

**RED RIVER
GROUNDWATER
CONSERVATION
DISTRICT**

PERMIT HEARING AND BOARD MEETING

Greater Texoma Utility Authority Board Room
5100 Airport Drive
Denison, Texas 75020

**THURSDAY
MARCH 12, 2026
12:00 PM**

NOTICE OF PUBLIC MEETING
OF THE
BOARD OF DIRECTORS OF THE

RED RIVER GROUNDWATER CONSERVATION DISTRICT
Thursday, March 12, 2026, at 12:00 p.m.

MEETING LOCATION:
Greater Texoma Utility Authority Board Room
5100 Airport Drive
Denison, Texas 75020

Final Permit Hearing

The Final Permit Hearing will begin at 12:00 p.m.

Notice is hereby given that the Board of Directors of the Red River Groundwater Conservation District (“District”) will conduct a final permit hearing on the following Production Permit Application:

Matter: State Office of Administrative Hearings (SOAH) Docket No. 900-25 10904.RRGCD; *Application of Mustang Special Utility District to Red River Groundwater Conservation District for Production Permits for 2 Wells*

Applicant: Mustang Special Utility District; 7985 FM 2931, Aubrey, TX 76227

Location of Wells:

- **Cottonwood Well 1:** FM 902, Howe, TX 75459; Latitude: 33.529909°N Longitude: 96.650614°W; about 550 feet south of FM 902, and about 1,970 feet west of Farmington Rd, in Grayson County;
- **Cottonwood Well 2:** Bradshaw Rd, Howe, TX 75459; Latitude: 33.514034°N Longitude: 96.664525°W; about 790 feet west of Bradshaw Rd, and about 1,400 feet north of McBee Rd, in Grayson County.

Purpose of Use: Municipal/Public Water System

Requested Amount of Use: 292,000,000 gallons per year

Production Capacity of Wells:

- **Cottonwood Well 1:** 600 gallons per minute;
- **Cottonwood Well 2:** 1,000 gallons per minute

Aquifer: Trinity (Antlers)

Agenda:

1. Call to Order; establish quorum; declare hearing open to the public; introduction of Board.
2. Public Comment on the Final Permit Hearing (verbal comments limited to three (3) minutes each).
3. Presentation(s) by Applicant and Protestant (oral argument only with a maximum of 10 minutes each).
4. Consider and possible action on the Proposal for Decision in SOAH Docket No. 900-25 10904.RRGCD; *Application of Mustang Special Utility District to Red River Groundwater Conservation District for Production Permits for 2 Wells*.
5. Executive Session – the Board may go into closed session under the authority of Government Code, Chapter 551, and Texas Open Meetings Act, per section §551.071 regarding Attorney/Client Privileged Consultations and/or the above pending Litigation.
6. Adjourn or continue final permit hearing

Permit Hearing

The Permit Hearing will begin at 12:00 p.m. upon the adjournment of the Final Permit Hearing.

Notice is hereby given that the Board of Directors of the Red River Groundwater Conservation District (“District”) will conduct a permit hearing on the following Production Permit Application:

Agenda:

1. Call to Order; establish quorum; declare hearing open to the public; introduction of Board.
2. Review the Production Permit Application of:

Applicant: Upper Trinity Regional Water District; 900 N Kealy Ave, Lewisville, TX 75057

Location of Well(#2) (existing): Co. Rd. 3645, Ladonia, TX; Latitude: 33.4424472°N
Longitude: 95.9036667°W; About 705 feet east of Co. Rd. 3645, and about 1,370 feet south of Co. Rd. 3640 in Fannin County.

Purpose of Use: Construction Water for Lake Ralph Hall Projects

Requested Amount of Use: 59,700,000 gal/year

Production Capacity of Well(s): 350 gallons/minute

Aquifer: Trinity (Paluxy)

Amendment: For the Purpose of Use, Upper Trinity Regional Water District is requesting to have Public Water as a use, in addition to Construction Water.

3. Public Comment on the Production Permit Application (verbal comments limited to three (3) minutes each).
4. Consider and act upon the Production Permit Application, including designation of parties and/or granting or denying the Production Permit Application in whole or in part, as applicable.
5. Adjourn or continue permit hearing

Board Meeting

The Board Meeting will begin upon the adjournment of the Permit Hearing.

Notice is hereby given that the Board of Directors of the Red River Groundwater Conservation District (“District”) may discuss, consider, and take all necessary action, including expenditure of funds, regarding each of the agenda items below:

Agenda:

1. Pledge of Allegiance and Invocation.
2. Call to order, establish quorum; declare meeting open to the public.
3. Public Comment.
4. Consider and act upon approval of Minutes of January 15, 2026, Board Meeting.
5. Budget and Finance.
 - a. Review and approval of monthly invoices.
 - b. Receive monthly financial information.
6. Consider and act upon approval of an Application for Participation in the Texas Short Term Asset Reserve Program (TexSTAR).
7. Update and possible action regarding the process for the development of Desired Future Conditions (DFC).
8. Receive the Annual Report for 2024.
9. Consider and act upon compliance and enforcement activities for violations of District Rules.
10. General Manager’s report: The General Manager will update the Board on operational, educational and other activities of the District.
 - a. Update on Injection/Disposal Well Monitoring Program
 - b. Well Registration Summary
11. Open forum / discussion of new business for future meeting agendas.
12. Adjourn.

¹The Board may vote and/or act upon each of the items listed in this agenda.

²At any time during the hearing, meeting or work session and in compliance with the Texas Open Meetings Act, Chapter 551, Government Code, Vernon’s Texas Codes, Annotated, the Red River Groundwater Conservation District Board may meet in executive session on any of the above agenda items or other lawful items for consultation concerning attorney-client matters (§551.071); deliberation regarding real property (§551.072); deliberation regarding prospective gifts (§551.073); personnel matters (§551.074); and deliberation regarding security devices (§551.076). Any subject discussed in executive session may be subject to action during an open meeting.

³Persons with disabilities who plan to attend this meeting, and who may need assistance, are requested to contact Velma Starks at (800) 256-0935 two (2) working days prior to the meeting, so that appropriate arrangements can be made.

⁴For questions regarding this notice, please contact Velma Starks at (800) 256-0935, at rrgcd@redrivergcd.org or at 5100 Airport Drive, Denison, TX 75020.

ATTACHMENT 4

**MINUTES OF THE BOARD OF DIRECTORS' BOARD MEETING
RED RIVER GROUNDWATER CONSERVATION DISTRICT**

Thursday, January 15, 2026

**MEETING LOCATION:
GREATER TEXOMA UTILITY AUTHORITY
BOARD ROOM
5100 AIRPORT DRIVE
DENISON TX 75020**

Members Present: David Gattis, Harold Latham, John Keen, Chuck Dodd, Billy Stephens and Mark Gibson.

Members Absent: Mark Patterson

Staff: Paul Sigle, Kristi Krider, Stacy Patrick, Allen Burks, and Velma Starks

Visitors: Kristen Fancher, Fancher Legal

Permit Hearing

Agenda:

1. Call to Order; establish quorum; declare hearing open to the public; introduction of Board.

Board Vice President Harold Latham called the Permit Hearing to order at 10:00 a.m., established quorum, declared hearing open to the public, and introduced the Board.

2. Review the Production Permit Application of:

Permit Amendment

- a. **Applicant:** Mustang Special Utility District; 7985 FM 2931, Aubrey, TX 76227
Location of Well (#33): 11414 Farmington Rd, Van Alstyne, TX, 75495; Latitude: 33.423933°N Longitude: 96.644777°W; About 129 feet east of Farmington Rd., and about 185 feet north of FM 121 in Grayson County
Purpose of Use: Municipal /Public Water System
Requested Amount of Use: 380,998,550 gallons per year over all 8 wells
Production Capacity of Well: 450 GPM
Aquifer: Trinity (Antlers)
Amendments:
 - Increase capacity of Mustang SUD Well #33 from 258 GPM to 450 GPM.
 - Increase Production Permit (8 wells total) amount from 350,998,550 gallons per year to 380,998,550 gallons per year.

General Manager Paul Sigle provided background information for the Board. Amendment to increase capacity. Discussion was held. Board Member Chuck Dodd

made a motion to approve the Amendment. Board Member David Gattis seconded the motion. Motion passed unanimously.

3. Public Comment on the Production Permit Application (verbal comments limited to three (3) minutes each).

No public comment

4. Consider and act upon the Production Permit Application, including designation of parties and/or granting or denying the Production Permit Application in whole or in part, as applicable.

Applications were approved individually.

5. Adjourn or continue permit hearing

Board Vice President Harold Latham adjourned the permit hearing at 10:04 a.m.

Board Meeting

1. Pledge of Allegiance and Invocation.

Board Vice President Harold Latham led the group in the Pledge of Allegiance and Board Member Chuck Dodd offered the invocation for the group.

2. Call to order, establish quorum; declare meeting open to the public.

Board Vice President Harold Latham called the meeting to order at 10:05 a.m., established a quorum was present, and declared the meeting open to the public.

3. Public Comment.

No Public Comment.

4. Consider and act upon approval of Minutes of November 20, 2025, Board Meeting.

Board Member David Gattis made a motion to approve the minutes of the November 20, 2025, meeting. The motion was seconded by Board Member Billy Stephens. Motion passed unanimously.

5. Budget and Finance.

- a. Review and approval of monthly invoices.

General Manager Paul Sigle reviewed the invoices with the Board. Discussion was held. Board Member Billy Stephens made a motion to approve the monthly invoices. Board Member David Gattis seconded the motion. Motion passed unanimously.

- b. Receive monthly financial information.

General Manager Paul Sigle reviewed the District's monthly financial information with the Board. Discussion was held.

- c. Receive Quarterly Investment Report.

General Manager Paul Sigle reviewed the Quarterly Investment Report with the Board.

- 6. Consider and act upon a resolution by the Board of Director of the Red River Groundwater Conservation District related to an investment policy.

General Manager Paul Sigle provided information for the Board. Board Member David Gattis made a motion to approve resolution. Board member Chuck Dodd seconded the motion. Motion passed unanimously.

- 7. Update and possible action regarding the process for the development of Desired Future Conditions (DFC).

General Manager Paul Sigle informed the Board that GMA 8 will have a meeting on January 29, 2026. The final run selection will be determined, and the adoption of DFCs will be discussed.

- 8. Consider and act upon compliance and enforcement activities for violations of District Rules.

No issues

- 9. General Manager's report: The General Manager will update the Board on operational, educational, and other activities of the District.

- a. Update on Injection/Disposal Well Monitoring Program

No update.

- b. Well Registration Summary

General Manager Paul Sigle reviewed the well registration summary with the Board. Four new wells were registered in December

- 10. Open forum / discussion of new business for future meeting agendas.

Feb. 19 next meeting

- 11. Adjourn.

Board Vice President Harold Latham declared the meeting adjourned at 10:18 a.m.

Recording Secretary

Secretary-Treasurer

ATTACHMENT 5 a.

RESOLUTION NO. 2026-03-12-01

A RESOLUTION BY THE BOARD OF DIRECTORS OF THE RED RIVER GROUNDWATER CONSERVATION DISTRICT AUTHORIZING PAYMENT OF ACCRUED LIABILITIES FOR THE MONTHS OF JANUARY AND

The following liabilities are hereby presented for payment:

	<u>Amount</u>
<u>Administrative Services</u>	
GTUA - Monthly expenses for January 2026	\$15,677.56
GTUA - Monthly expenses for February 2026	\$23,469.03
<u>Contract Services</u>	
Advanced Groundwater Solutions - Hydrogeologic consulting	\$12,323.13
NTGCD - Reimbursement for Advanced Groundwater Solutions	\$26,299.76
<u>Direct Costs</u>	
Feast on this	\$341.00
Instruments Direct - Meter Tags	\$4,615.00
LRE Water LLC	\$4,622.88
Nextraq	\$32.00
Statewise Plat Service - November and December 2025	\$100.00
United State Post Office	\$450.00
<u>Legal</u>	
Stacey Reese Law PLLC - November 2025	\$136.00
Stacey Reese Law PLLC - January 2026	\$875.00
State Office of Administrative Hearing - December 2025	\$12,883.20
State Office of Administrative Hearing - January 2026	\$21,172.80
<u>GMA8 Fees</u>	
NTGCD	\$1,168.01
GRAND TOTAL:	<u><u>\$124,165.37</u></u>

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE RED RIVER GROUNDWATER CONSERVATION DISTRICT THAT the Secretary-Treasurer is hereby authorized to make payments in the amounts listed above.

On motion of _____ and seconded by:

_____, the foregoing Resolution was passed and approved on this, the 12th. day of March 2026

by the following vote:

AYE:

NAY:

At a meeting of the Board of Directors of the Red River Groundwater Conservation District.

