

BOARD OF DIRECTORS MEETING

February 21, 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 Meetings Held on January 12, 2023, and January 17, 2023





4

Consider Approval of Consent Agenda





5

Discussion of TRWD Strategic Plan

Dan Buhman, *General Manager*



6

Consider Approval of Revisions and Additions to Board Governance and Purchasing Policies

Stephen Tatum, *General Counsel*

7

Consider Approval of Interlocal Agreement Between TRWD and the City of Fort Worth Regarding Funding for Panther Island Development Consultant

Stephen Tatum, *General Counsel*

8

Consider Approval of Resolution to Preserve the Water Quality and Open Space Benefits of a 6.5 Acre Parcel Owned by the District in the Benbrook Watershed

Darrel Andrews, Assistant Environmental Director

9

Consider Approval of Agreement with RO Two Media, LLC for Media Purchase Services for the Regional Water Conservation Public Awareness Campaign

Linda Christie, *Government Affairs Director*

10

Consider Approval of Agreement with Glass House Strategy for Creative Professional Services for the Regional Water Conservation Public Awareness Campaign

Linda Christie, *Government Affairs Director*



11

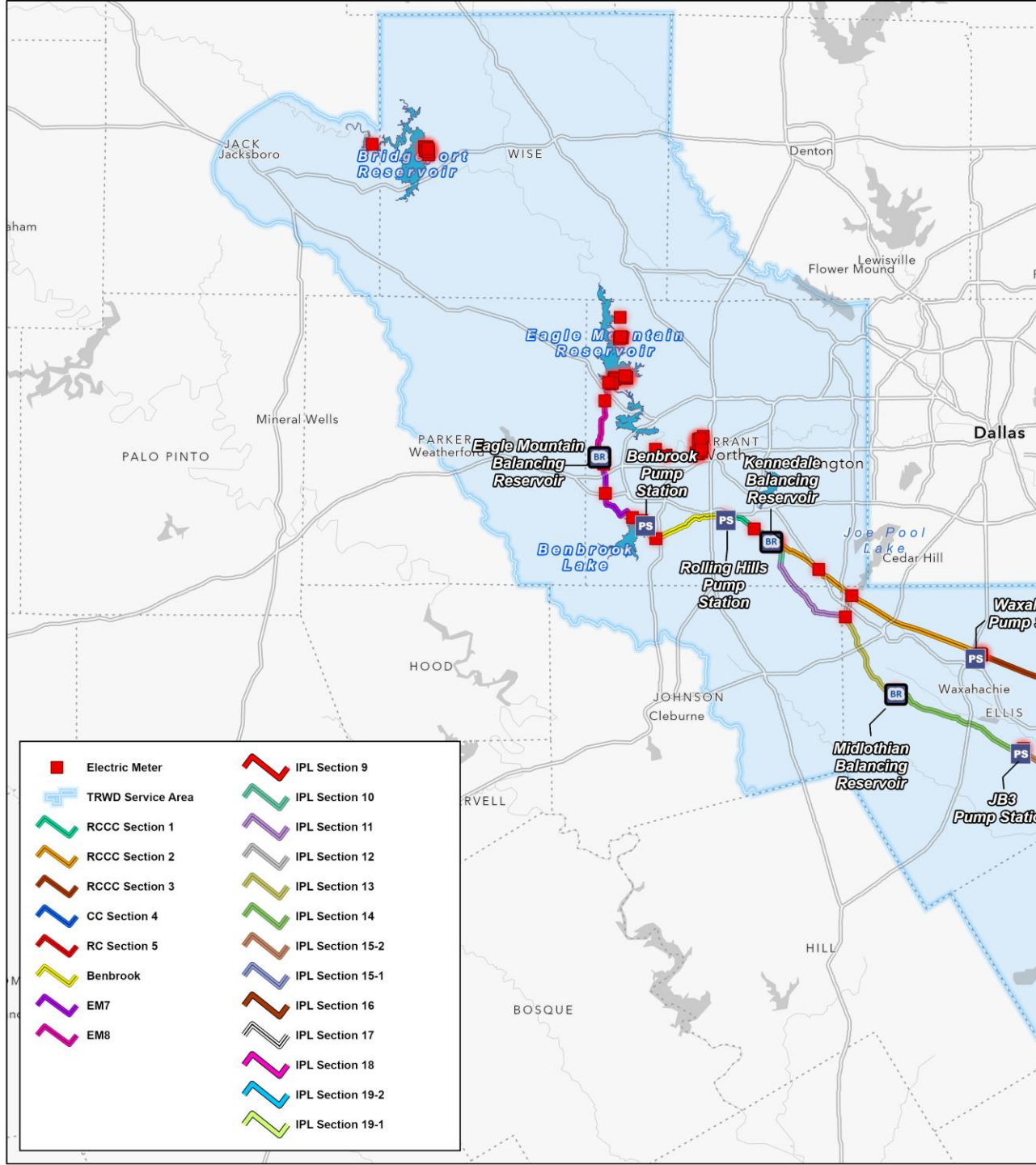
Consider Approval of Issuance of Letter Supporting the Application of TTI, Inc to be a Foreign Trade Zone at its Facility in the Alliance Corridor

Linda Christie, *Government Affairs Director*

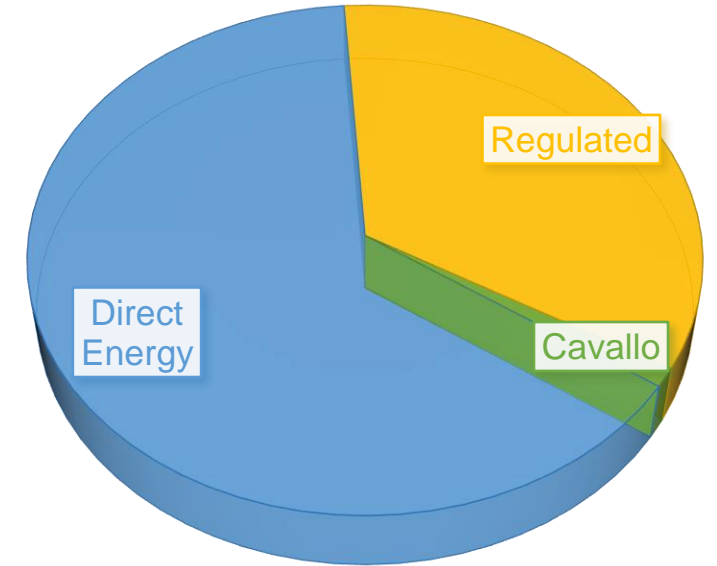
12

Consider Approval of Transfer of Retail Electric Service at 86 locations from Cavallo Energy to Direct Energy Business

Zachary Huff, Water Resources Engineering Director



TOTAL ENERGY CONSUMED 2022 (KWH)



