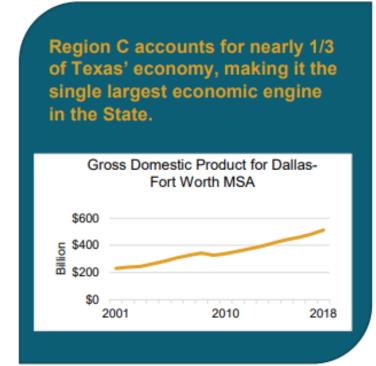


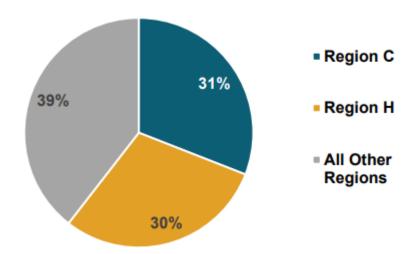
Figure 2.3 Adopted Population Projections for Region C



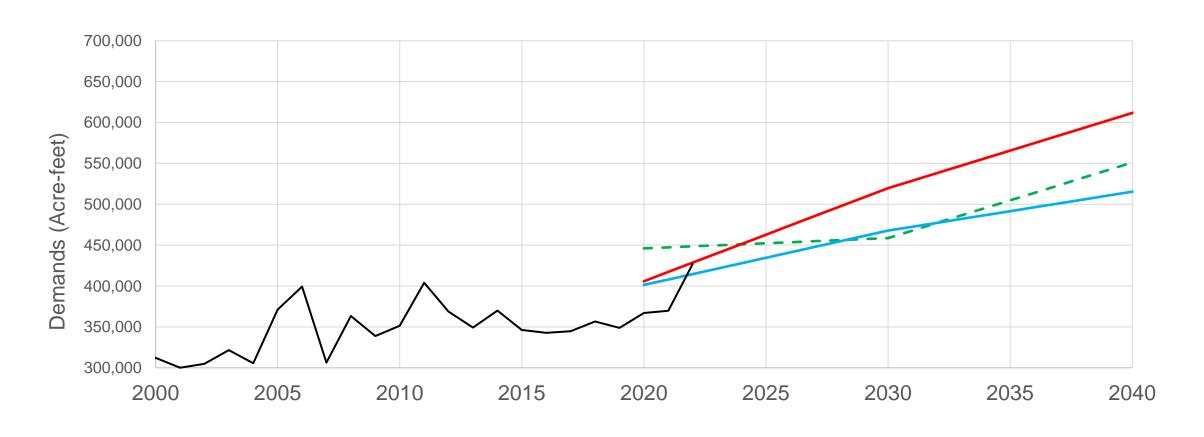
Region C's population is increasing by more than 300 people per day





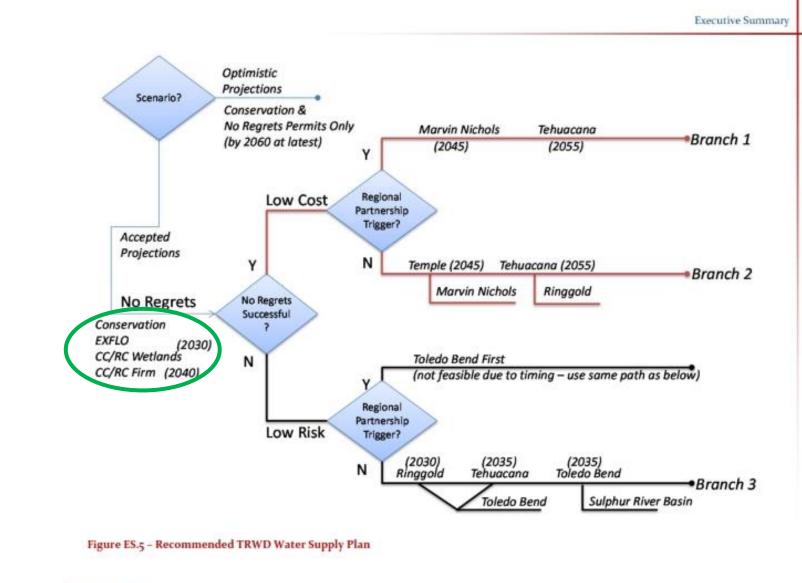


TRWD Total Usage and Projected Dry Year Demands





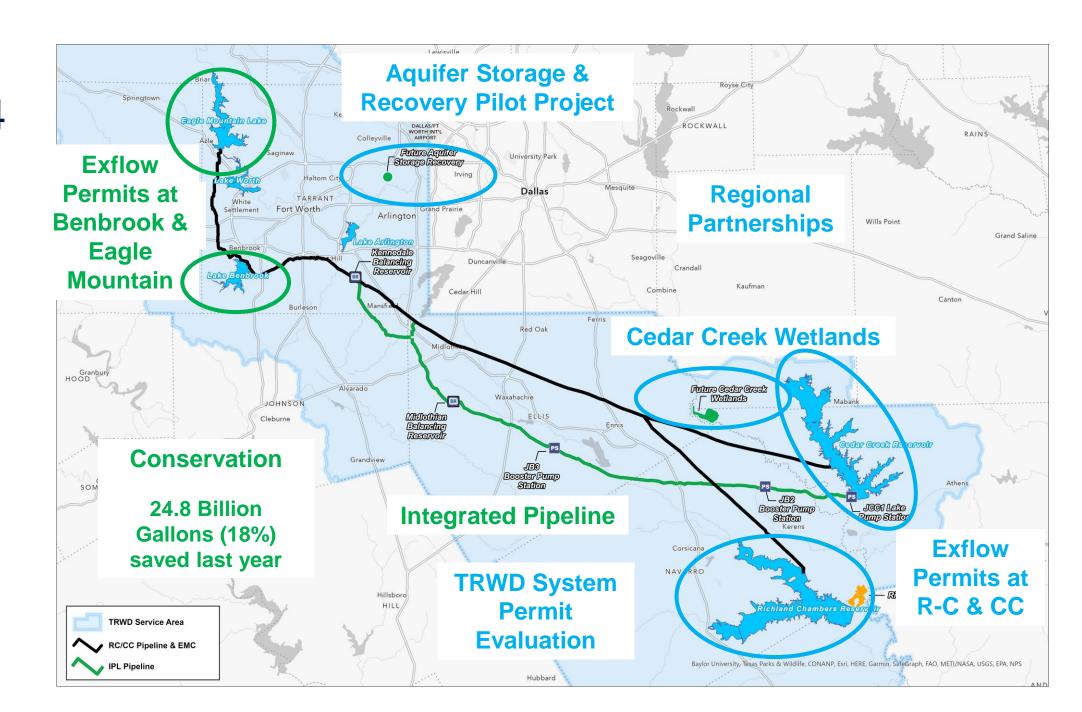
From Executive Summary of 2014 Integrated Water Supply Plan

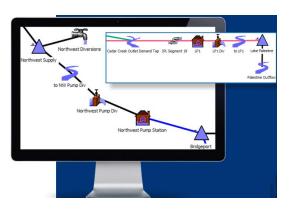




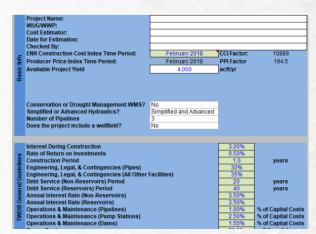


Since the 2014 Plan...