President

ATTEST:

Secretary/Treasurer

ATTACHMENT 5 b.

RED RIVER GROUNDWATER Balance Sheet

As of February 28, 2026

Feb 28, 26

ASSETS

Current Assets

Checking/Savings

10001 CASH-First United 55,314.09

Total Checking/Savings 55,314.09

Accounts Receivable

10025 A/R Operating Exp -350.00

10025 A/R CONSUMPTION 23,648.92

10101 ALLOWANCE FOR UNCOLLECT -4,642.74

10210 A/R WELL APPLICATION FEES -2,500.00

Total Accounts Receivable 16,156.18

Other Current Assets

10010 INVESTMENTS 843,494.12

10230 PP EXPENSES 1,343.64

Total Other Current Assets 844,837.76

Total Current Assets 916,308.03

TOTAL ASSETS 916,308.03

LIABILITIES & EQUITY

Liabilities

Current Liabilities

Accounts Payable

23100 ACCOUNTS PAYABLE 64,688.71

Total Accounts Payable 64,688.71

Other Current Liabilities

23150 DRILLERS DEPOSIT LIAB 20,150.00

23160 DEPOSIT-SOAH -26,419.02

Total Other Current Liabilities -6,269.02

Total Current Liabilities 58,419.69

Total Liabilities 58,419.69

Equity

35100 RETAINED EARNINGS 921,972.87

Net Income -64,084.53

Total Equity 857,888.34

TOTAL LIABILITIES & EQUITY 916,308.03

RED RIVER GROUNDWATER
Profit & Loss Budget vs. Actual
February 28, 2026

	<u>Current Actual</u>	<u>Current Budget</u>	<u>YTD Actual</u>	<u>Total Budget</u>	<u>% of Budget Remaining</u>
Income					
46002 GW PRODUCTION	0.00	0.00	0.00	268,000.00	100.00%
46005 LATE FEES	0.00	0.00	0.00	0.00	0.00%
46006 VIOLATION FEES	0.00	0.00	0.00	0.00	0.00%
46010 WELL DRILLER FEES	0.00	0.00	0.00	0.00	0.00%
46015 REGISTRATION FEES	1,550.00	875.00	900.00	10,500.00	91.43%
46020 PERMITTING FEES	0.00	833.00	0.00	10,000.00	0.00%
46100 INTEREST INCOME	0.00	1,417.00	0.00	17,000.00	100.00%
Total Income	<u>1,550.00</u>	<u>3,125.00</u>	<u>900.00</u>	<u>305,500.00</u>	<u>99.71%</u>
Gross Profit	1,550.00	3,125.00	900.00	305,500.00	
Expense					
77010 ADMINISTRATIVE COST	6,601.75	8,333.00	5,619.25	100,000.00	94.38%
77020 ADVERTISING	0.00	333.00	0.00	4,000.00	100.00%
77027 AUDITING	0.00	0.00	0.00	7,800.00	100.00%
77031 BANKING FEES	0.00	83.00	0.00	1,000.00	100.00%
77032 CONTRACT SERVICES	0.00	8,333.00	0.00	100,000.00	100.00%
77035 FIELD TECH	8,737.00	4,583.00	4,827.00	55,000.00	91.22%
77040 DIRECT COST	658.17	1,250.00	719.57	15,000.00	95.20%
77045 FIELD PERMITTING SPECIAL	2,612.50	2,917.00	2,054.00	35,000.00	94.13%
77450 DUES & SUBSCRIPTIONS	1,227.42	250.00	0.00	3,000.00	100.00%
77460 EDUCATION & OUTREACH	0.00	1,083.00	0.00	13,000.00	100.00%
77480 EQUIPMENT	7,694.58	2,917.00	1,347.74	35,000.00	96.15%
77500 FEES-GMA8	0.00	1,000.00	0.00	12,000.00	100.00%
77810 INSURANCE AND BONDING	335.91	375.00	335.91	4,500.00	92.54%
77850 GENERIC SOFTWARE SVC	0.00	267.00	0.00	3,200.00	100.00%
77970 LEGAL	6,112.28	1,667.00	0.00	20,000.00	100.00%
78010 MEETINGS AND CONFEREN	113.82	417.00	351.00	5,000.00	92.98%
78310 RENT	650.00	667.00	650.00	8,000.00	91.88%
78600 SOFTWARE MAINTENANCE	0.00	4,167.00	0.00	50,000.00	100.00%
78750 TELEPHONE	223.63	250.00	222.01	3,000.00	92.60%
78770 - TRANSPORTATION	15.16	250.00	269.99	3,000.00	91.00%
Total Expense	<u>34,982.22</u>	<u>39,142.00</u>	<u>16,396.47</u>	<u>477,500.00</u>	<u>96.57%</u>
Net Income	<u><u>-33,432.22</u></u>	<u><u>-36,017.00</u></u>	<u><u>-15,496.47</u></u>	<u><u>-172,000.00</u></u>	

ATTACHMENT 6



APPLICATION FOR PARTICIPATION IN TexSTAR

The undersigned local government (Applicant) applies and agrees to become a Participant in the Texas Short Term Asset Reserve Program (TexSTAR).

- 1. Authorization.** The governing body of Applicant has duly authorized this application by adopting the following resolution at a meeting of such governing body duly called, noticed, and held in accordance with the Texas Open Meeting Law, chapter 551, Texas Government Code, on _____, 20__:

WHEREAS, it is in the best interests of this governmental unit ("*Applicant*") to invest its funds jointly with other Texas local governments in the Texas Short Term Asset Reserve Program (TexSTAR) in order better to preserve and safeguard the principal and liquidity of such funds and to earn an acceptable yield; and

WHEREAS, Applicant is authorized to invest its public funds and funds under its control in TexSTAR and to enter into the participation agreement authorized herein;

NOW, THEREFORE, BE IT RESOLVED THAT:

SECTION 1. The form of application for participation in TexSTAR attached to this resolution is approved. The officers of Applicant specified in the application are authorized to execute and submit the application, to open accounts, to deposit and withdraw funds, to agree to the terms for use of the website for online transactions, to designate other authorized representatives, and to take all other action required or permitted by Applicant under the Agreement created by the application, all in the name and on behalf of Applicant.

SECTION 2. This resolution will continue in full force and effect until amended or revoked by Applicant and written notice of the amendment or revocation is delivered to the TexSTAR Board.

SECTION 3. Terms used in this resolution have the meanings given to them by the application."

- 2. Agreement.** Applicant agrees with other TexSTAR Participants and the TexSTAR Board to the Terms and Conditions of Participation in TexSTAR, effective on this date, which are incorporated herein by reference. Applicant makes the representations, designations, delegations, and representations described in the Terms and Conditions of Participation.

- 3. Taxpayer Identification Number.** Applicant's taxpayer identification number is 45-1957082

- 4. Contact Information.**
Applicant primary mailing address: P O Box 1214, Sherman, Tx 75091
Applicant physical address (if different): 5100 Airport Dr, Denison, Tx 75020
Applicant main phone number: (903) 786-3340
Applicants main fax number: (903) 786-8211

- 5. Authorized Representatives.** Each of the following Participant officials is designated as Participant's Authorized Representative authorized to give notices and instructions to the Board in accordance with the Agreement, the Bylaws, the Investment Policy, and the Operating Procedures:

1. Name: Debi Atkins Title: Finance Officer
 Signature: _____ Phone: (903) 786-3340
 Email: _____

2. Name: Nichole Murphy Title: Sr Accountant
 Signature: _____ Phone: (903) 786-3340
 Email: _____

3. Name: Paul Sigle Title: General Manager
 Signature: _____ Phone: (903) 786-3340
 Email: _____

4. Name: _____ Title: _____
 Signature: _____ Phone: _____
 Email: _____

{REQUIRED} PRIMARY CONTACT: List the name of the Authorized Representative **listed above** that will be designated as the Primary Contact and will receive all TexSTAR correspondence including transaction confirmations and monthly statements.

Name: Debi Atkins

{OPTIONAL} INQUIRY ONLY CONTACT: In addition, the following additional Participant representative (**not listed above**) is designated as an **Inquiry Only** Representative authorized to obtain account information:

Name: _____ Title: _____
 Signature: _____ Phone: _____
 Email: _____

Applicant may designate other authorized representatives by written instrument signed by an existing Applicant Authorized Representative or Applicant's chief executive officer.

**REQUIRED
PLACE OFFICIAL SEAL OF ENTITY HERE**

DATED _____

Red River GCD
(NAME OF ENTITY/APPLICANT)

SIGNED BY:

(Signature of official)
Paul Sigle; General Manager
(Printed name and title)

ATTESTED BY:

(Signature of official)
Debi Atkins; Finance Officer
(Printed name and title)

FOR INTERNAL USE ONLY	HTSTSIP030320261448	Red River GCD
APPROVED AND ACCEPTED: TEXAS SHORT TERM ASSET RESERVE FUND (TexSTAR)		
.....
AUTHORIZED SIGNER	DATE	V082023

ATTACHMENT 7

GMA 8 Model Run Results

Red River GCD Board Meeting

February 19, 2026

New Model vs Old Model

- The calibration of the new model resulted in increase transmissivity.
- Data shows the older model underestimated the transmissivity in the District.
- Due to the increase transmissivity values, production has lower impact to drawdown in the model.



Current Model Runs for this Cycle

Run 4.1 – Projected Production

Run 4.2 – Base line run of the current estimate annual production from 2024.

Run 4.3 – Modification of Run 4.1

Run 4.5 – Uses production from 4.3 but flat lined production after 2040.

Run 4.6 – Model run of the District desired production from the pervious four runs.



Future Model Runs

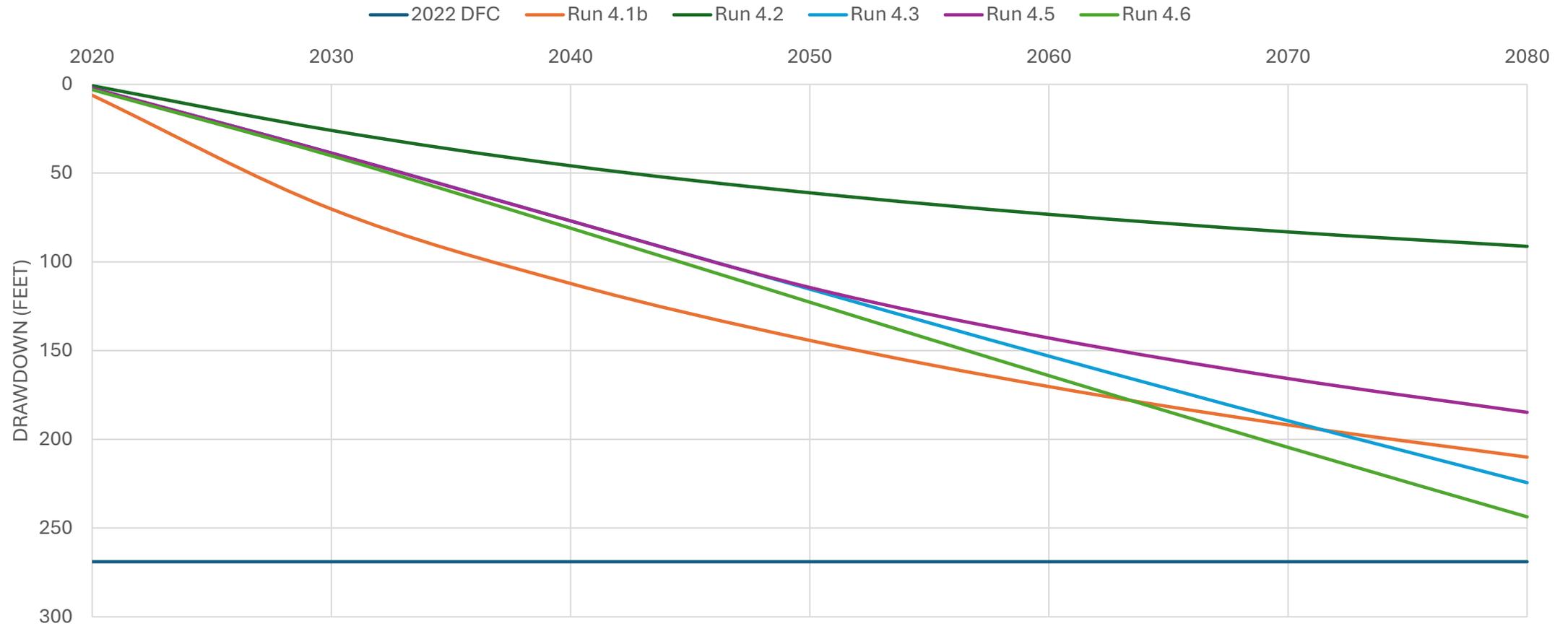
Run 4.7 – Modify the production of Williamson County in Run 4.6