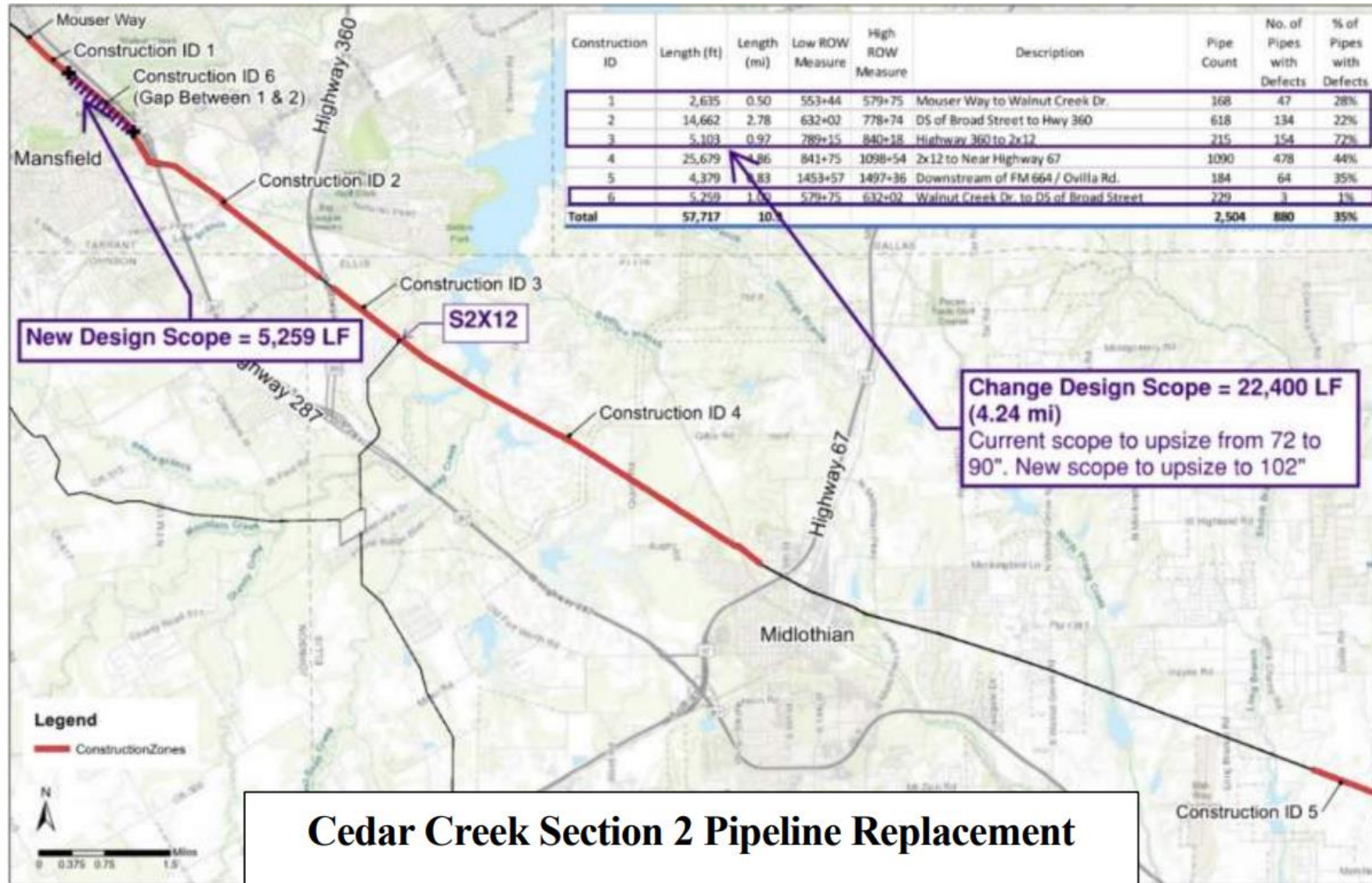
Electric Meter	IPL Section 9
TRWD Service Area	IPL Section 10
RCCC Section 1	IPL Section 11
RCCC Section 2	IPL Section 12
RCCC Section 3	IPL Section 13
CC Section 4	IPL Section 14
RC Section 5	IPL Section 15-2
Benbrook	IPL Section 15-1
EM7	IPL Section 16
EM8	IPL Section 17
	IPL Section 18
	IPL Section 19-2
	IPL Section 19-1

13

Consider Approval of an Amendment with Black & Veatch Corporation for Additional Engineering Design Services for the Cedar Creek Pipeline Replacement Project in the Mansfield to Waxahachie Area

Jason Gehrig, *Infrastructure Engineering Director*

Cedar Creek Pipeline Replacement Project Area



Additional Design Scope:

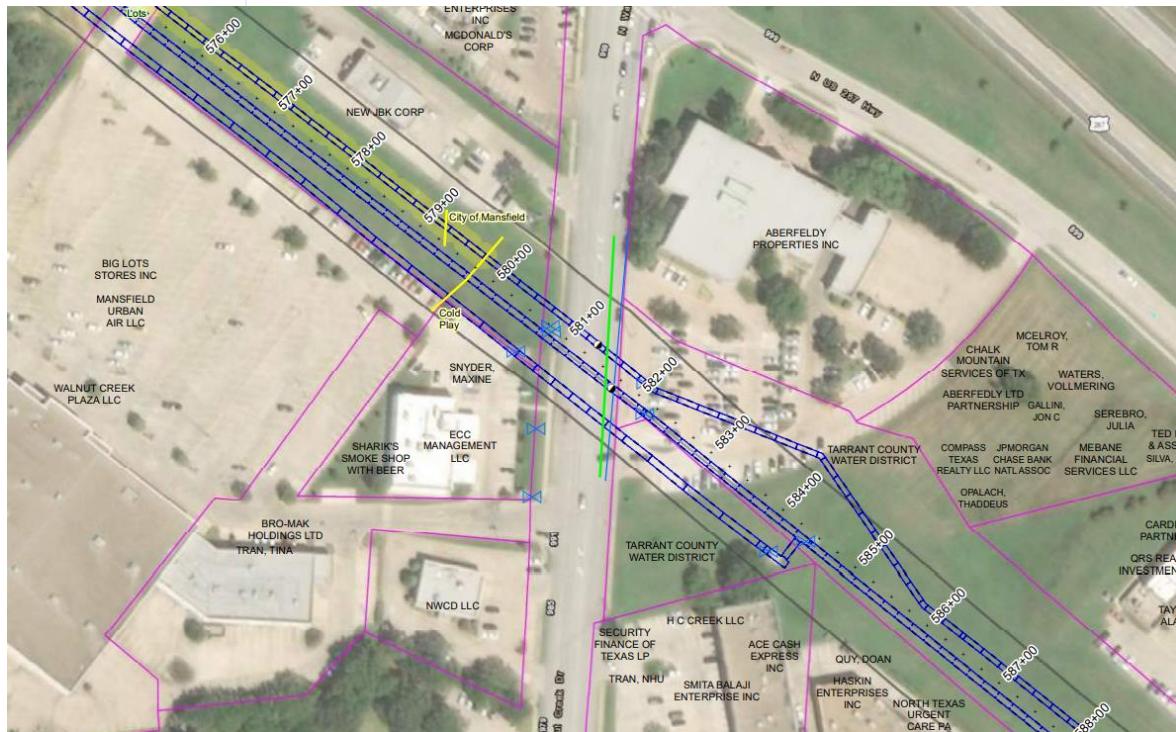
- 4.2 miles of upsizing to 102"
- 1 additional mile of pipe to be replaced

Benefit:

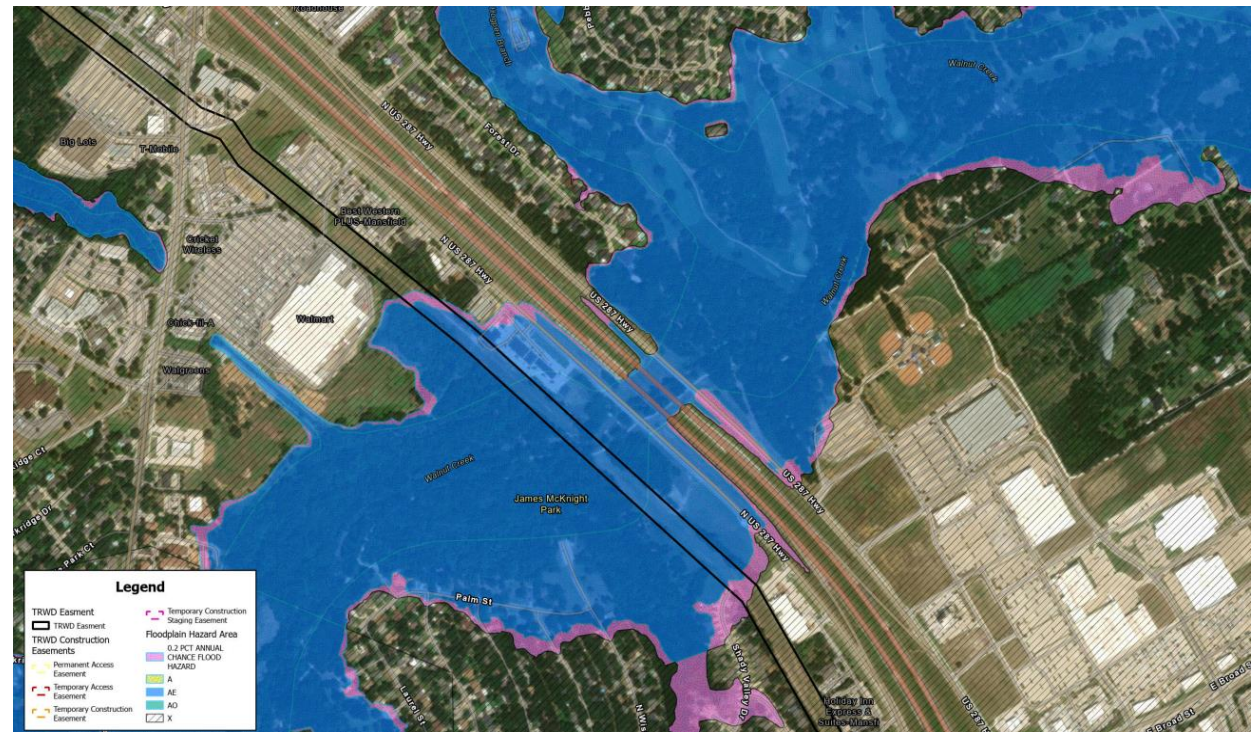
- 15 to 30+ mgd of additional flow capacity