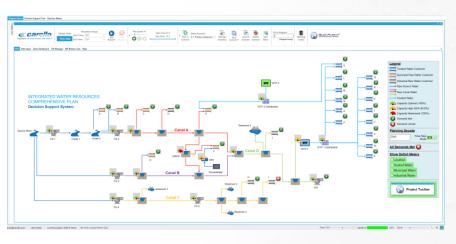




RiverWare Model



Costing Model



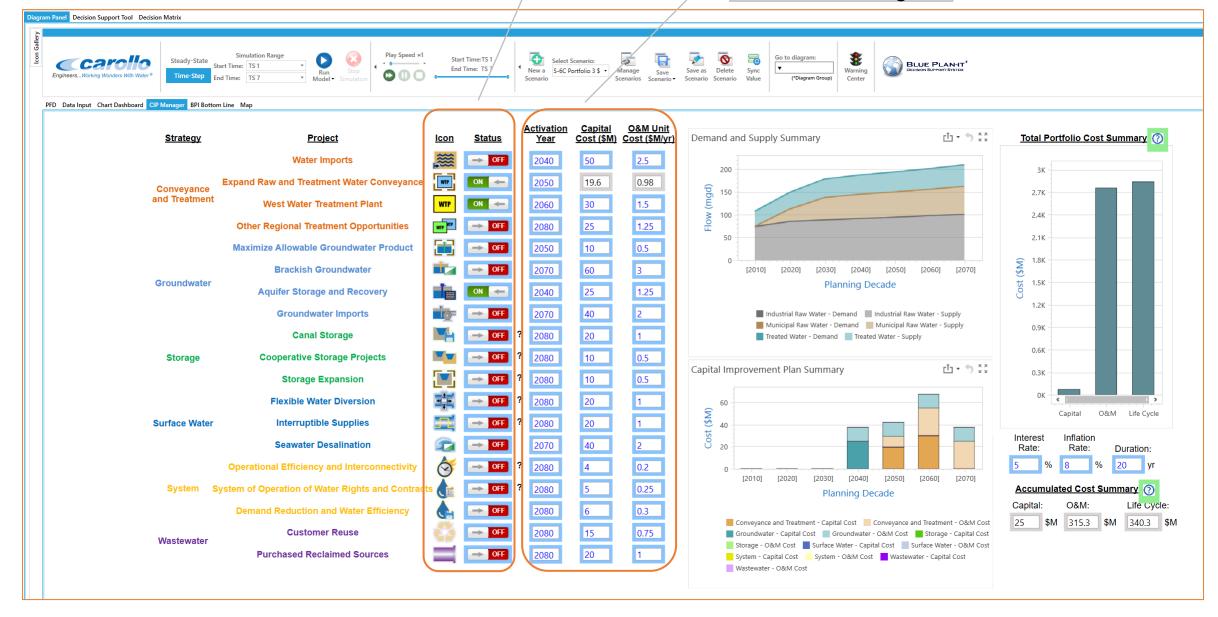
Decision Support Tool



Example Portfolio

Strategies

Cost Estimates and Phasing



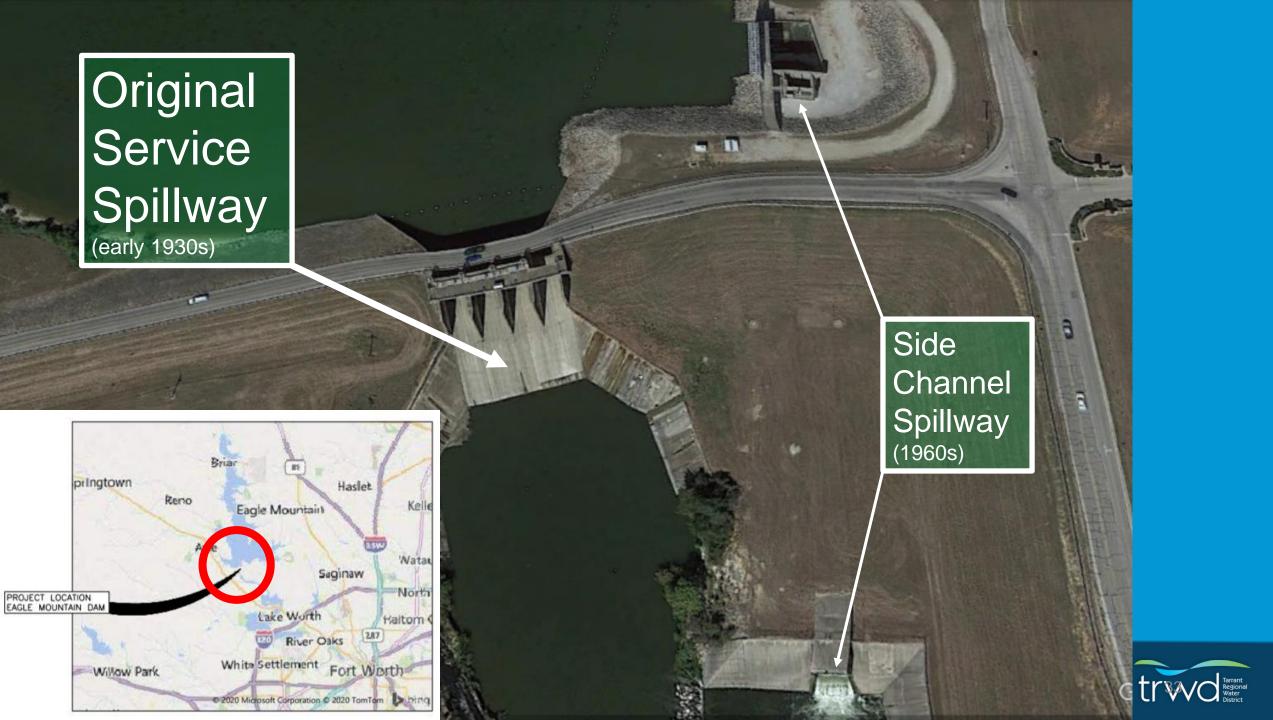


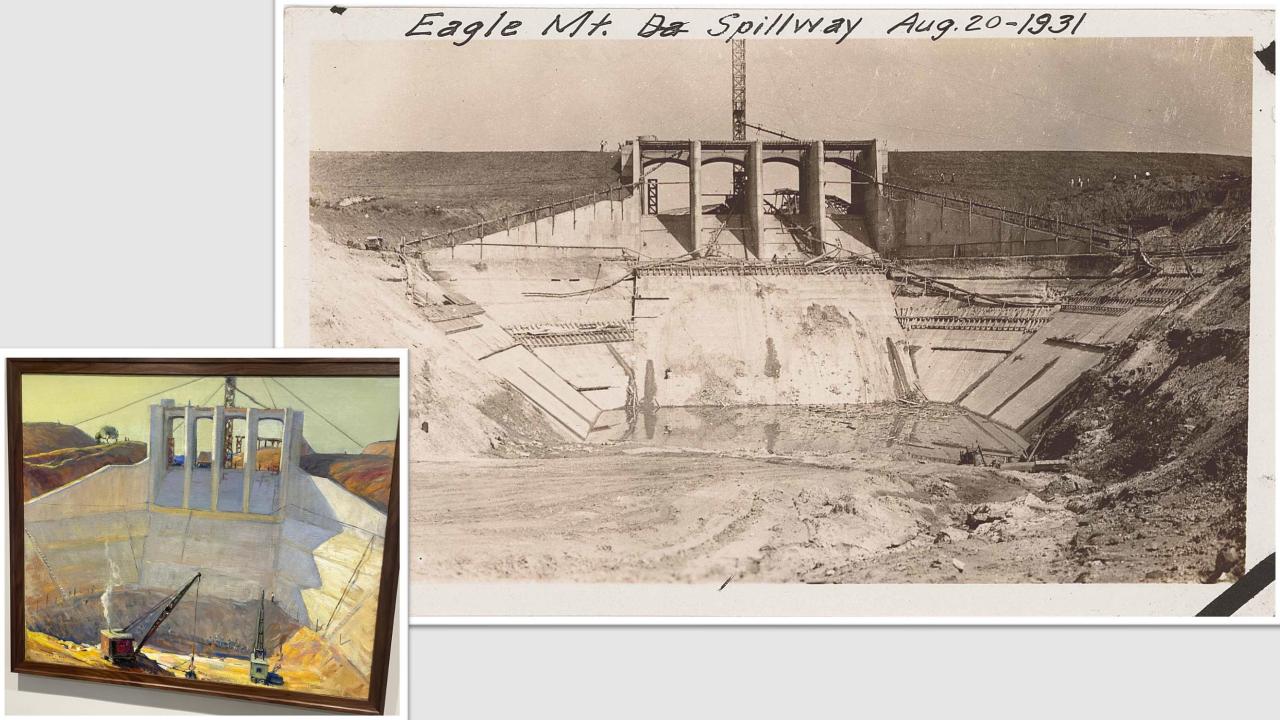


Consider Approval of Task Order with Freese and Nichols, Inc for Engineering Services for Eagle Mountain Dam - Original Spillway **Evaluation**

Jason Gehrig, Infrastructure Engineering Director



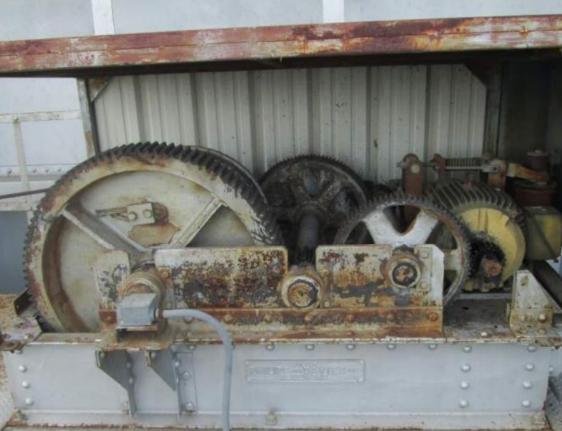






Service Spillway Evaluation

- Vertical slide gates and spillway superstructure (left)
- Gates hoist equipment (below)





Service Spillway Evaluation

Downstream face of a vertical slide gate (left)
Hoist cables for the vertical slide gates
(below)





Service Spillway Evaluation

Eagle Mountain service spillway in operation in 1990. Gates 1 through 3 (from the left) are open during flood operations. No gate exists in the fourth bay.