Run 4.8 – Final DFC Run

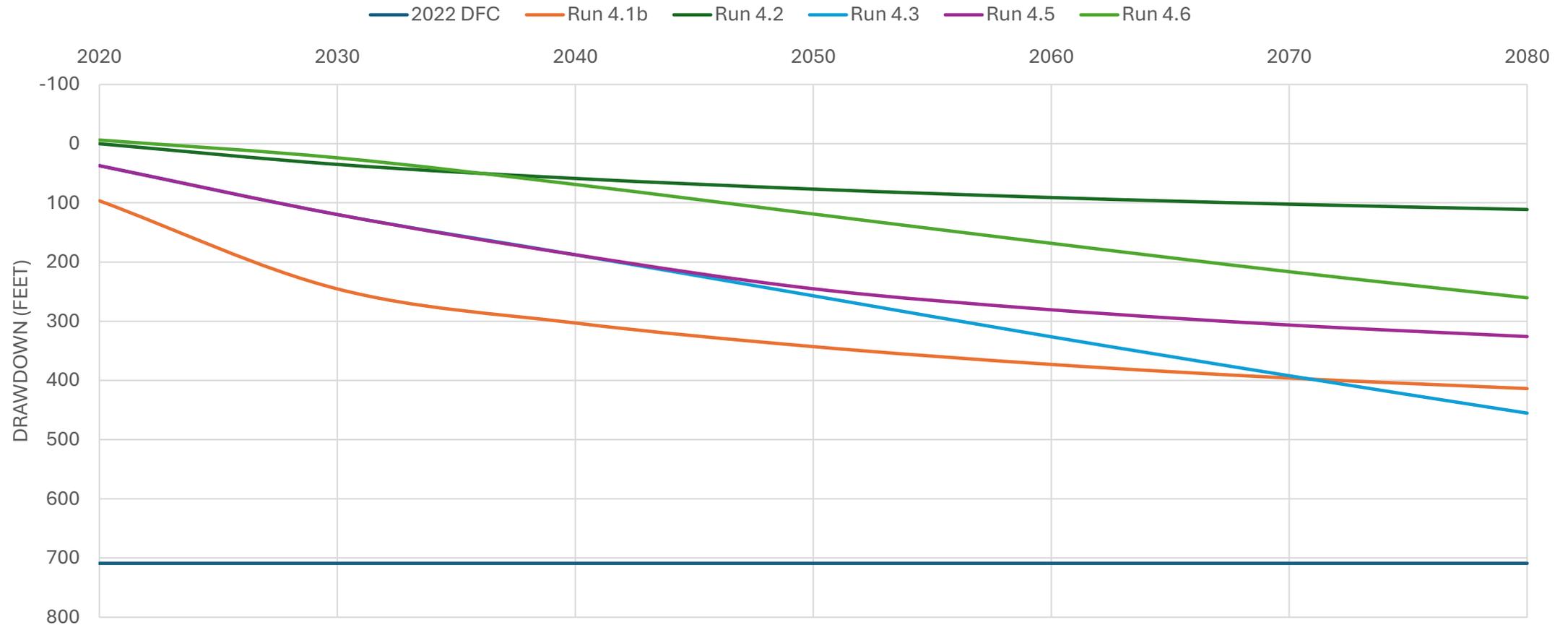
Results for Fannin County



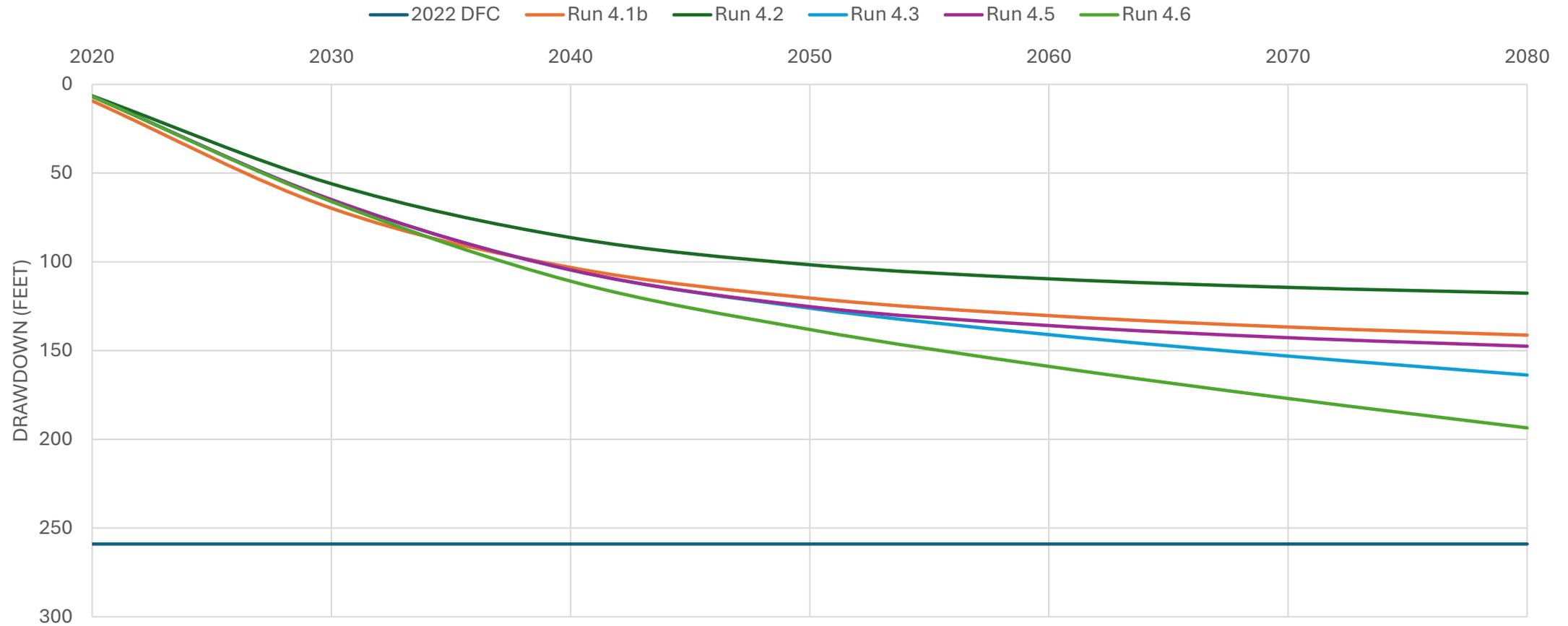
Desired Future Conditions (in feet), Fannin County, Antlers



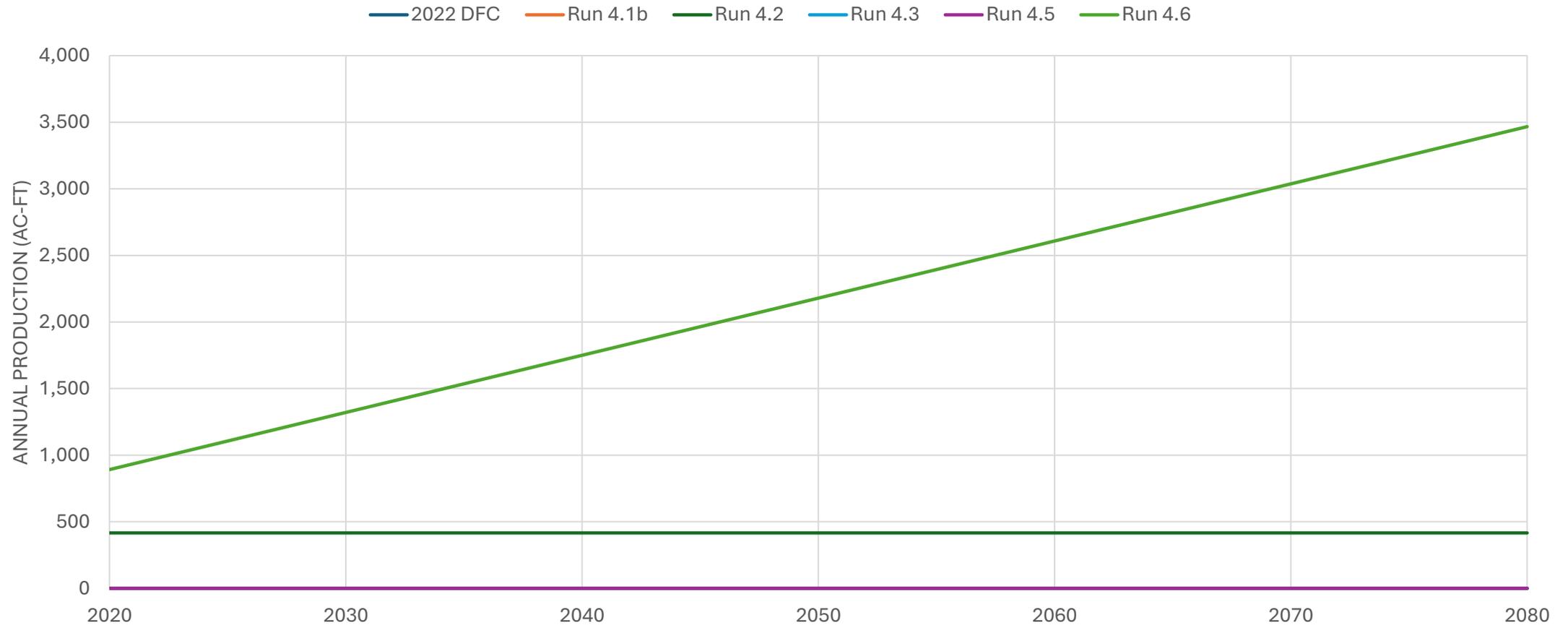
Desired Future Conditions (in feet), Fannin County, Paluxy



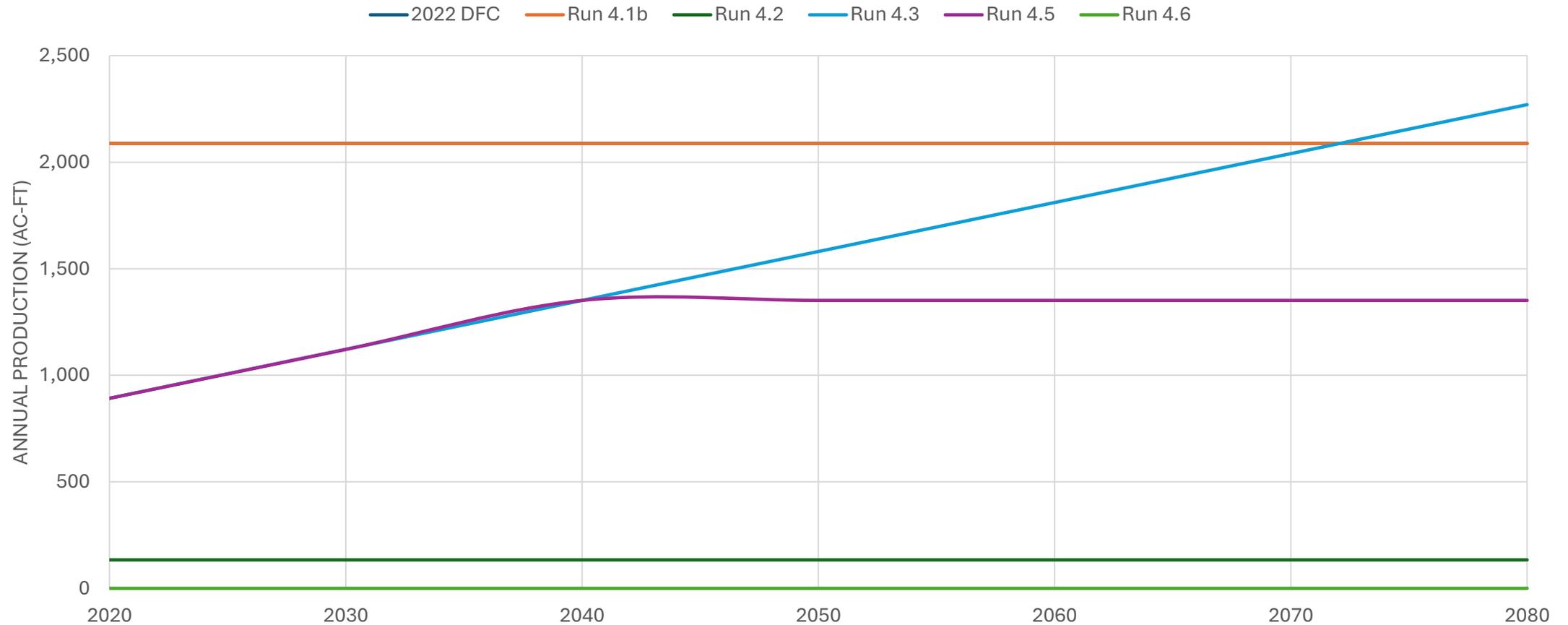
Desired Future Conditions (in feet), Fannin County, Woodbine