Design Challenges Located in Additional Mile of CC Pipe

Walnut Creek Drive



Walnut Creek Crossing

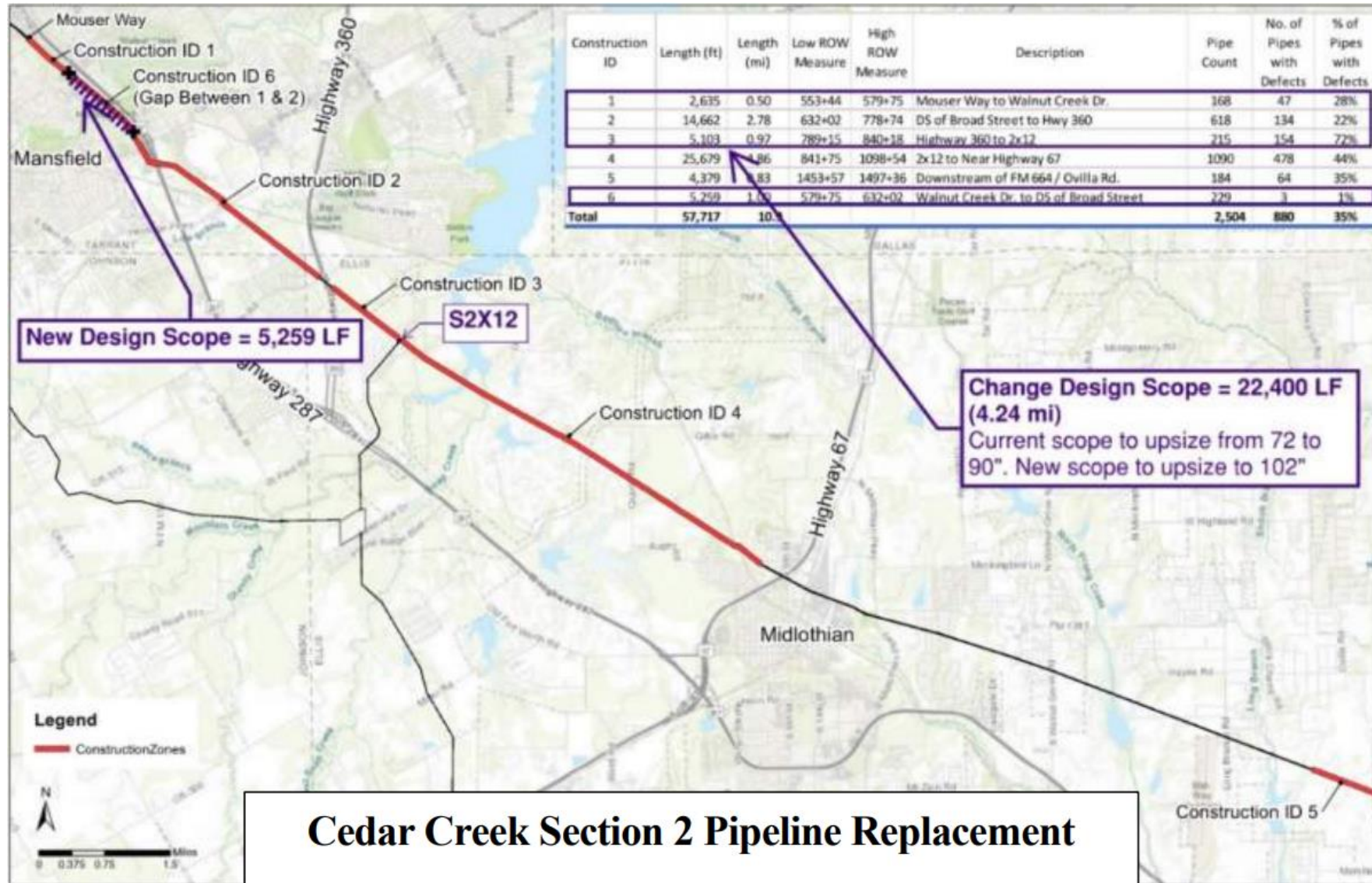


14

Consider Approval of Amendment with HDR Engineering, Inc. for Additional Corrosion Control Engineering Services for the Cedar Creek Section 2 Pipeline Replacement Project in the Mansfield to Waxahachie Area

Jason Gehrig, *Infrastructure Engineering Director*

Cedar Creek Pipeline Replacement Project Area



Additional Design Scope:

- 4.2 miles of upsizing to 102"
- 1 additional mile of pipe to be replaced

Benefit:

- 15 to 30+ mgd of additional flow capacity

Cedar Creek Section 2 Pipeline Replacement

Cathodic Protection – Key to Protecting Pipes from Corrosion



Cathodic Protection Equipment

Test Station



Soil Survey



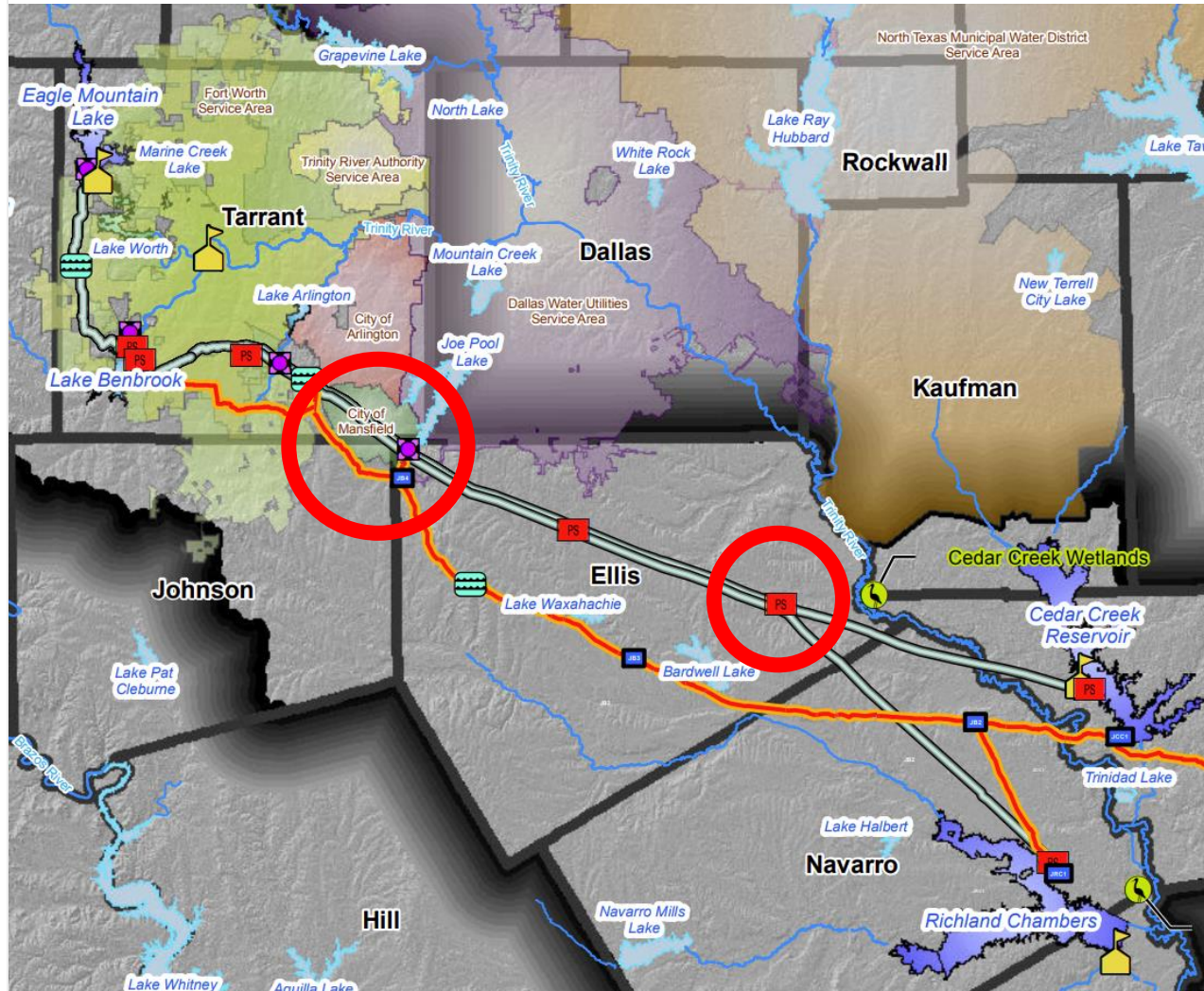
15

Consider Approval of Contract with Crispin Valve for Manufacturing and Delivery of Six Large Diameter Butterfly Valves for the Cedar Creek and Richland-Chambers Pipelines