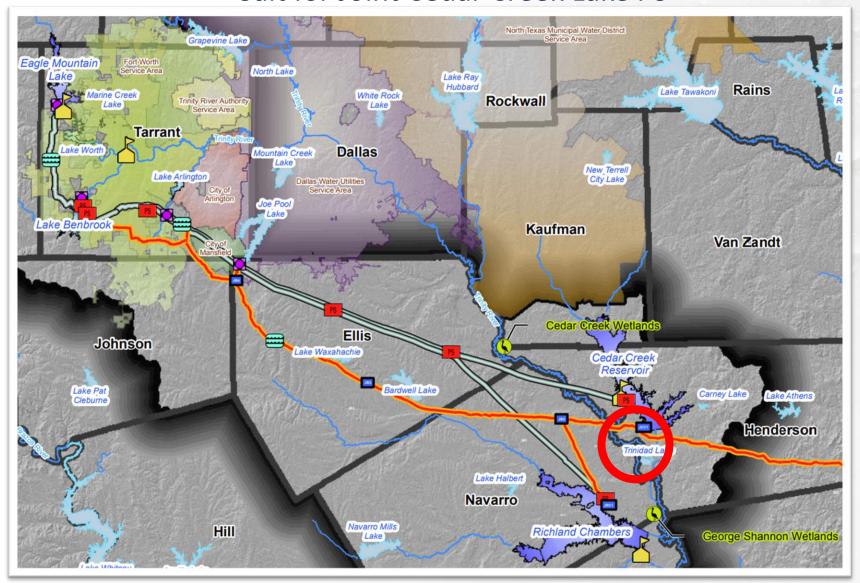
Consider Approval of Contract with Univar Solutions USA Inc. to Furnish and Deliver Salt to Joint Cedar Creek Lake Pump Station

Jason Gehrig, Infrastructure Engineering Director



Chemicals Purchase - Salt

Salt for Joint Cedar Creek Lake PS



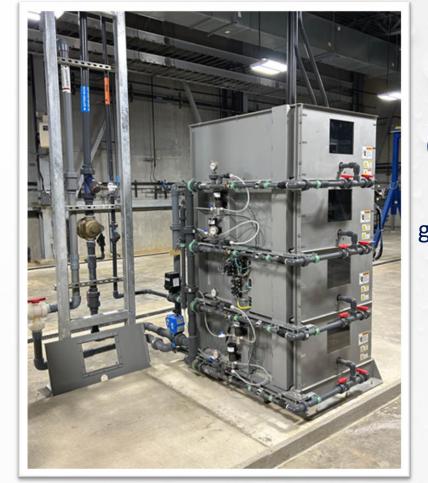


Chemicals Purchase – Salt

Salt for generating sodium hypochlorite (bleach) for the new Cedar Creek Lake PS (JCC1), used for biofilm control

Salt storage tanks





Salt
(brine solution)
used to
generate sodium
hypochlorite
(bleach)



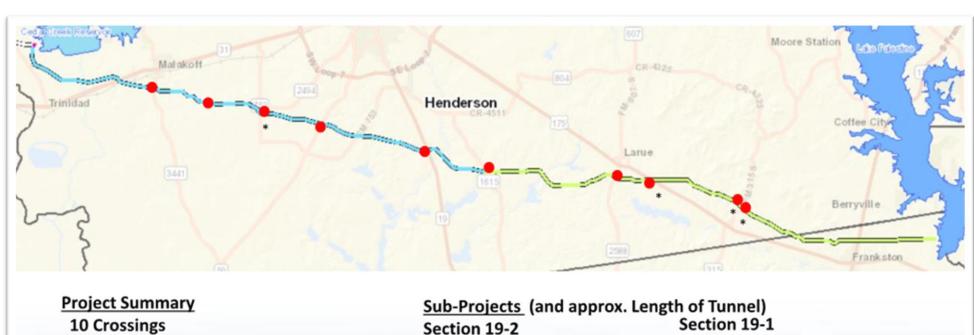


Consider Approval of Change Order with IPL Partners for Section 19 TxDOT Tunnels of **Integrated Pipeline Project**

Ed Weaver, IPL Program Manager



Phase 3 IPL Section 19 TXDOT Tunnel Crossings



Total Length - 5,412 LF

Tunnel Length - 1,989 LF

Carrier Pipe - 84" Dia.