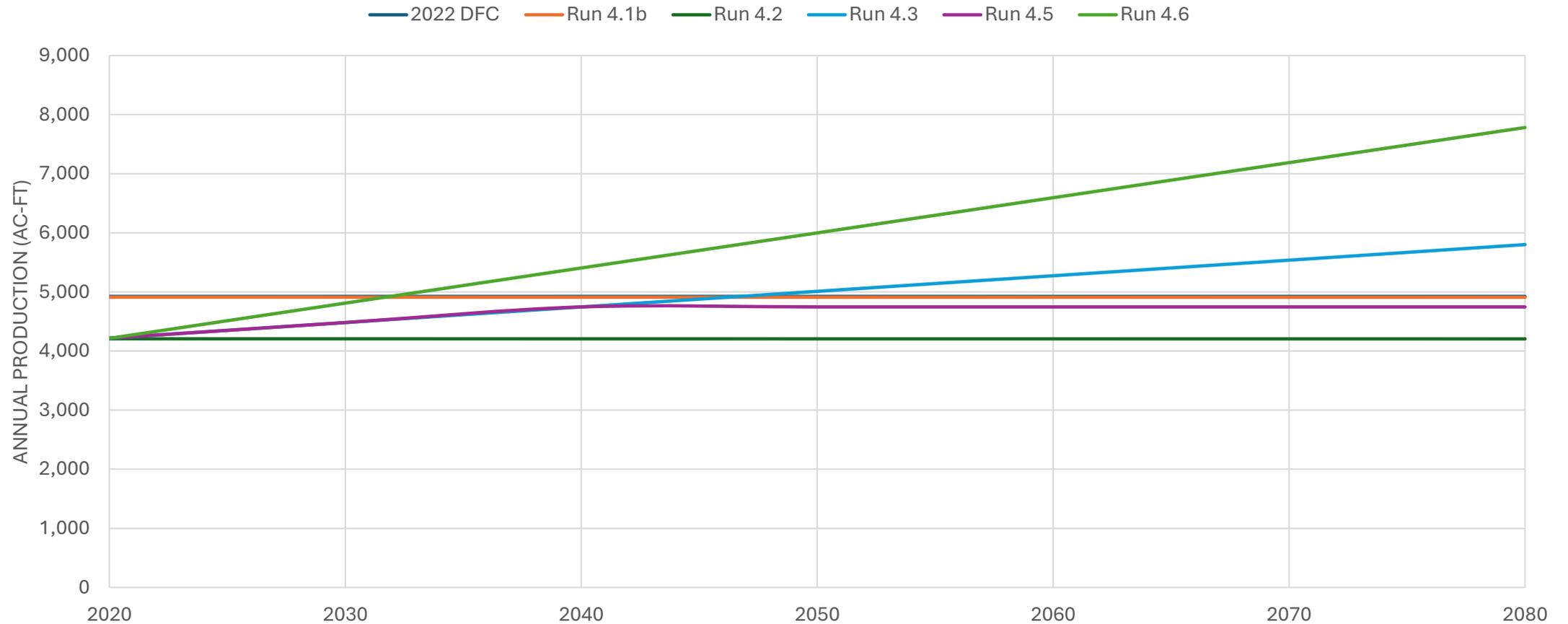
Production (in Acre-Feet), Fannin County, Antlers



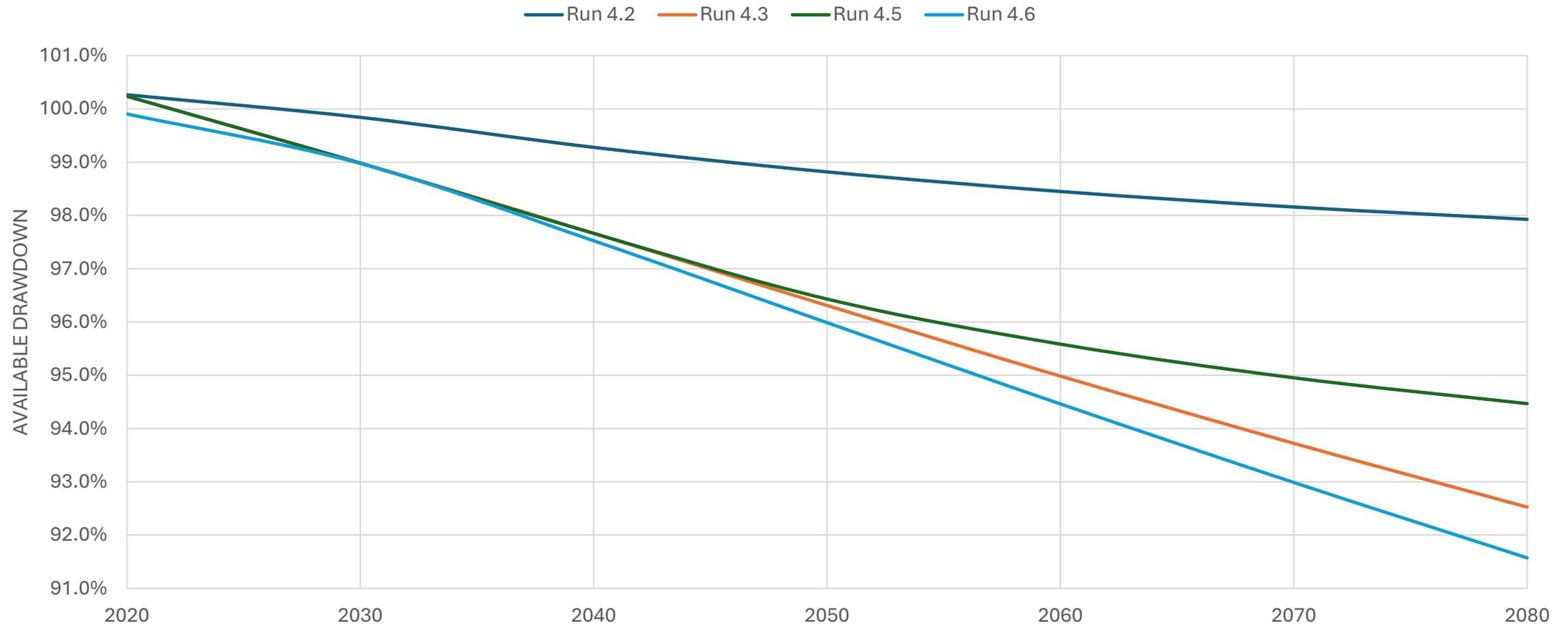
Production (in Acre-Feet), Fannin County, Paluxy



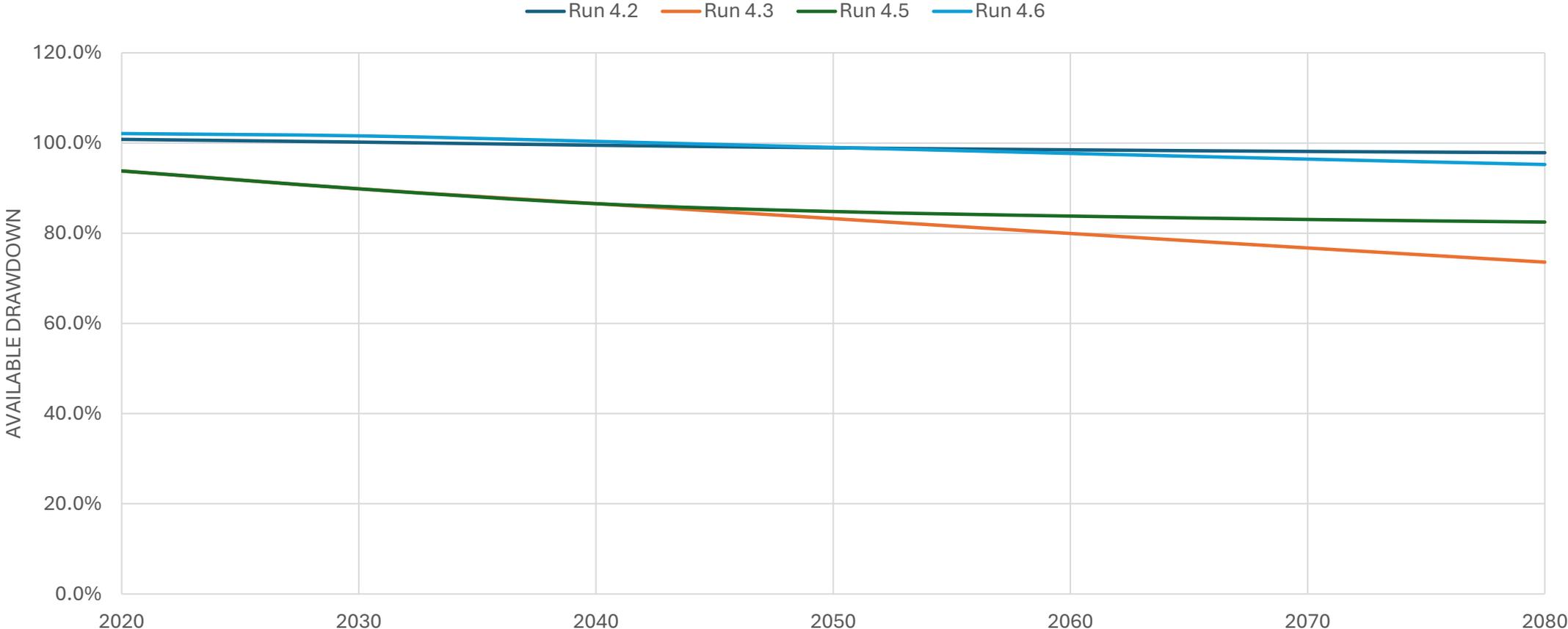
Production (in Acre-Feet), Fannin County, Woodbine



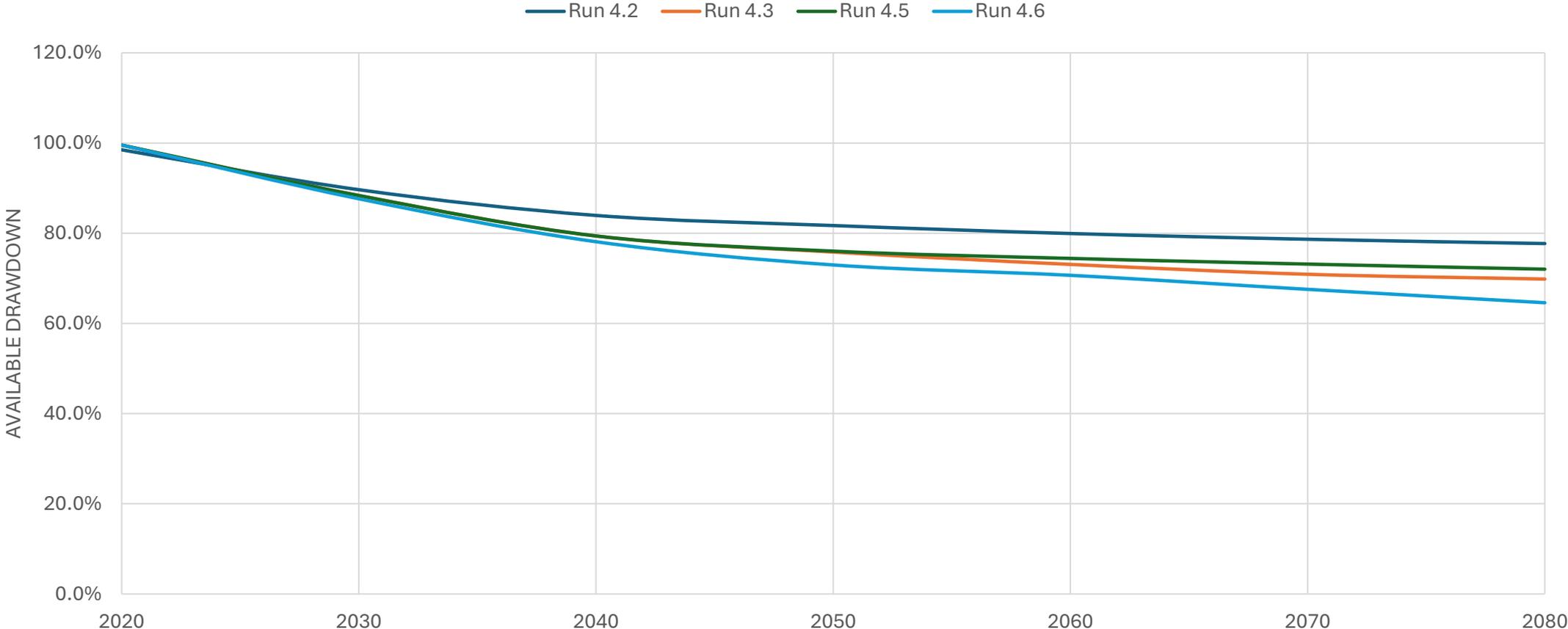
Available Drawdown in Production Wells, Fannin County, Antlers