Jason Gehrig, *Infrastructure Engineering Director*



Pre-Purchase Six Large Diameter (90" and 102") Butterfly Valves

WATER SUPPLY · FLOOD PROTECTION · RECREATION



K-FLO Valves

C-504 Butterfly Valve Submittal Data Packet



600 FOWLER AVE., BERWICK, PA 18603 • T: (570) 752-4524 F: (570) 752-4962 • E: SALES@CRISPINVALVE.COM

16

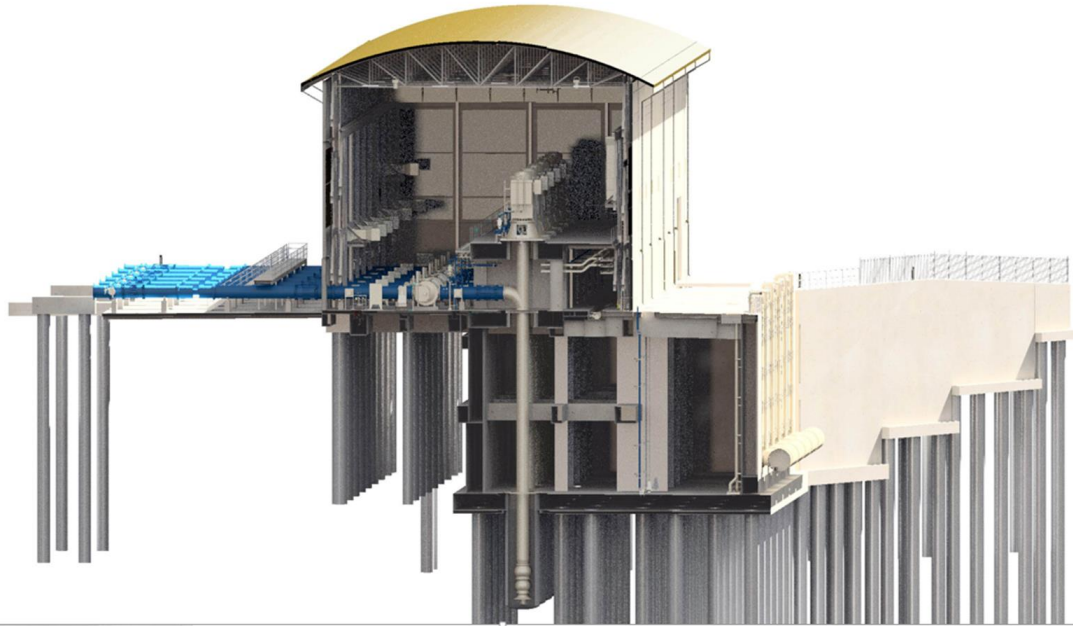
Consider Approval of Release of Retainage, Final Payment and Contract Closeout with BAR Constructors, Inc. for JCC1 Package 2 Pump Station and Chemical Feed Facilities Project of the Integrated Pipeline Project

Ed Weaver, IPL Program Manager

Integrated Pipeline Joint Cedar Creek Lake Pump Station



Integrated Pipeline Joint Cedar Creek Lake Pump Station



Integrated Pipeline Cedar Creek Lake Pump Station – 138 kV x 4 kV Sub-Station



Integrated Pipeline Cedar Creek Lake Pump Station – Chemical Storage Facility

WATER SUPPLY · FLOOD PROTECTION · RECREATION



Integrated Pipeline Cedar Creek Lake Pump Station On-Site Sodium Hypochlorite Generators



Integrated Pipeline Cedar Creek Lake Pump Station





17

Consider Approval of Contract with Dunaway Associates, L.P. for Recreation Master Plan