FM2588 - 154 LF Crossroads - 90 LF US175* - 682 LF

FM2636 - 99 LF FM315* - 176 LF FM753(a)* - 230 LF

FM1305a* - 187 LF FM59 - 116 LF

SH19 - 150 LF

FM1615 - 105 LF



* - Locations with crossing variance

IPL Section 19 TXDOT Tunnel Crossings









Consider Approval of Contract with Presbyterian Night Shelter/UpSpire Program for Contract Labor Services

Darrell Beason, Chief Operations Officer

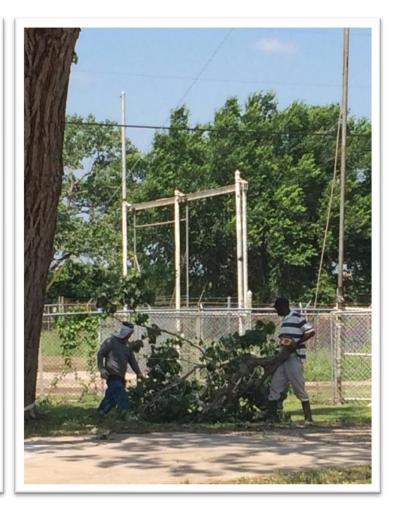




Contract Labor









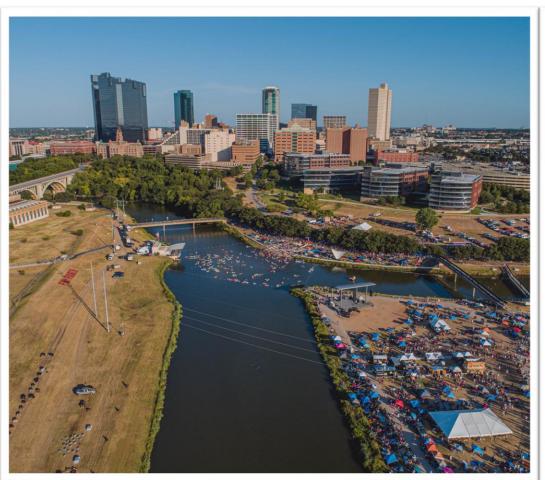


Consider Approval of Contract with CES Power for Providing Power for Fort Worth's Fourth

Darrell Beason, Chief Operations Officer



Fort Worth Fourth Power









Consider Approval of Contract Renewal with Magic in the Sky for Pyrotechnic Productions for Fort Worth's Fourth

Darrell Beason, Chief Operations Officer



Fort Worth Fourth Fireworks







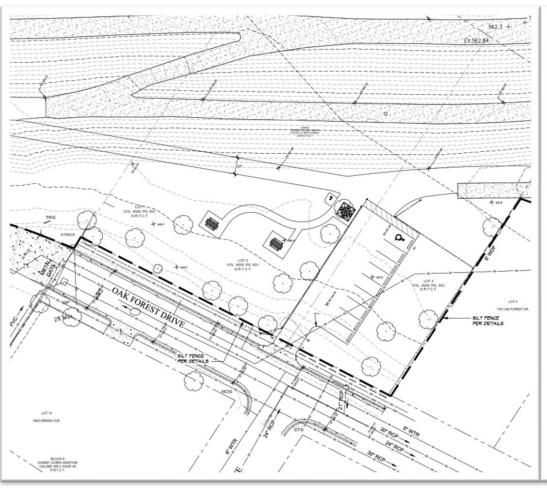


Consider Approval of Acceptance of Philanthropic Contribution for Oak Forest Trailhead

Darrell Beason, Chief Operations Officer



Donation for Oak Forest Trailhead







Staff Update

Recognition of Service

Dan Buhman, General Manager
Darrell Beason, Chief Operations Officer



Staff Update

Water Resources Update

Rachel Ickert, Chief Water Resources Officer



Percent of Normal Rainfall



LEGEND

0 - 50 %

50 - 75 %

75 - 100 %

100 - 125 %

125 - 150 %

150 - 175 %

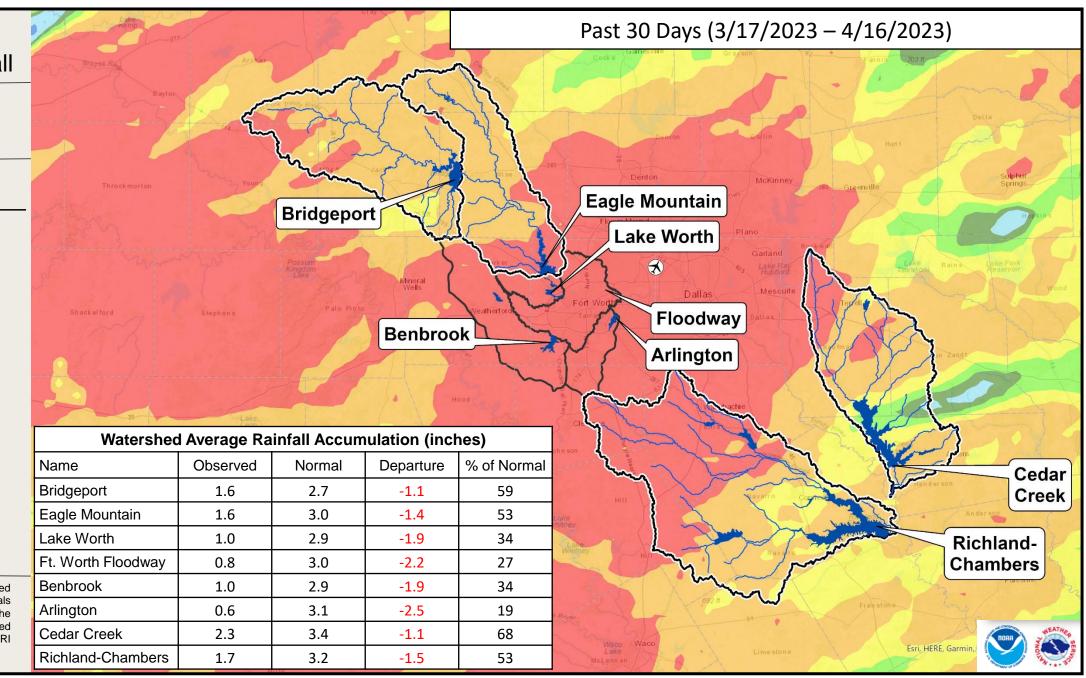
175 - 200 %

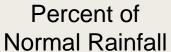
200 - 225 %

225 - 250 %

> 250%

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.