Available Drawdown in Production Wells, Fannin County, Paluxy



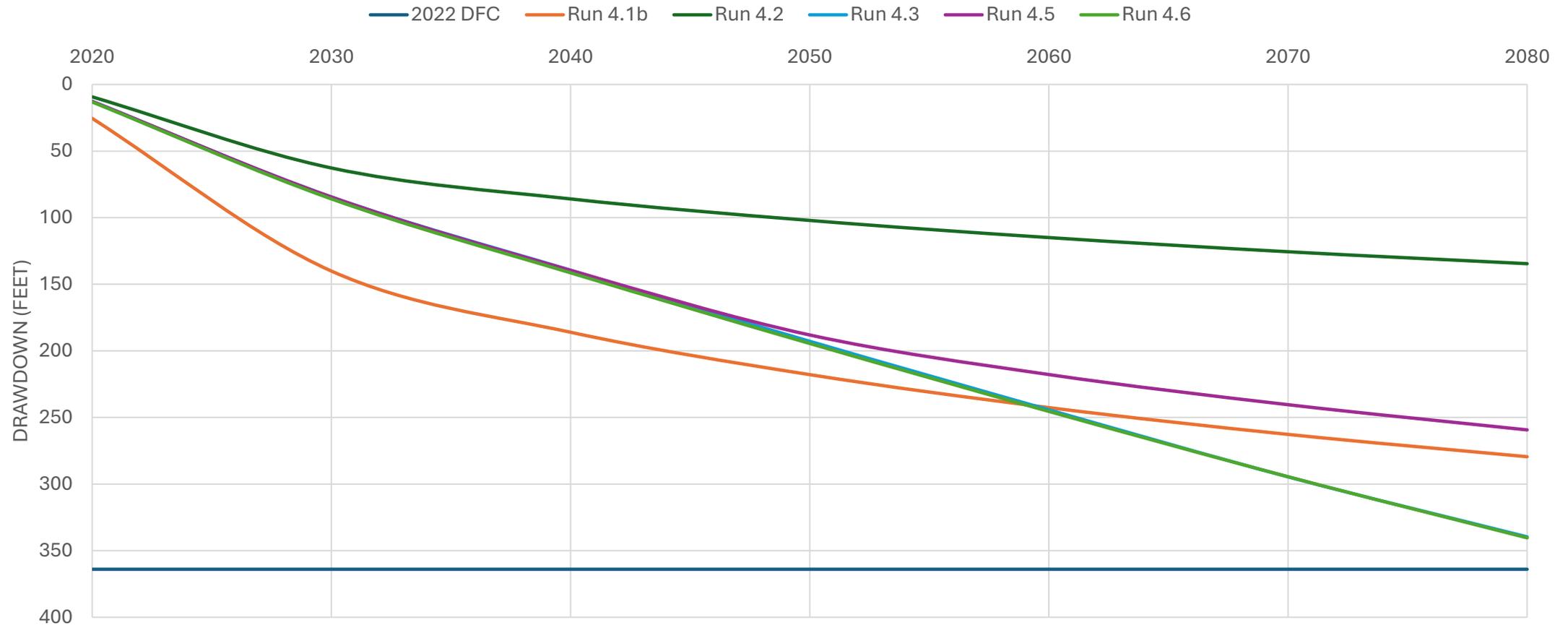
Available Drawdown in Production Wells, Fannin County, Woodbine



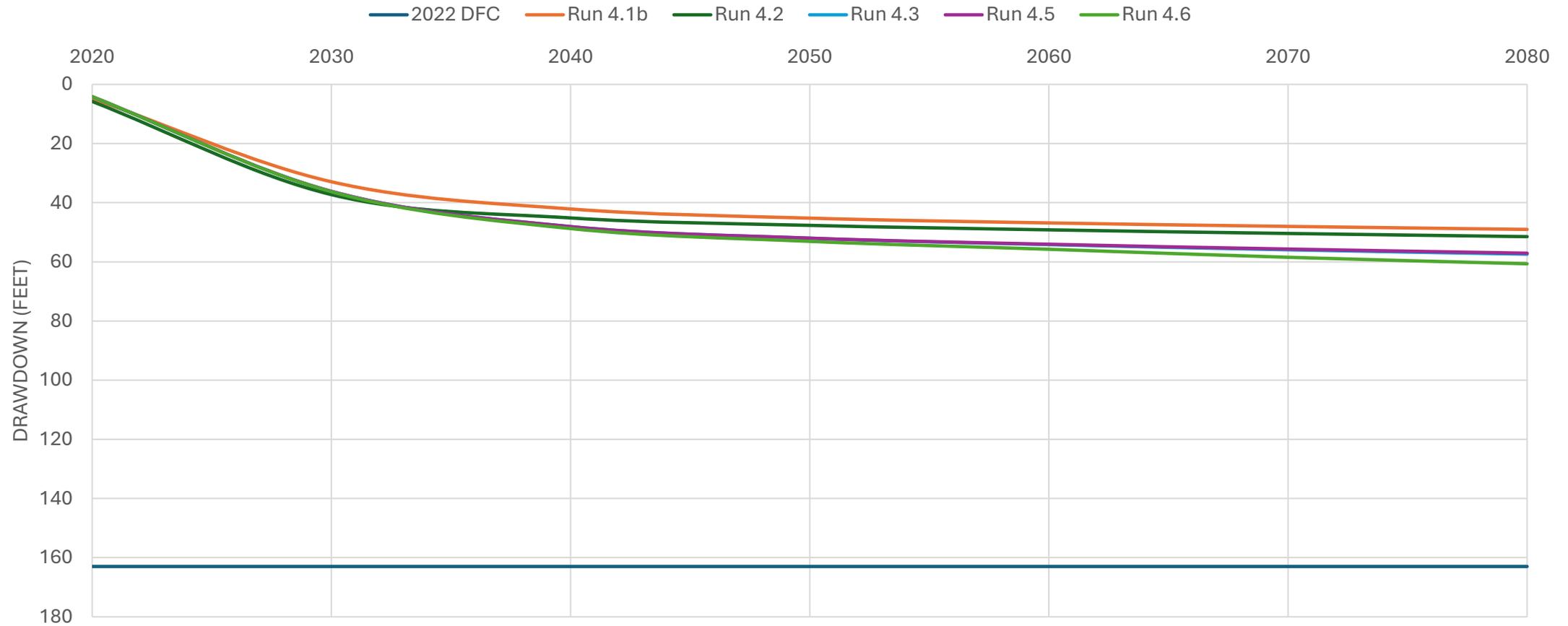
Results for Grayson County



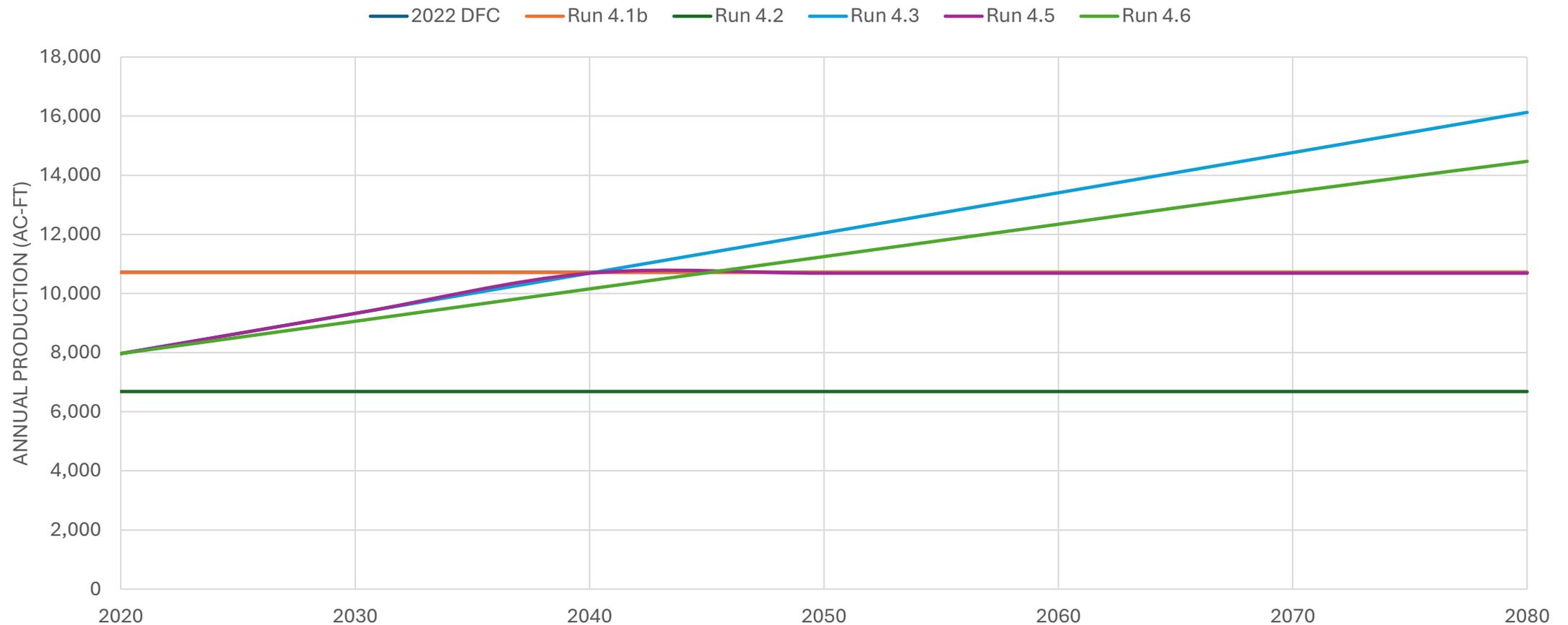
Desired Future Conditions (in feet), Grayson County, Antlers



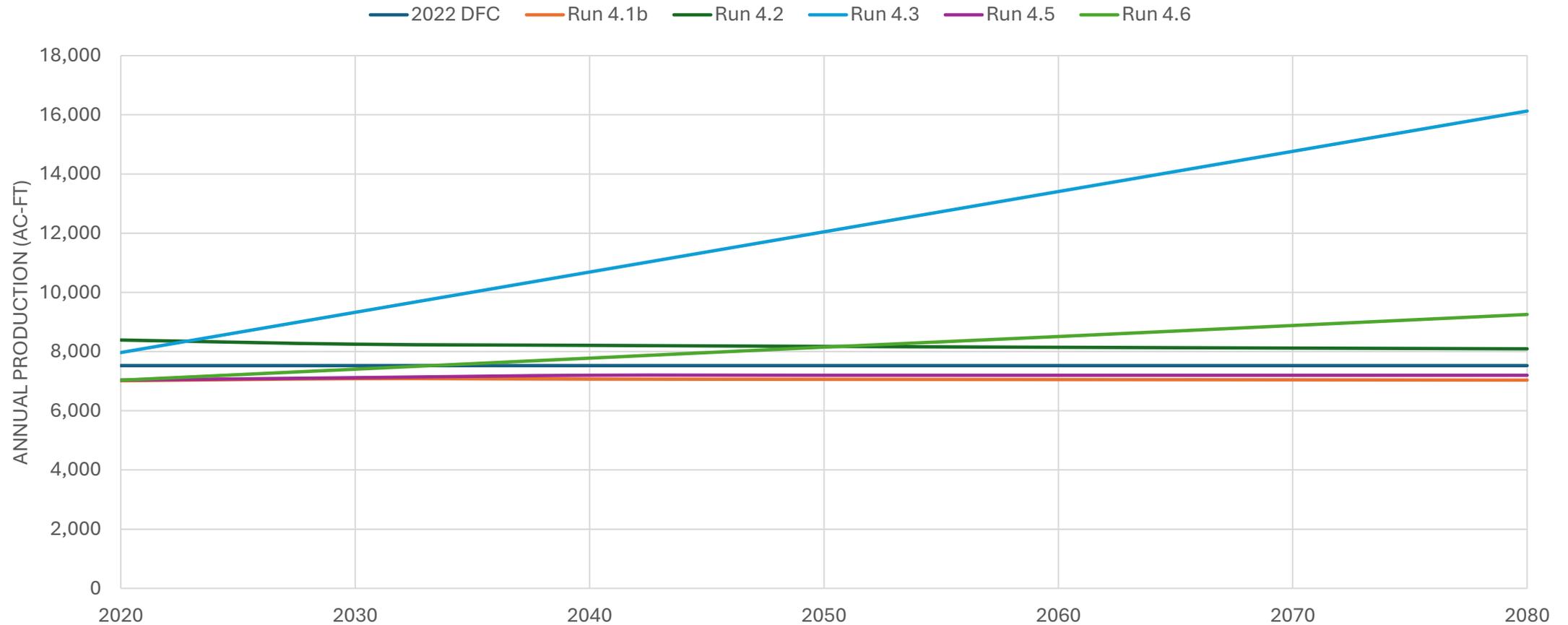
Desired Future Conditions (in feet), Grayson County, Woodbine