Darrell Beason, *Chief Operations Officer*

Recreation Master Plan

WATER SUPPLY · FLOOD PROTECTION · RECREATION



Staff Update

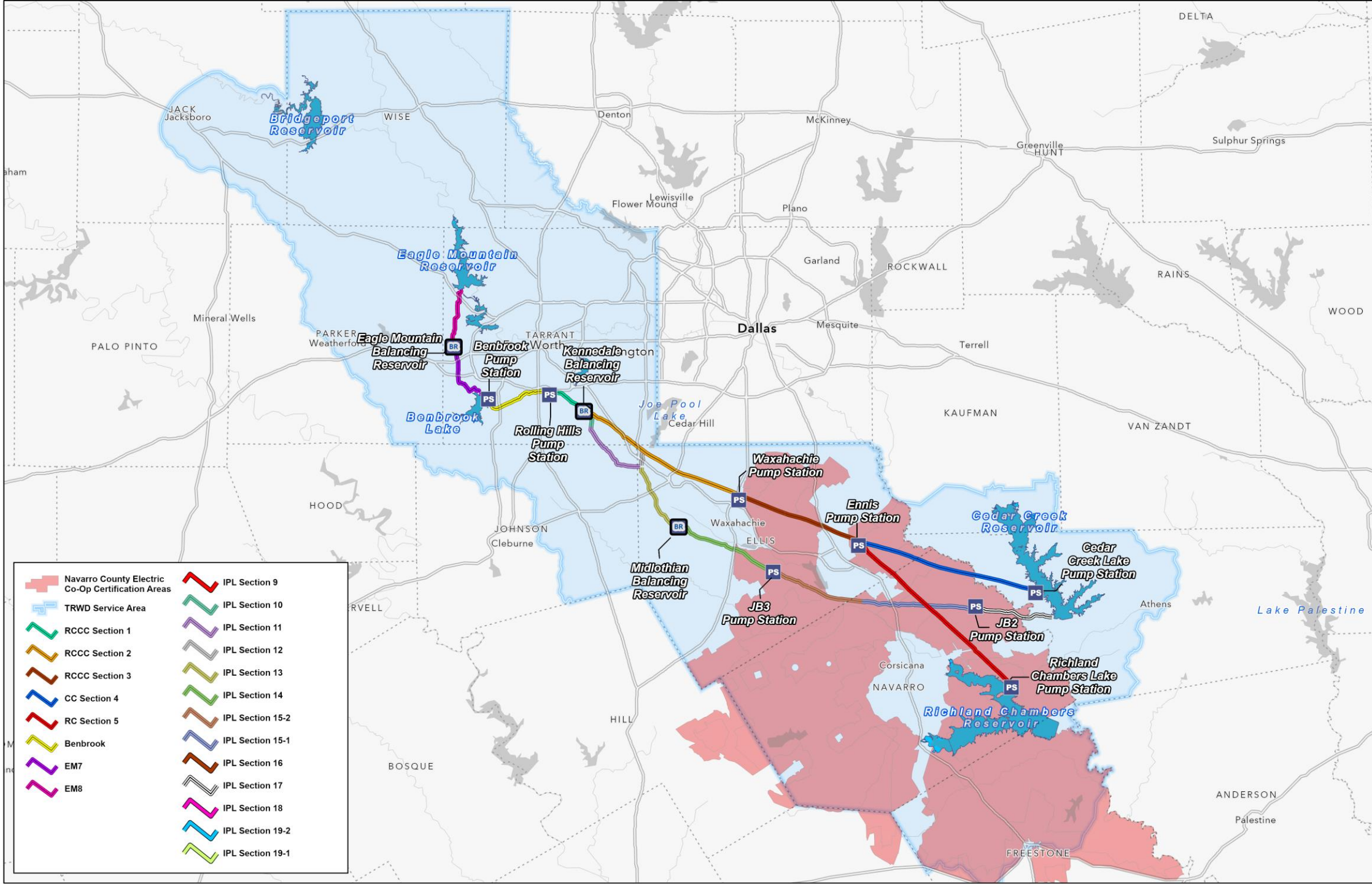
Fleet Update

Darrell Beason, *Chief Operations Officer*

Staff Update

Navarro County Electric Co-Op for Wholesale Power Service Update

Stephen Tatum, *General Counsel*



Staff Update

Water Resources Update

Rachel Ickert, *Chief Water Resources Officer*

Percent of Normal Rainfall

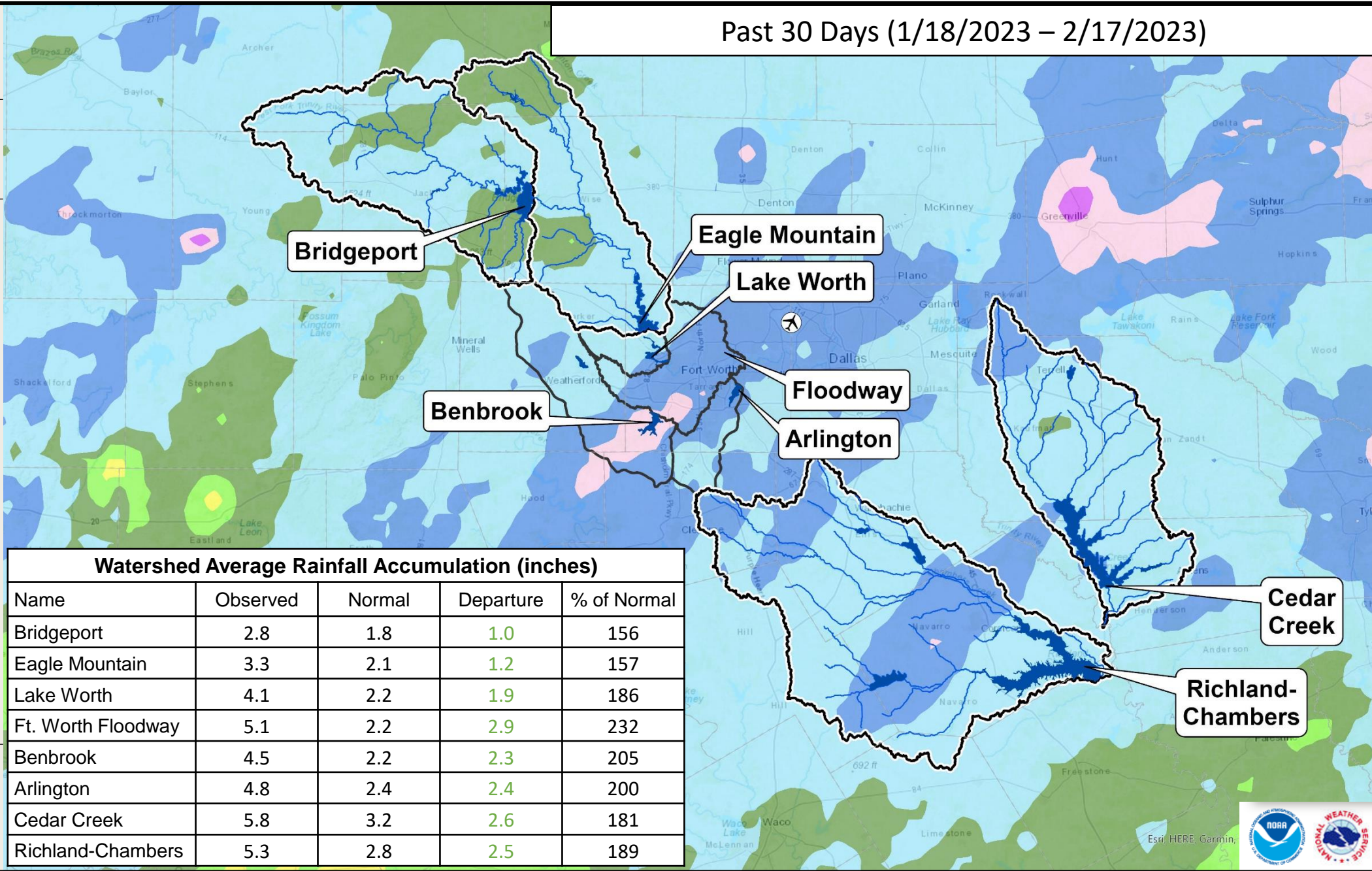


LEGEND

- 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.

Past 30 Days (1/18/2023 – 2/17/2023)



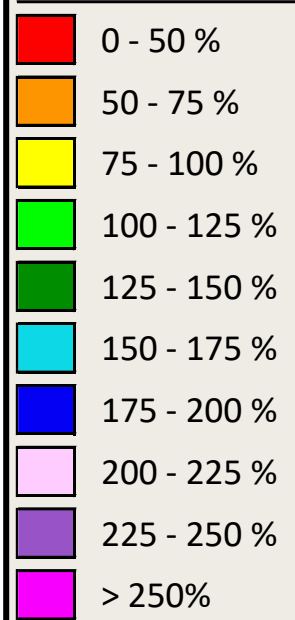
Watershed Average Rainfall Accumulation (inches)				
Name	Observed	Normal	Departure	% of Normal
Bridgeport	2.8	1.8	1.0	156
Eagle Mountain	3.3	2.1	1.2	157
Lake Worth	4.1	2.2	1.9	186
Ft. Worth Floodway	5.1	2.2	2.9	232
Benbrook	4.5	2.2	2.3	205
Arlington	4.8	2.4	2.4	200
Cedar Creek	5.8	3.2	2.6	181
Richland-Chambers	5.3	2.8	2.5	189