LEGEND

0 - 50 %

50 - 75 %

75 - 100 %

100 - 125 %

125 - 150 %

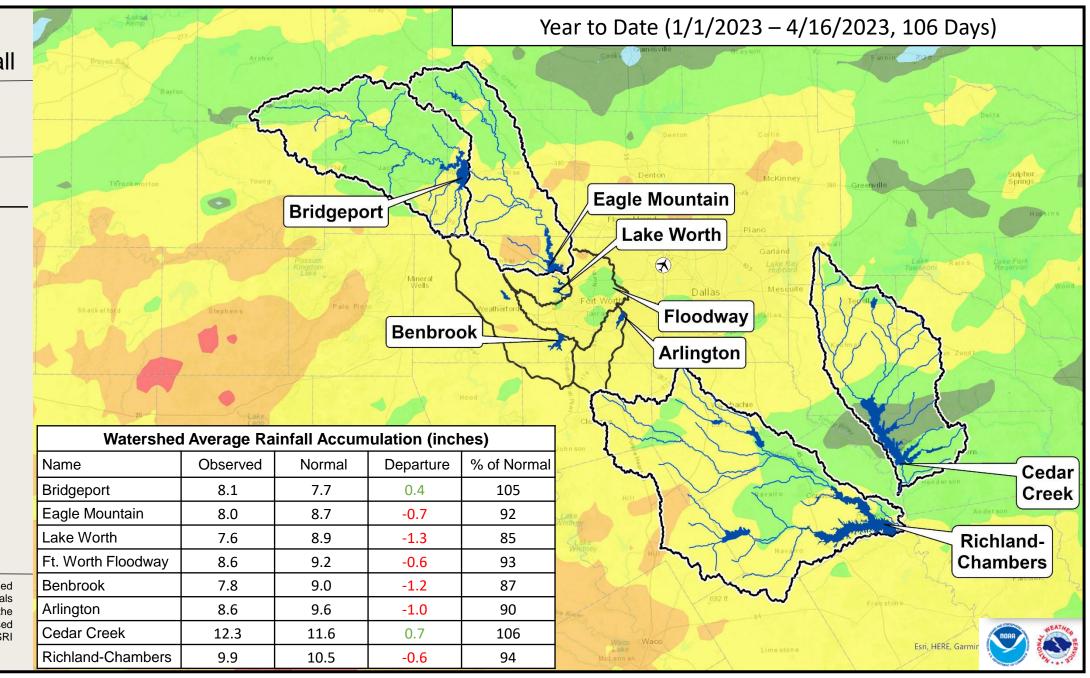
150 - 175 %

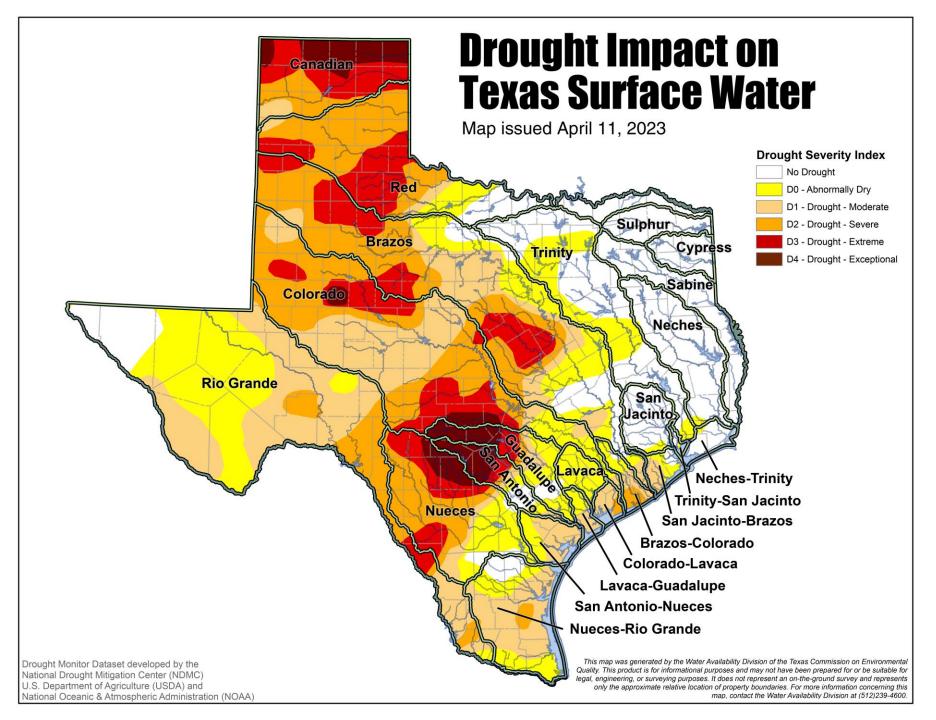
175 - 200 %

200 - 225 %

> 250%

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.





April 11, 2023

(Released Thursday, Apr. 13, 2023)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	22.13	77.87	58.63	37.64	16.24	4.07
Last Week 04-04-2023	19.10	80.90	66.89	45.25	18.98	4. 19
3 Month's Ago 01-10-2023	26.83	73.17	51.66	27.31	7.70	1.80
Start of Calendar Year 01-03-2023	28.84	71.16	49.90	26.60	7.41	1.60
Start of Water Year 09-27-2022	14.96	85.04	61.36	31.61	8.82	1.06
One Year Ago 04-12-2022	2.87	97.13	87.66	74.12	49.11	14.20

Intensity:

None D2 Severe Drought
D0 Abnormally Dry D3 Extreme Drought
D1 Moderate Drought D4 Exceptional Drought

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:

David Simeral Western Regional Climate Center

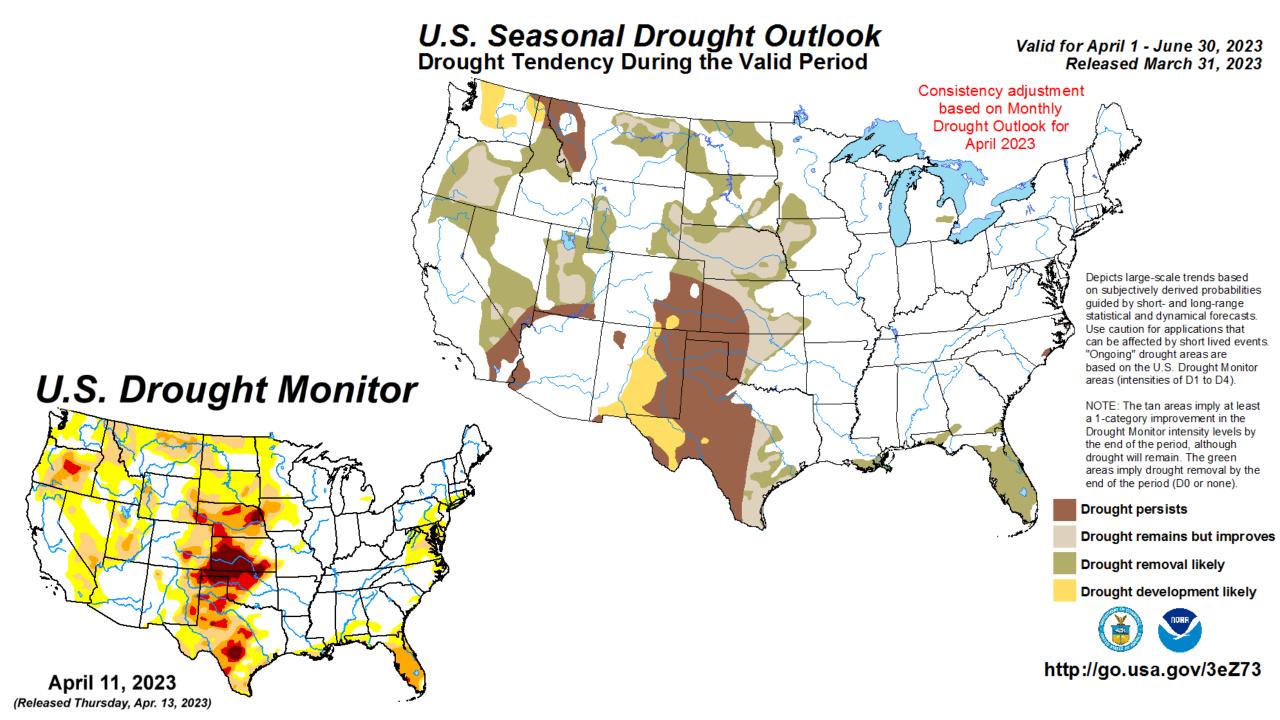




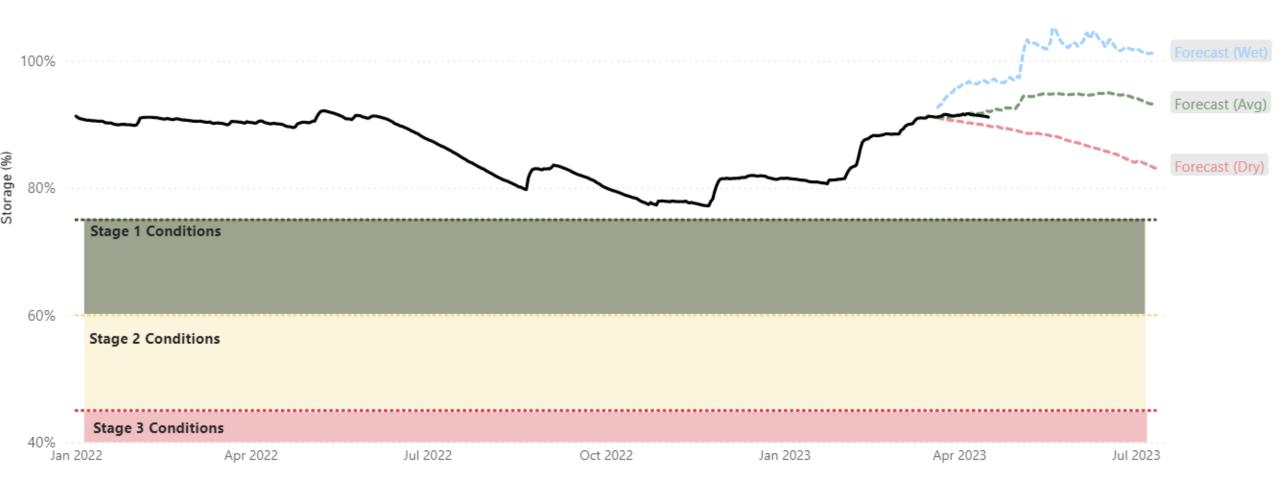


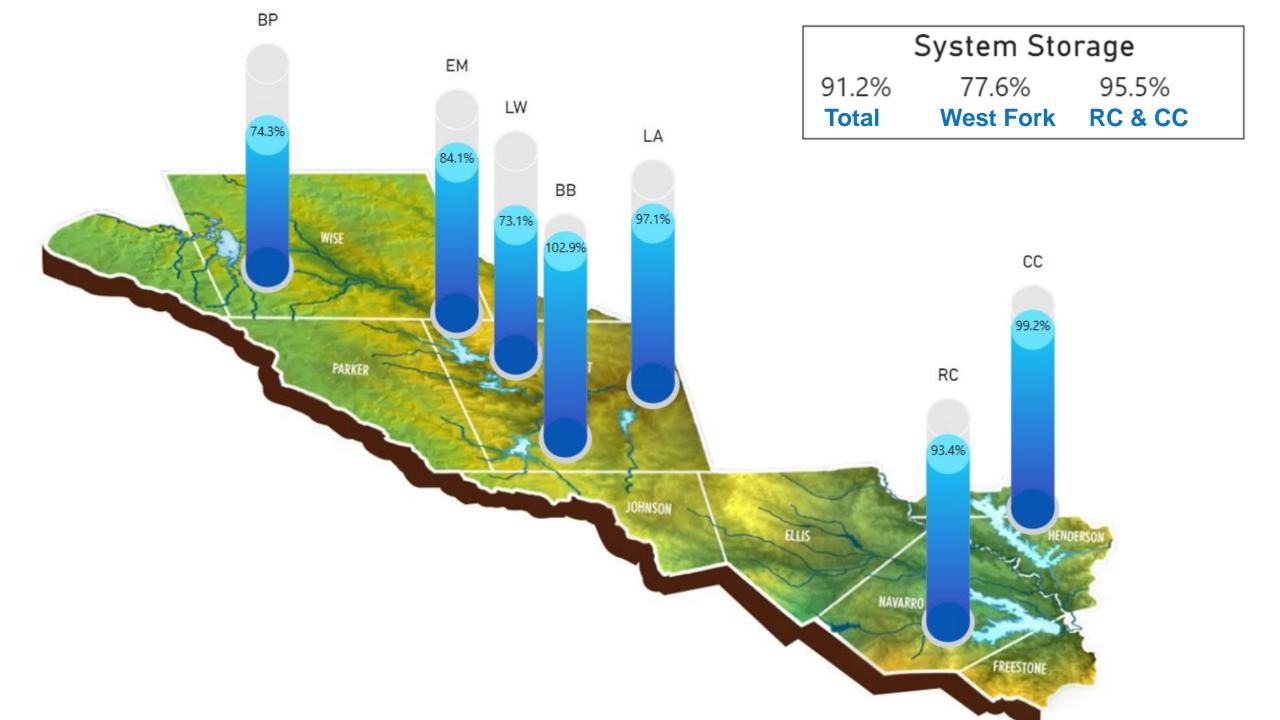


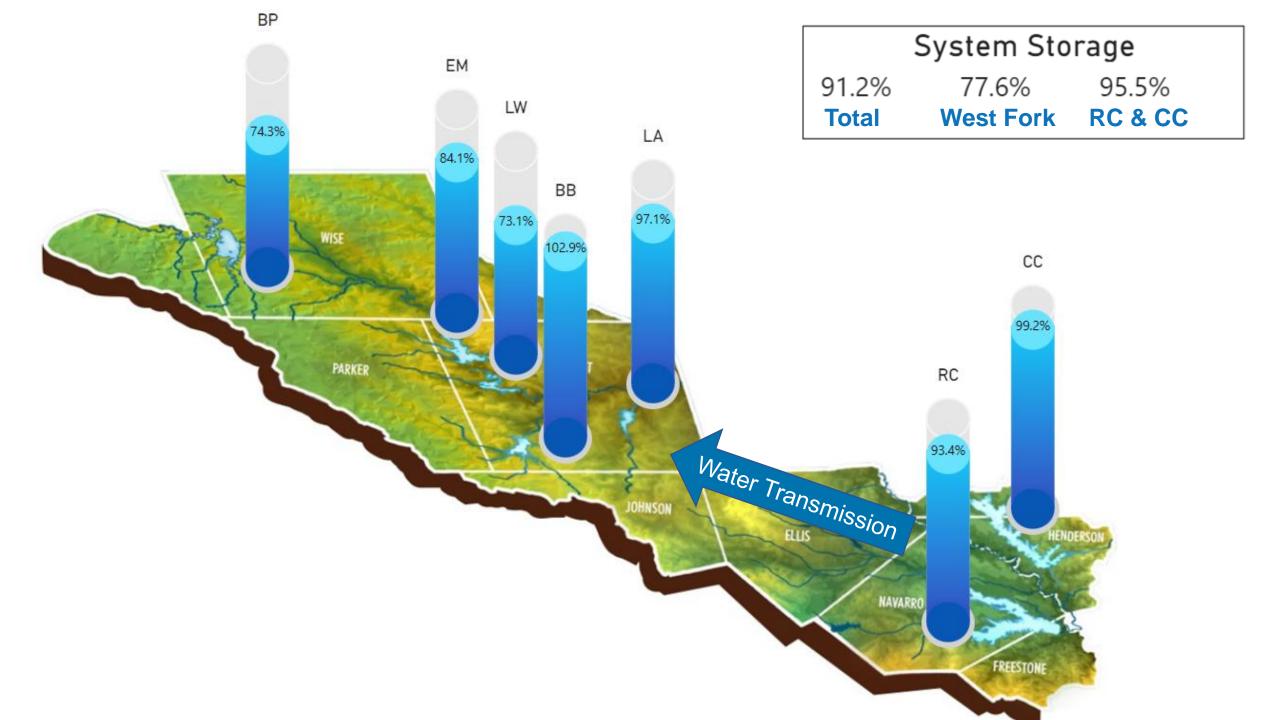
droughtmonitor.unl.edu