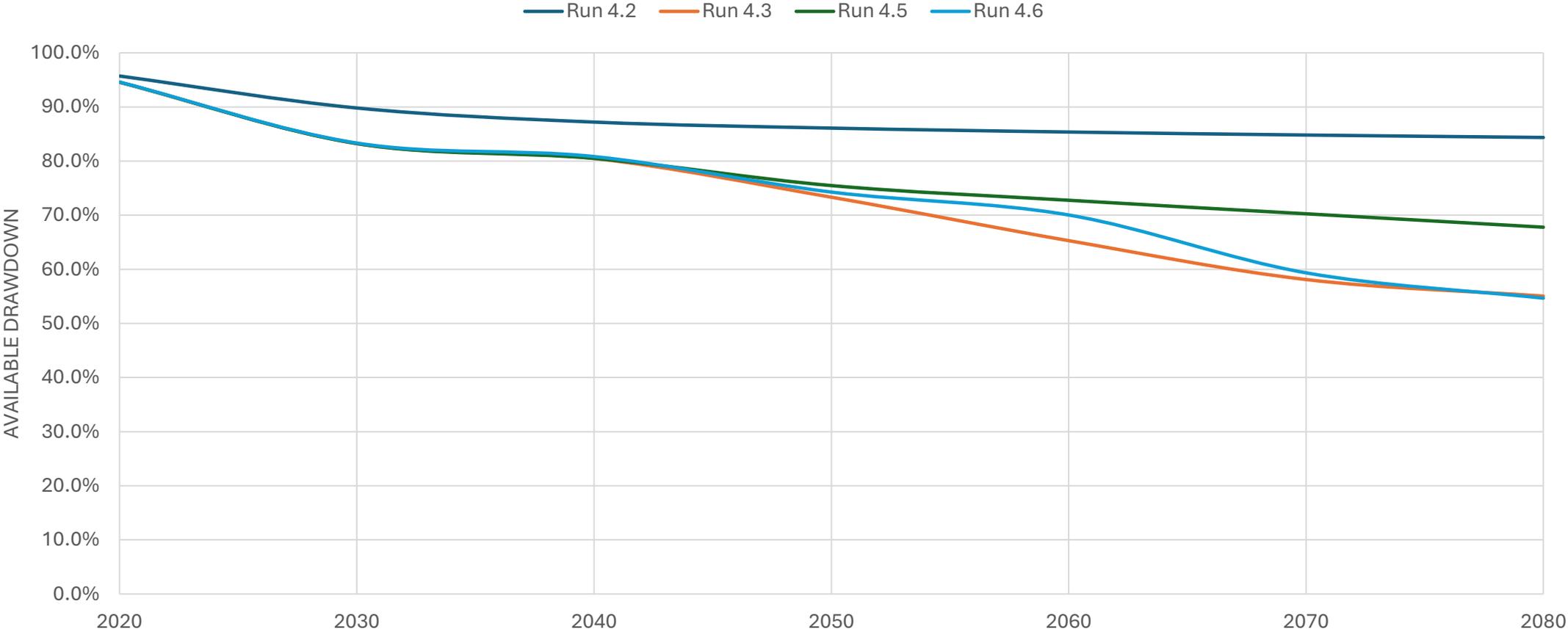
Production (in Acre-Feet), Grayson County, Antlers



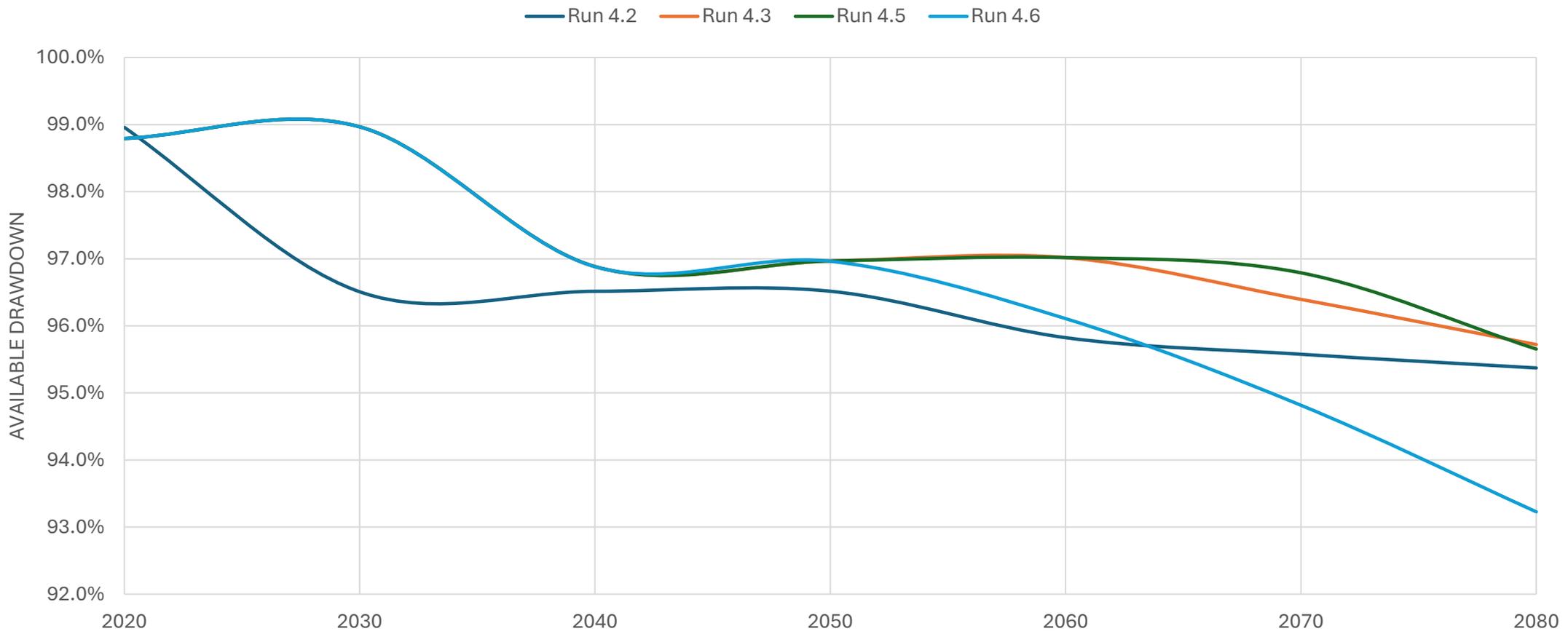
Production (in Acre-Feet), Grayson County, Woodbine



Available Drawdown in Production Wells, Grayson County, Antlers



Available Drawdown in Production Wells, Grayson County, Woodbine



Staff Recommendation and Notes



The results for Run 4.7 should have minimal effect on the District and the results will be non-relevant.



Manage Trinity Aquifer as a single aquifer and not have discrete aquifers.



Use Run 4.6 for the final DFC Run

ATTACHMENT 8

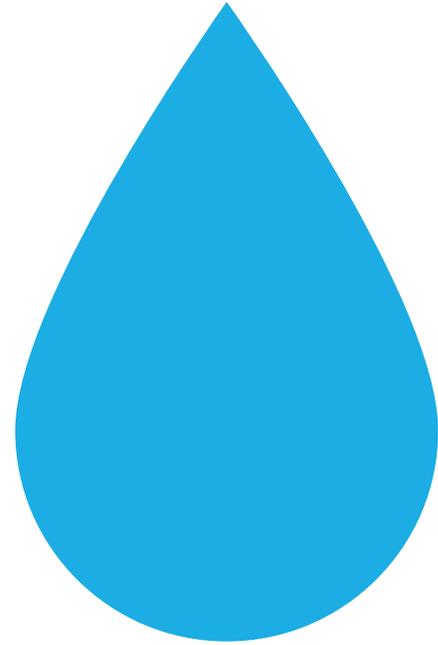


2024 Annual Report

September 18th, 2025
Board of Directors Meeting

RED RIVER
GROUNDWATER CONSERVATION DISTRICT

Goal 1:
Providing the
Most Efficient
Use of Water



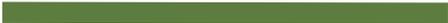
Exempt Wells Registered with the District

Use	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Total
<i>Agriculture</i>	4	3	1	5	5	0	0	2	0	1	2	0	1	24
<i>Commercial</i>	2	2	0	0	0	2	4	4	2	1	1	1	3	22
<i>Domestic</i>	46	61	40	69	65	66	68	50	67	71	95	60	60	818
<i>Golf Course</i>	0	2	0	1	0	0	0	0	0	0	0	0	0	3
<i>Industrial</i>	0	0	0	0	0	0	0	0	0	0	2	2	1	5
<i>Irrigation</i>	1	1	1	0	1	0	1	0	1	0	2	2	0	10
<i>Livestock</i>	6	9	7	9	4	4	1	2	1	6	1	1	0	51
<i>Monitoring</i>	8	0	2	0	0	1	0	12	0	0	0	0	0	23
<i>Oil / Gas</i>	1	3	1	0	0	0	0	0	0	0	0	0	0	5
<i>Other</i>	0	0	0	0	0	0	0	0	0	0	0	0	1	1
<i>Public Water</i>	41	9	1	0	0	1	1	0	0	6	0	0	0	59
<i>Surface Impoundments</i>	1	1	4	2	1	2	2	1	0	0	2	3	0	19
Total	110	91	57	86	76	76	77	71	71	85	105	69	66	1040

Non-exempt Wells Registered with the District

Use	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Total
<i>Agriculture</i>	9	4	4	0	0	0	2	1	2	1	9	1	0	33
<i>Commercial</i>	3	0	0	1	1	1	2	1	3	0	0	0	0	12
<i>Domestic</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Golf Course</i>	7	5	0	0	0	0	0	0	0	0	0	0	0	12
<i>Industrial</i>	0	0	0	0	0	0	0	0	0	2	0	1	0	3
<i>Irrigation</i>	0	0	1	0	0	0	0	0	1	0	0	0	0	2
<i>Livestock</i>	0	0	1	0	0	0	0	0	0	0	0	0	0	1
<i>Monitoring</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oil / Gas</i>	4	6	0	0	2	1	0	0	0	0	0	0	0	13
<i>Other</i>	0	0	0	0	0	0	0	0	0	1	0	0	1	2
<i>Public Water</i>	182	23	1	0	2	2	5	3	1	0	4	5	3	231
<i>Surface Impoundments</i>	1	0	0	4	1	0	0	1	2	1	4	0	1	15
Total	206	38	7	5	6	4	9	6	9	5	17	7	5	324

Wells Registered with the District



Use	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Total
<i>Agriculture</i>	13	7	5	5	5	0	2	3	2	2	11	1	1	57
<i>Commercial</i>	5	2	0	1	1	3	6	5	5	1	1	1	3	34
<i>Domestic</i>	46	61	40	69	65	66	68	50	67	71	95	60	60	818
<i>Golf Course</i>	7	7	0	1	0	0	0	0	0	0	0	0	0	15
<i>Industrial</i>	0	0	0	0	0	0	0	0	0	2	2	3	1	8
<i>Irrigation</i>	1	1	2	0	1	0	1	0	2	0	2	2	0	12
<i>Livestock</i>	6	9	8	9	4	4	1	2	1	6	1	1	0	52
<i>Monitoring</i>	8	0	2	0	0	1	0	12	0	0	0	0	0	23
<i>Oil / Gas</i>	5	9	1	0	2	1	0	0	0	0	0	0	0	18
<i>Other</i>	0	0	0	0	0	0	0	0	0	1	0	0	2	3
<i>Public Water</i>	223	32	2	0	2	3	6	3	1	6	4	5	3	290
<i>Surface Impoundments</i>	2	1	4	6	2	2	2	2	2	1	6	3	1	34
Total	316	129	64	91	82	80	86	77	80	90	122	76	71	1364

Well Inspections During 2024

2024 Well Inspections

Month	Fannin	Grayson	Total
January	0	16	16
February	3	10	13
March	5	23	28
April	2	27	29
May	0	11	11
June	0	14	14
July	1	7	8
August	0	6	6
September	0	10	10
October	5	2	7
November	1	22	23
December	0	3	3
Total	17	151	168