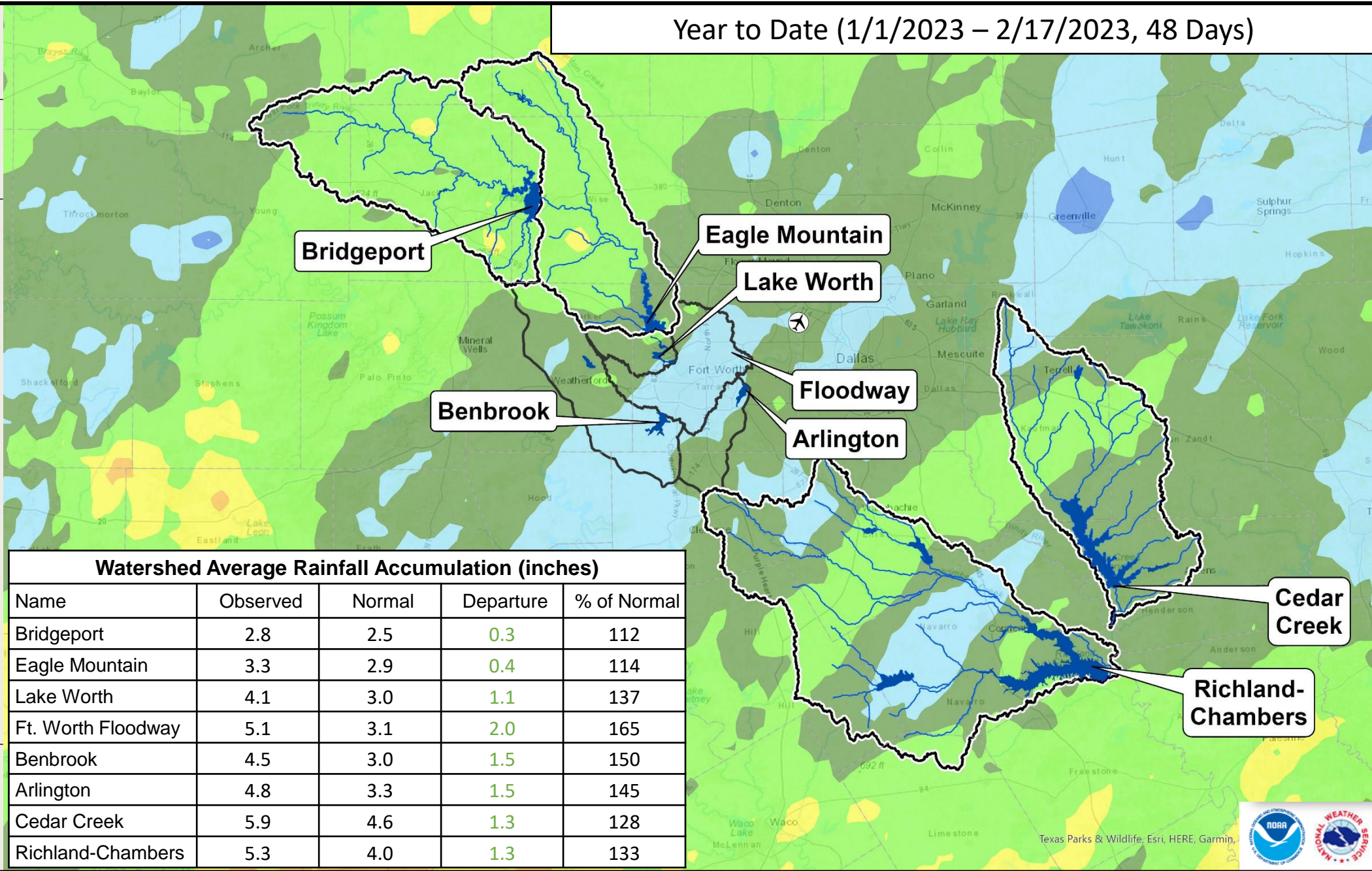
Percent of Normal Rainfall



LEGEND



Year to Date (1/1/2023 – 2/17/2023, 48 Days)



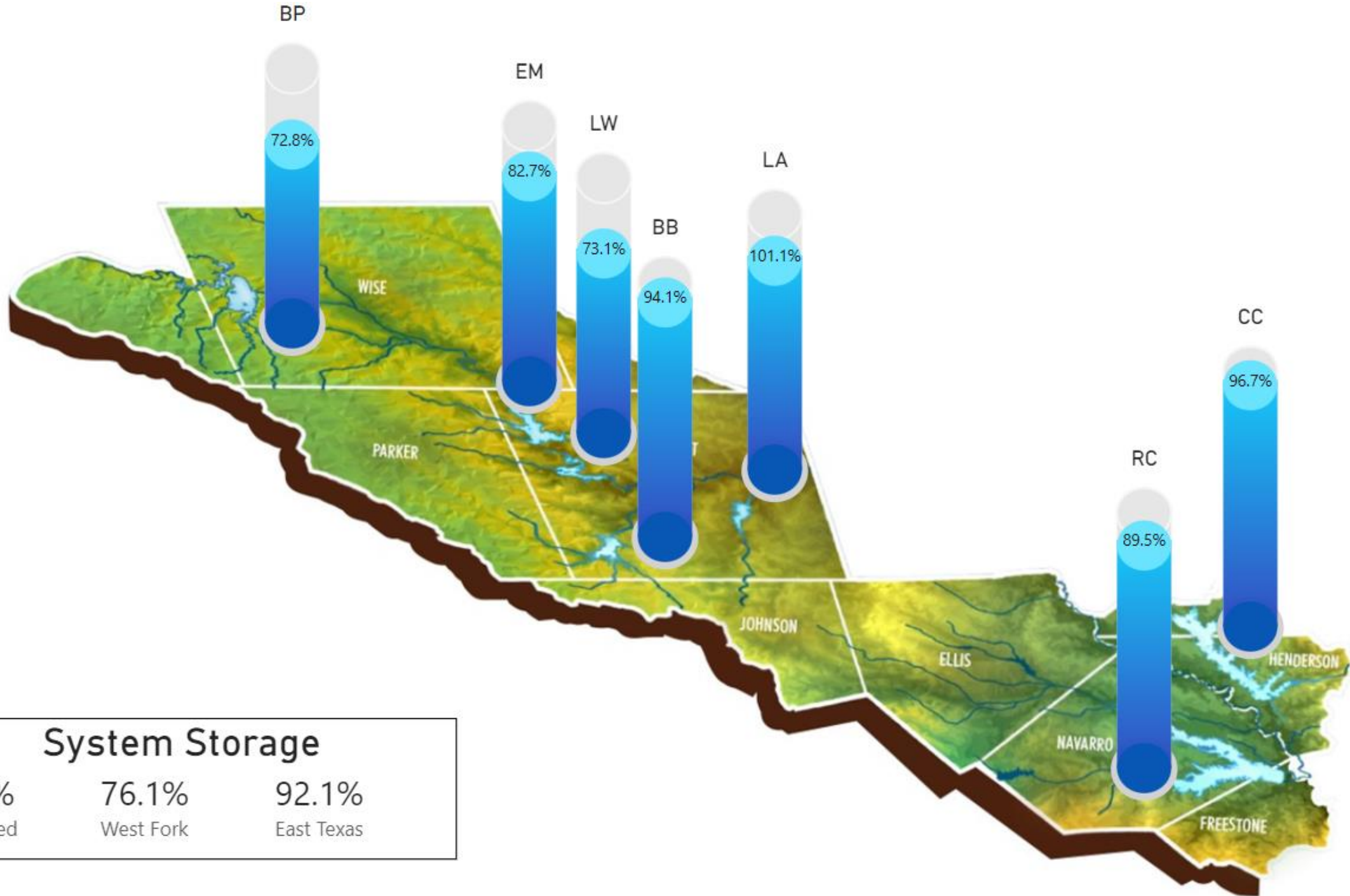
Watershed Average Rainfall Accumulation (inches)

Name	Observed	Normal	Departure	% of Normal
Bridgeport	2.8	2.5	0.3	112
Eagle Mountain	3.3	2.9	0.4	114
Lake Worth	4.1	3.0	1.1	137
Ft. Worth Floodway	5.1	3.1	2.0	165
Benbrook	4.5	3.0	1.5	150
Arlington	4.8	3.3	1.5	145
Cedar Creek	5.9	4.6	1.3	128
Richland-Chambers	5.3	4.0	1.3	133

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.