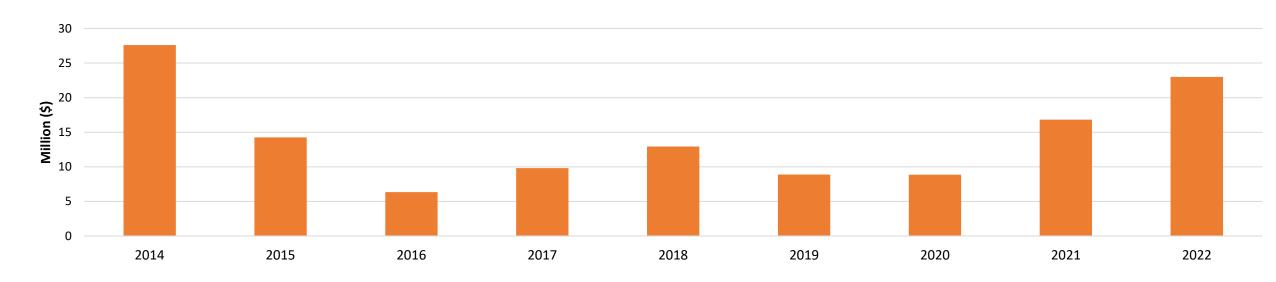
Historic and Projected Total Water Supply Storage



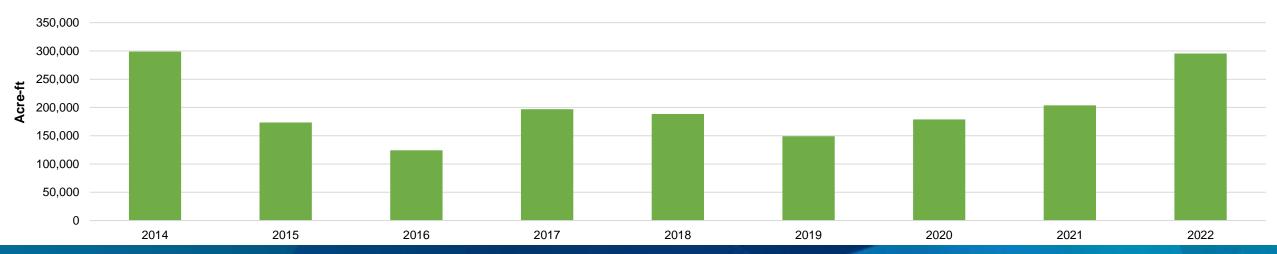




Annual Electricity Cost 2014 – 2022



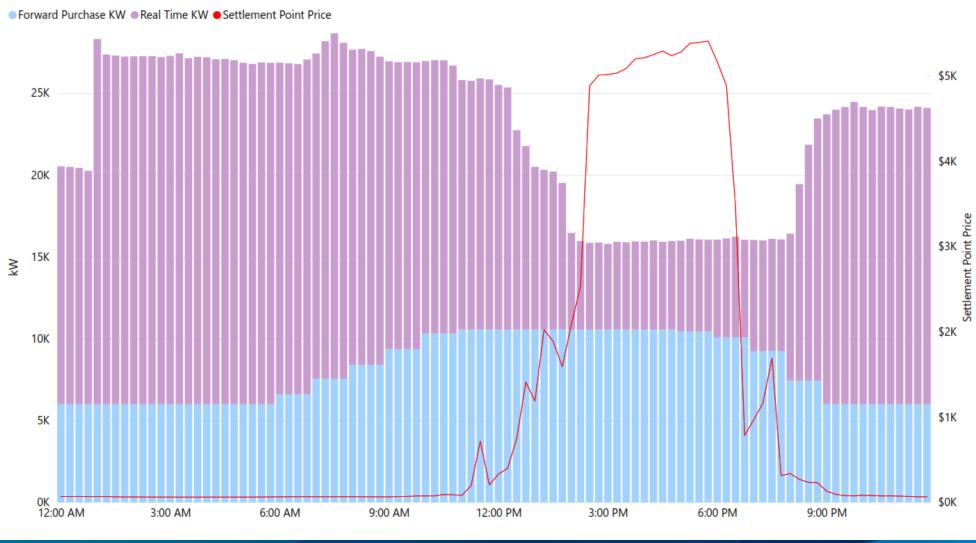
Volume Pumped from Richland-Chambers & Cedar Creek