<i>Year</i>	<i>Fannin</i>	<i>Grayson</i>	<i>Total</i>
2010	6	25	31
2011	5	25	30
2012	7	10	17
2013	6	30	36
2014	5	10	15
2015	6	8	14
2016	7	10	17
2017	6	9	15
2018	5	11	16
2019	3	9	12
2020	5	23	28
2021	7	35	42
2022	7	35	42
2023	6	41	47
2024	9	45	54



Wells in District Monitoring Program

Percentage of Registered Non-Exempt Wells Meeting Reporting Requirements

Year	Percentage Meeting Reporting Requirements
2017	88%
2018	92%
2019	96%
2020	89%
2021	90%
2022	93%
2023	91%
2024	95%

Late Fees and Payments

2024	Late Fee	Late Payment
Number of Occurrences	60	52
% of Accounts with 1+ Occurrence	4%	3%
Amount Paid	8700	3312.96

Percentage of Registered Non-Exempt Wells Inspected Annually

Number of Exempt wells inspected (as of December 31, 2024)

County	Number of Wells Inspected (2024)	Total Number of Completed Wells*	%
Fannin	4	311	1%
Grayson	35	588	6%
Total	39	899	4%

Number of Non-Exempt wells inspected (as of December 31, 2024)

County	Number of Wells Inspected (2024)	Total Number of Completed Wells*	%
Fannin	13	90	14%
Grayson	92	228	40%
Total	105	318	33%

Year	Fannin	Grayson	Total
2012	1,083	9,568	10,651
2013	2,648	12,492	15,140
2014	2,621	12,739	15,360
2015	2,960	12,313	15,274
2016	2,973	11,750	14,723
2017	2,661	11,683	14,344
2018	3,143	16,521	19,664
2019	3,455	12,912	16,367
2020	3,454	13,398	16,851
2021	3,758	13,097	16,856
2022	4,981	14,582	19,562
2023	4,442	14,876	19,318
2024	4,454	16,226	20,679
Average	3,279	13,243	16,522

Non-Exempt Production by County (All Production is in Acre-Feet)

Non-Exempt Production by Aquifer (All Production is in Acre-Feet)

Year	River Alluvial	Trinity (Antlers)	Trinity (Paluxy)	Washita Group	Woodbine
2012	28	6,155	13	98	4,357
2013	31	7,387	131	218	7,373
2014	35	6,839	148	204	8,134
2015	125	7,169	276	139	7,566
2016	81	6,547	180	161	7,754
2017	47	6,703	248	145	7,200
2018	50	7,499	398	131	11,585
2019	201	6,511	221	120	9,315
2020	213	6,839	246	120	9,433
2021	254	6,981	289	121	9,211
2022	334	7,806	394	132	10,897
2023	249	7,810	388	73	10,799
2024	327	8,348	363	59	11,582
Average	152	7,123	253	132	8,862

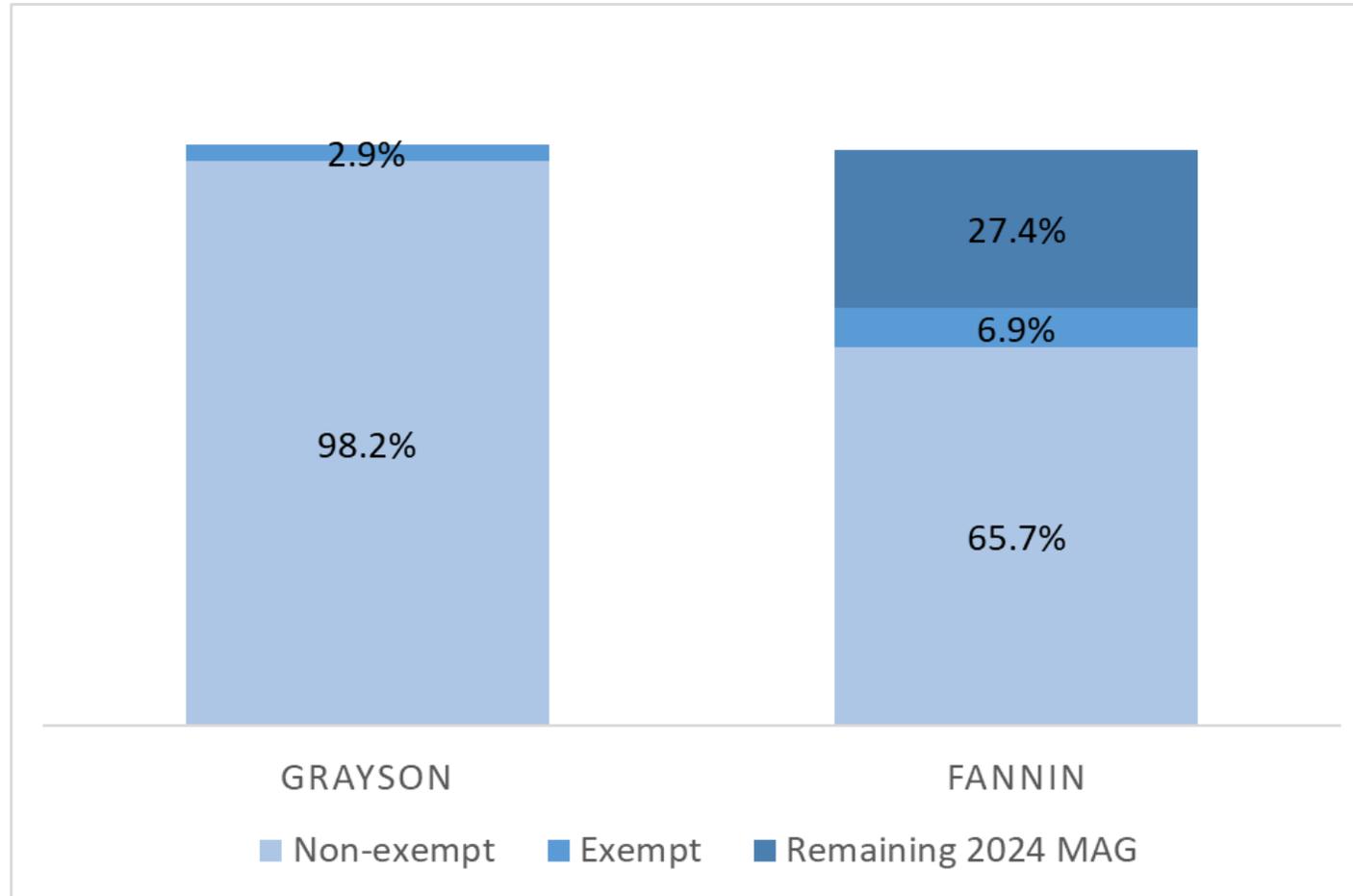
Non-Exempt Production by Use (All Production is in Acre-Feet)

Use	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Average
<i>Public Water</i>	10,092	13,562	13,354	13,715	13,045	13,072	18,325	15,063	14,953	15,159	17,220	16,872	17,769	14,785
<i>Agriculture</i>	517	1,042	1,115	853	1,100	1,032	1,043	1,040	1,549	1,326	1,661	1,872	2,432	1,276
<i>Commercial</i>	0	0	0	0	50	4	37	47	120	165	257	176	89	73
<i>Golf Course</i>	0	364	590	606	373	148	197	157	152	160	168	172	161	250
<i>Industrial</i>	0	0	0	0	0	0	0	0	0	0	0	15	48	5
<i>Irrigation</i>	0	0	0	3	4	3	5	4	3	3	6	5	4	3
<i>Livestock</i>	0	0	0	11	0	0	0	0	0	0	2	2	1	1
<i>Monitoring</i>	42	66	151	63	15	62	40	26	41	0	8	0	0	40
<i>Oil / Gas</i>	0	103	105	1	130	4	0	0	0	0	1	2	2	27
<i>Other</i>	0	0	0	0	0	0	0	0	0	0	95	30	0	10
<i>Surface Impoundments</i>	0	3	45	22	6	19	18	31	33	42	143	172	174	54

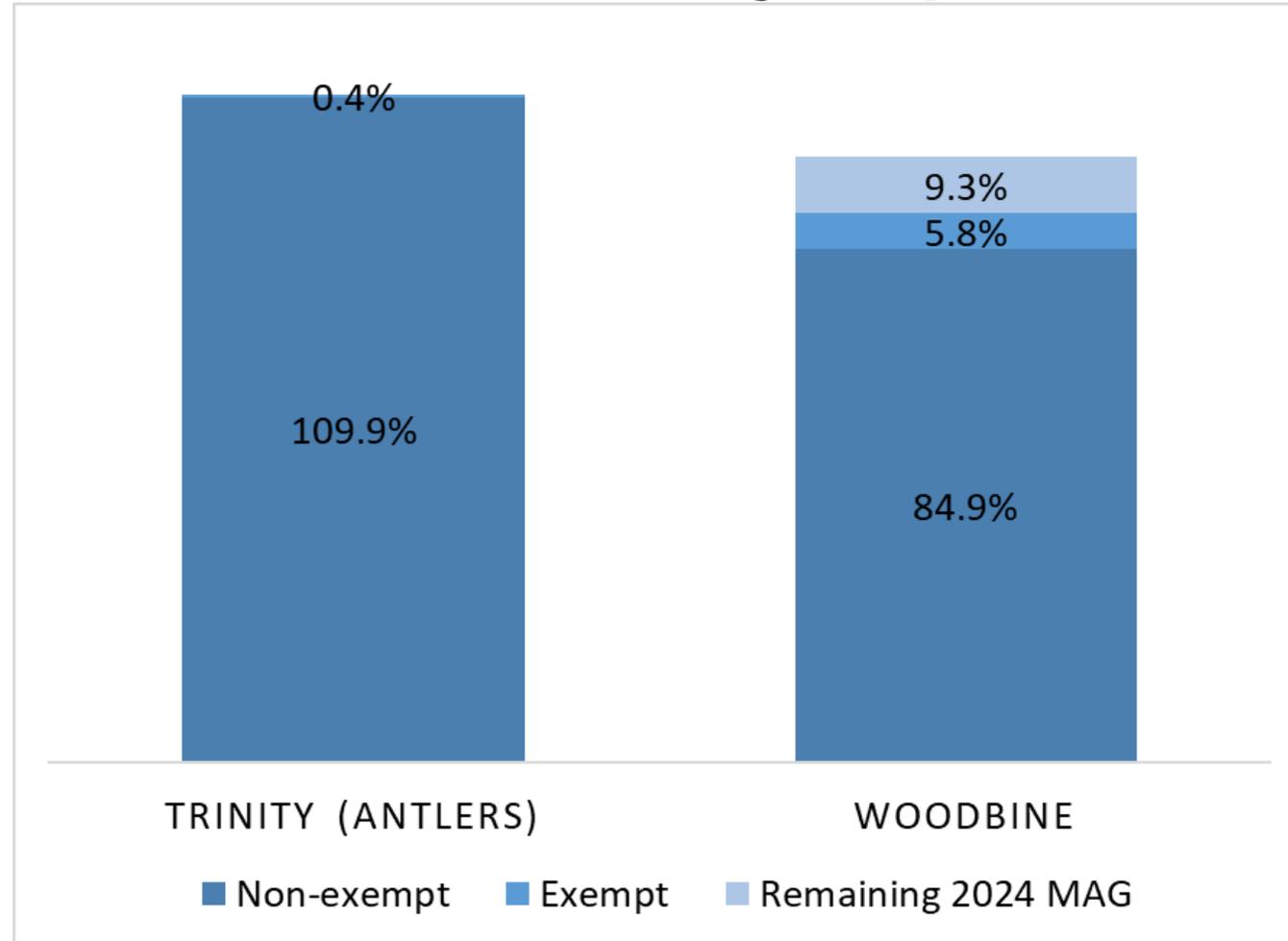
Estimated Exempt Production (All Production is in Acre-Feet)

<i>Use</i>	<i>Active Wells</i>	<i>Estimated Production (Ac-ft)</i>	<i>3x Estimated Production (Ac-ft)</i>	<i>Methodology</i>
<i>Agriculture</i>	19	366	1098	Average time pumping per day of 2 hours Assumed average consumption is 150 gallons per day
<i>Commercial</i>	19	4	12	Assumed average consumption is 150 gallons per day
<i>Domestic</i>	743	149	446	Assumed average consumption is 150 gallons per day
<i>Golf Course</i>	2	3	8	Average time pumping per day of 2 hours
<i>Irrigation</i>	9	23	69	Average time pumping per day of 2 hours
<i>Livestock</i>	45	315	945	Average time pumping per day of 6 hours
<i>Oil / Gas</i>	3	8	24	Average time pumping per day of 2 hours
<i>Surface Impoundments</i>	16	141	423	Average time pumping per day of 2 hours
<i>Total</i>	896	1009	3025	