Texas Parks & Wildlife, Esri, HERE, Garmin

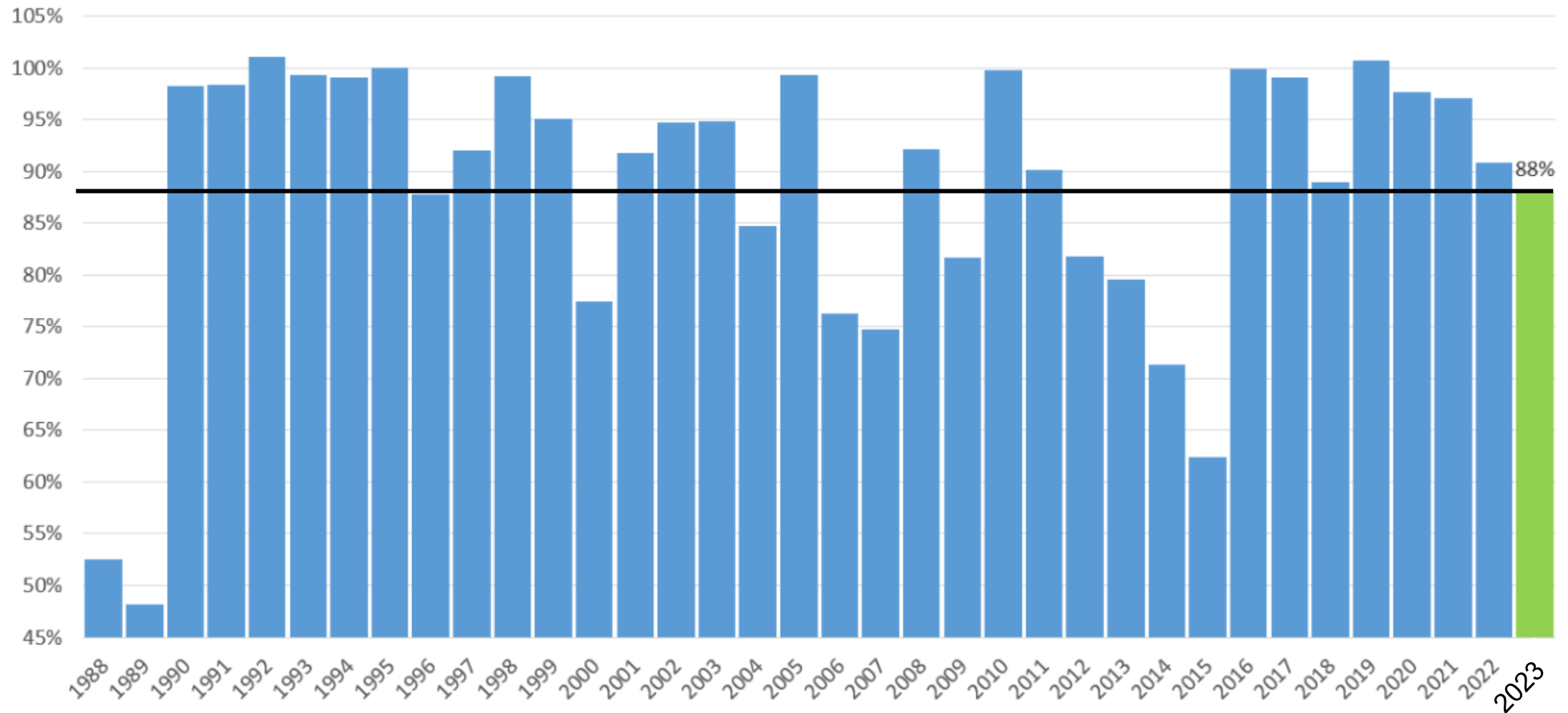




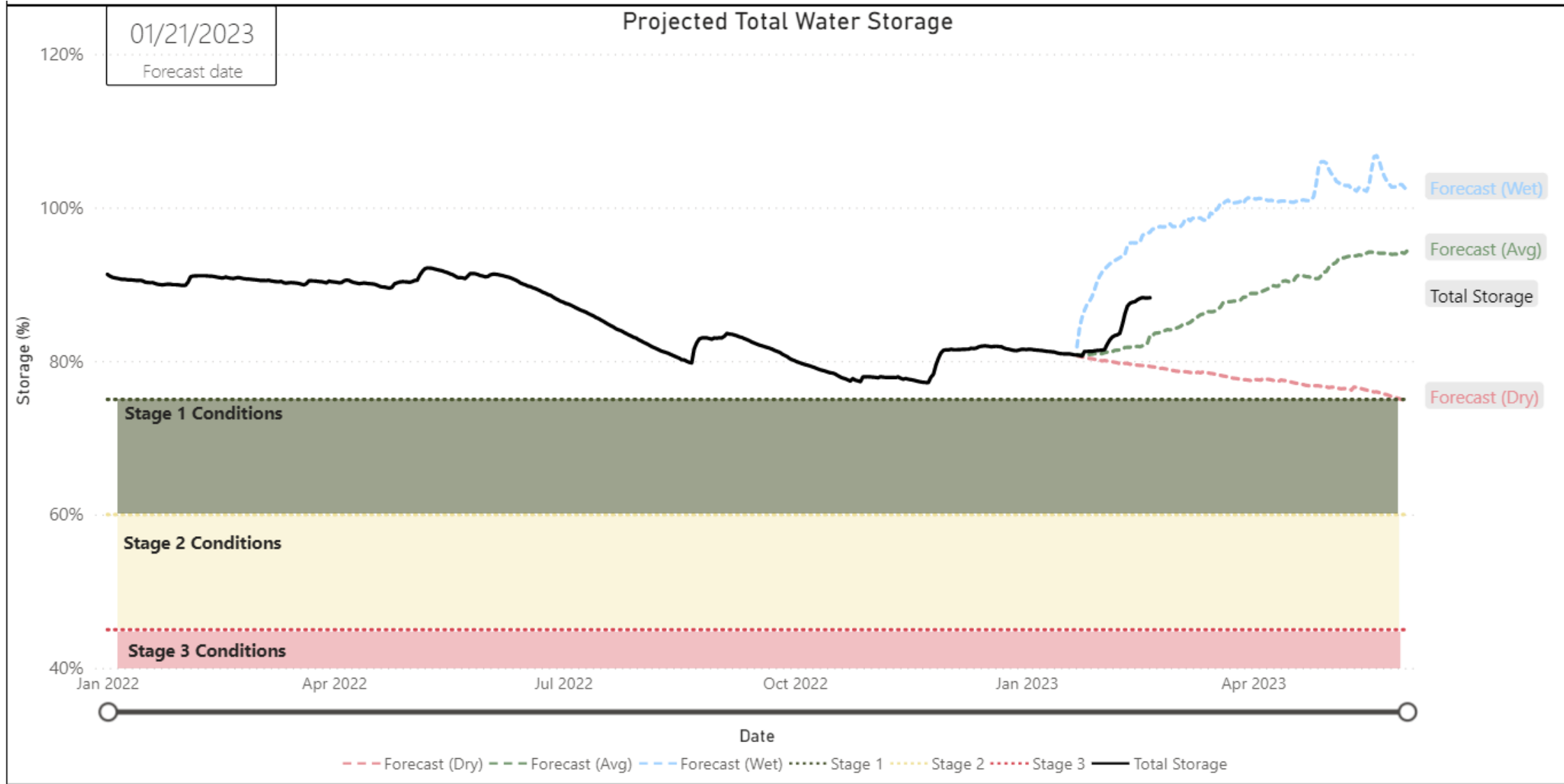
System Storage

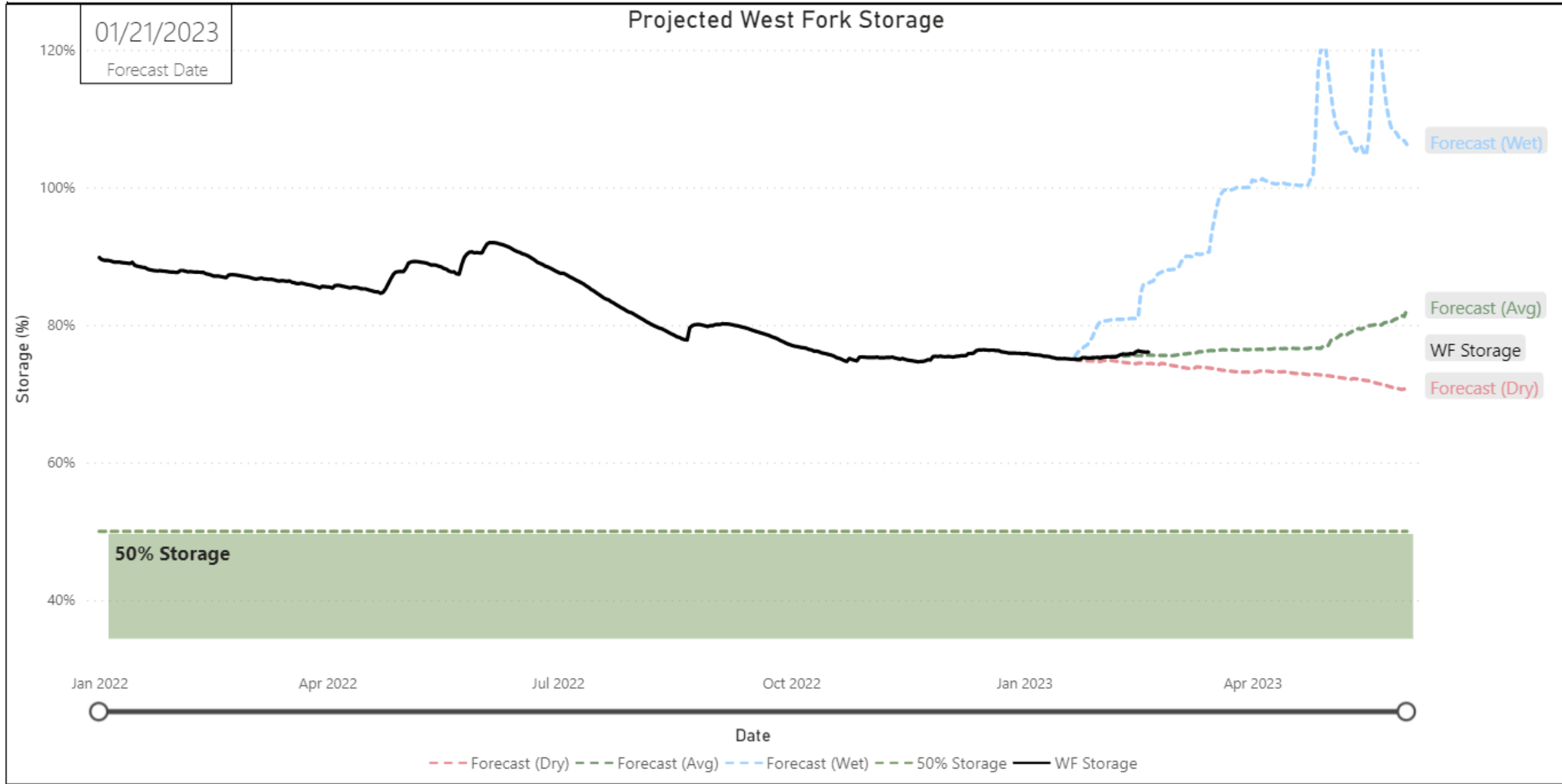
88.2%	76.1%	92.1%
Combined	West Fork	East Texas