Major Price Spike Response – July 13, 2022

Daily Avg Purchased and Exposed Load

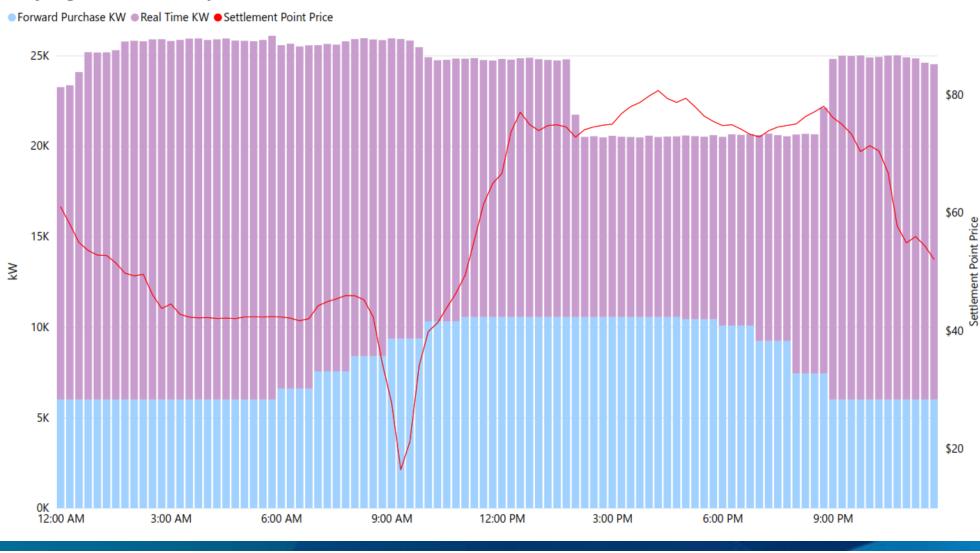


\$197,000 Afternoon Savings



4CP Response – July 23, 2022

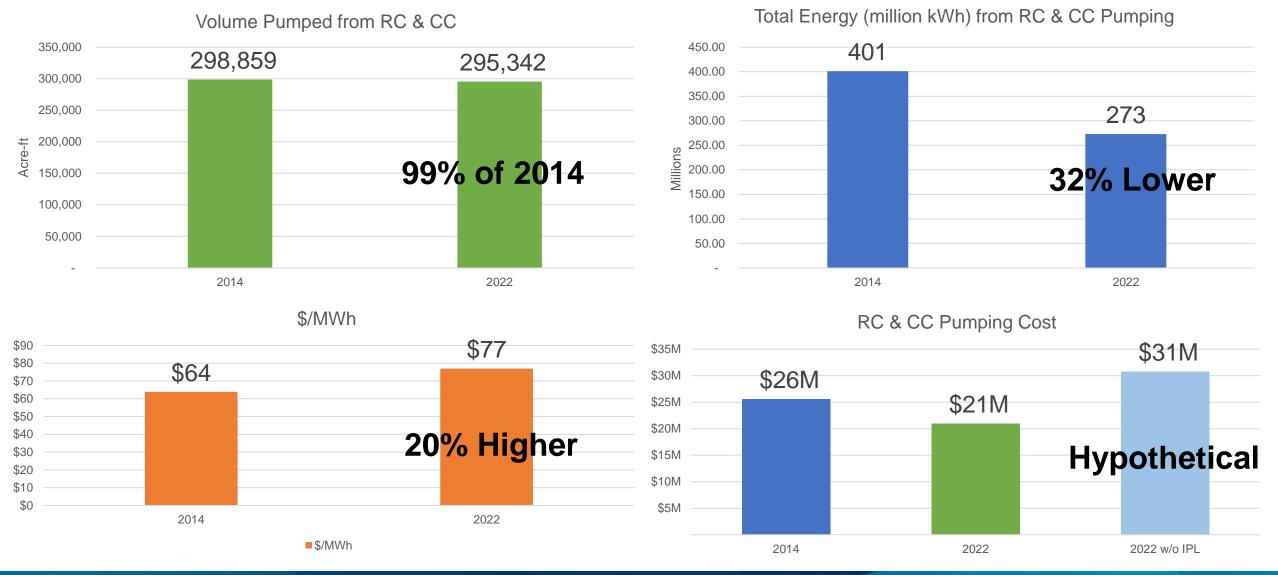
Daily Avg Purchased and Exposed Load



\$726,000 Annual Savings

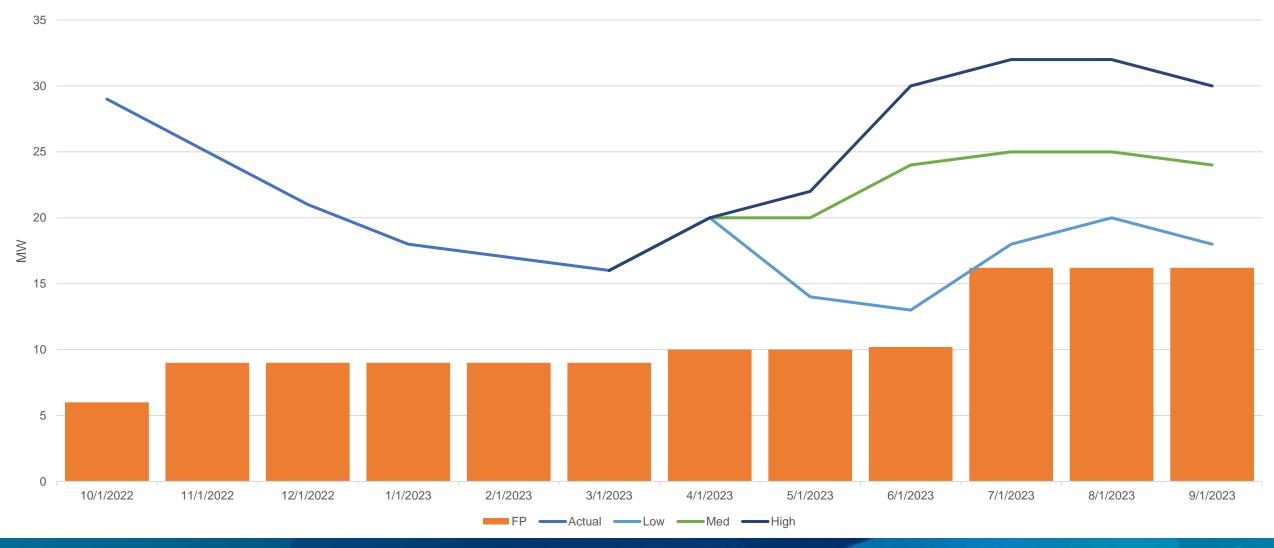


Richland-Chambers & Cedar Creek Pumping and Electricity



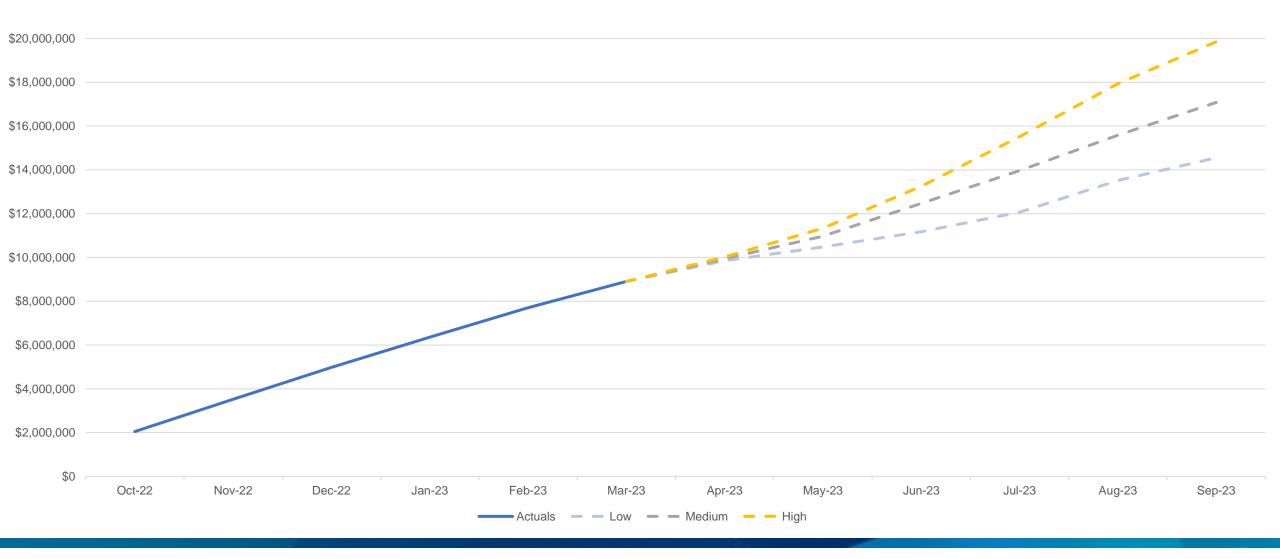


FY 2023 Forward Purchase and Forecast Load





FY 2023 Actuals and Forecast







Executive Session





Consider Approval of Authorization to Acquire Real Property by Purchase for the Cedar Creek Wetland Project

Steve Christian, Real Property Director







Consider Approval of Sale of Encroachment Below Elevation 325' Mean Sea Level at Cedar Creek Lake, being 120 square feet of land, more or less, situated in the R.R Jones Survey, Abstract Number 404, Henderson County, Texas

Steve Christian, Real Property Director





Consider Approval of Assignment of Agreement to Exchange Real Property

Stephen Tatum, General Counsel





Future Agenda Items







Next Board Meeting May 16, 2023 at 9:00 AM







Adjourn