Percent of Total Storage on February 17



*1988 – All four TRWD reservoirs operational



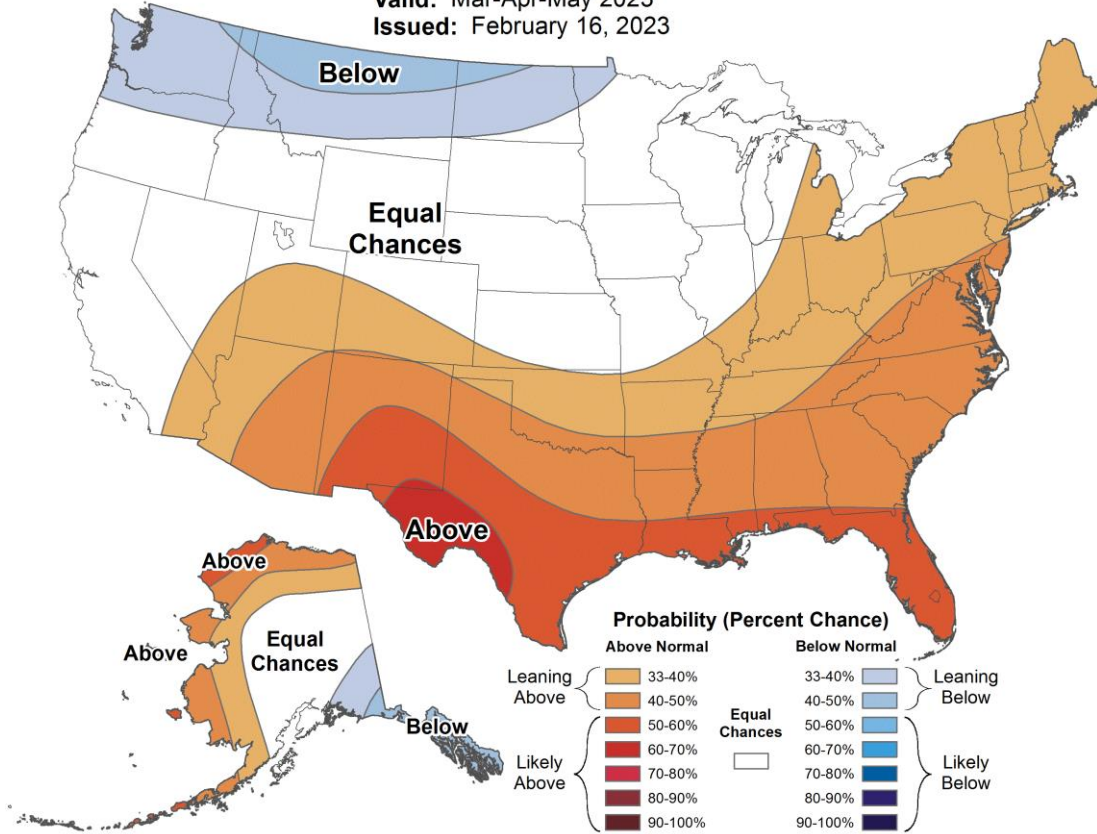




Seasonal Temperature Outlook



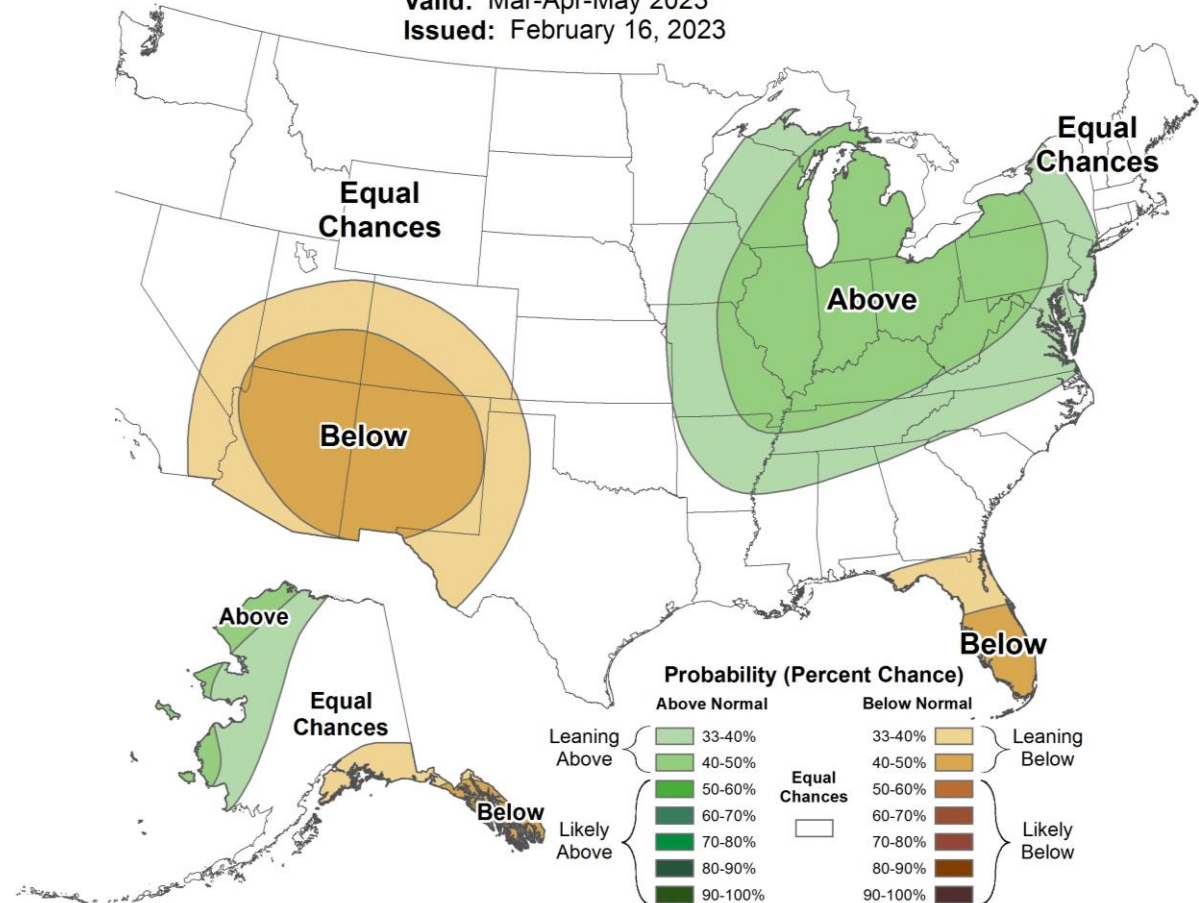
Valid: Mar-Apr-May 2023
 Issued: February 16, 2023



Seasonal Precipitation Outlook



Valid: Mar-Apr-May 2023
 Issued: February 16, 2023





19

Executive Session

20

Consider Approval of Authorization to Accept Real Property Interests for the Integrated Pipeline Project

Steve Christian, *Real Property Director*

21

Consider Approval of Authorization to Exchange Real Property Interests in Land Located in Lot 1, Block 1, Trinity River Addition, an Addition to the City of Fort Worth as shown on the Plat Recorded in Cabinet B, Slide 2904, Plat Records, Tarrant County, Texas

Steve Christian, *Real Property Director*



22

Future Agenda Items



23

**Next Board Meeting
February 21, 2023 at 9:00 AM**



24

Adjourn