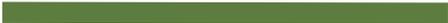
Average Production Compared to 2024 MAG by County



Average Production Compared to 2024 MAG by Aquifer



Permits Approved by the Board



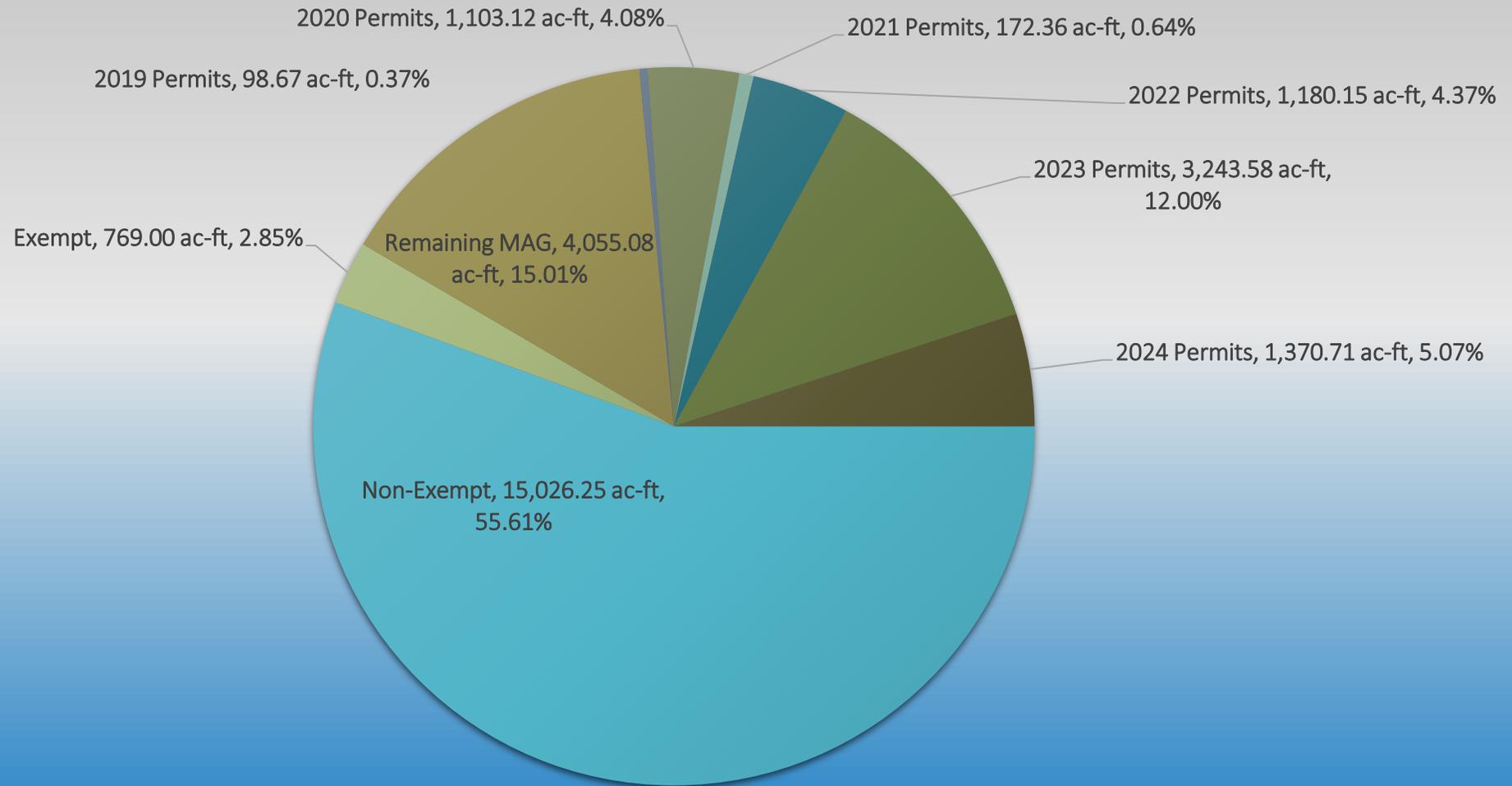
Year	New Permits	# of Wells	Requested Amount (gal)
2022	15	32	384,551,969
2023	8	20	1,056,922,972
2024	9	15	446,647,030
Total	32	67	1,888,121,971

Aquifer	2022	2023	2024
Trinity (Antlers)	4	5	2
Woodbine	9	3	7
Total	13	8	9

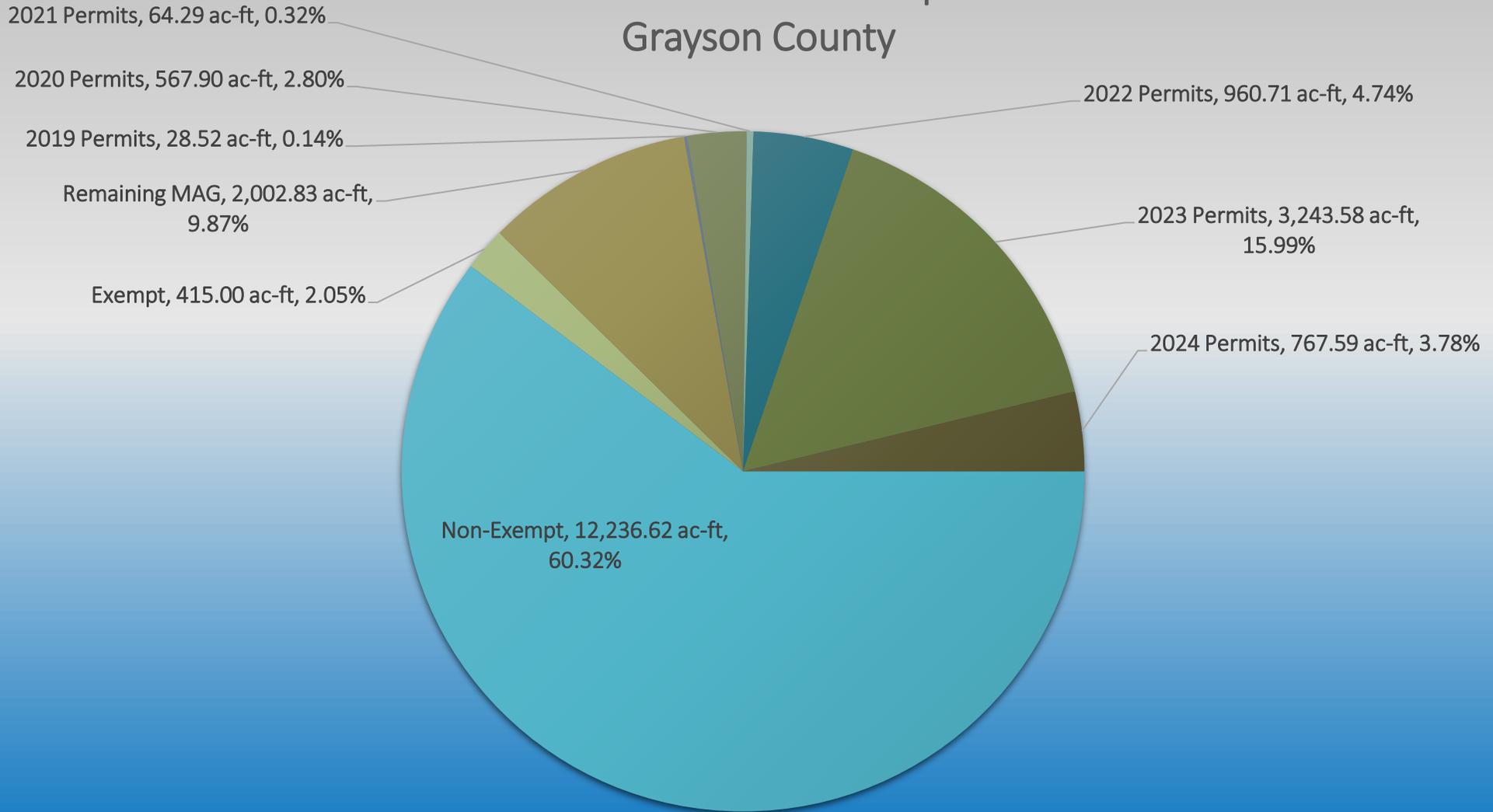
Permits Approved by the Board

Use	2022	2023	2024
Agriculture	3	1	3
Surface Impoundments	8	0	0
Concrete Production	0	0	1
Construction	0	0	1
Fire Suppression	0	0	0
Landscape Irrigation	0	1	0
Oil/Gas	0	0	0
Public Water	4	2	3
Livestock	0	1	0
Industrial	0	3	0
Lift Station Maintenance	0	0	1
Total	15	8	9

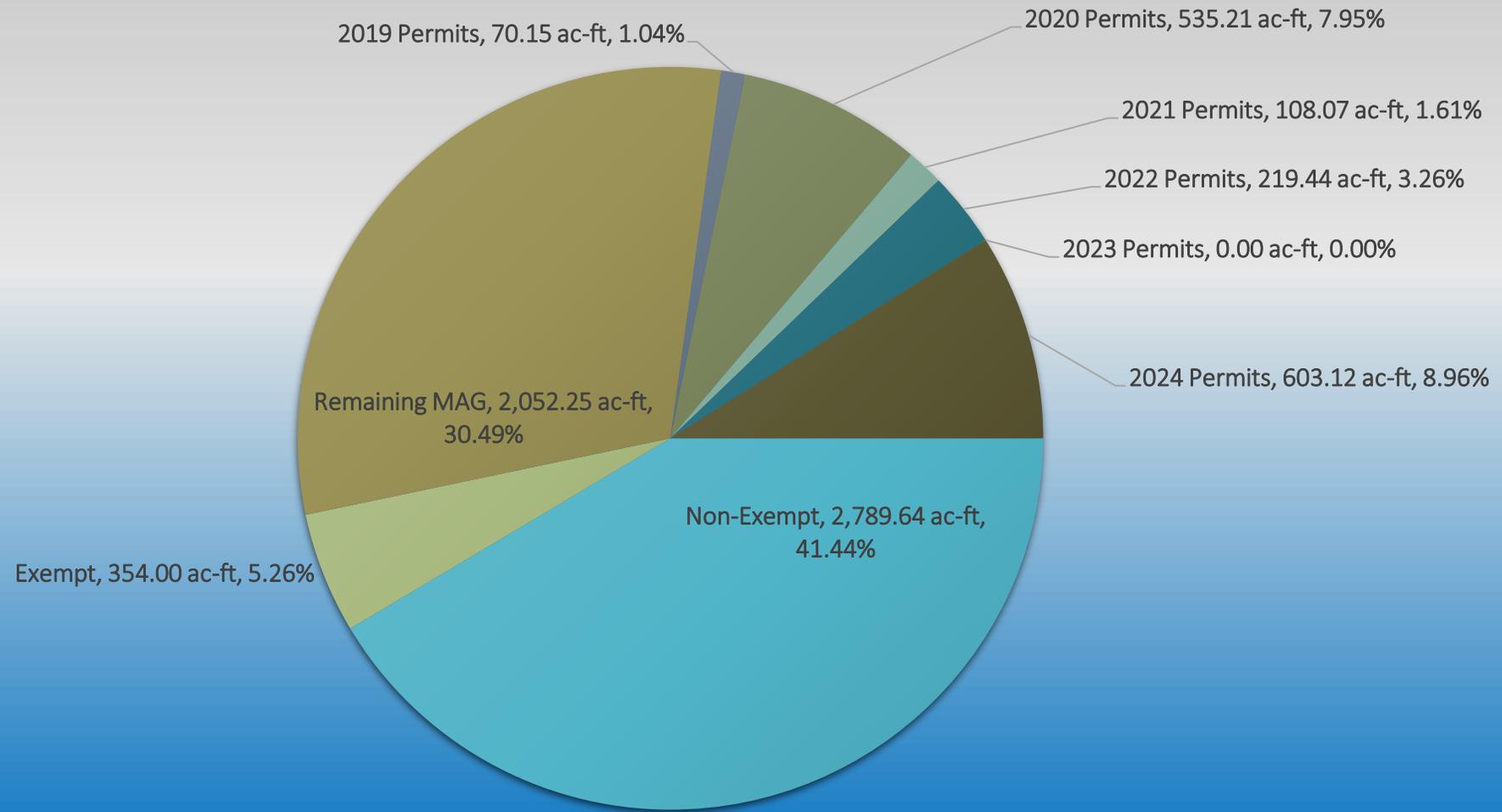
Red River GCD MAG Report District Wide



Red River GCD MAG Report Grayson County

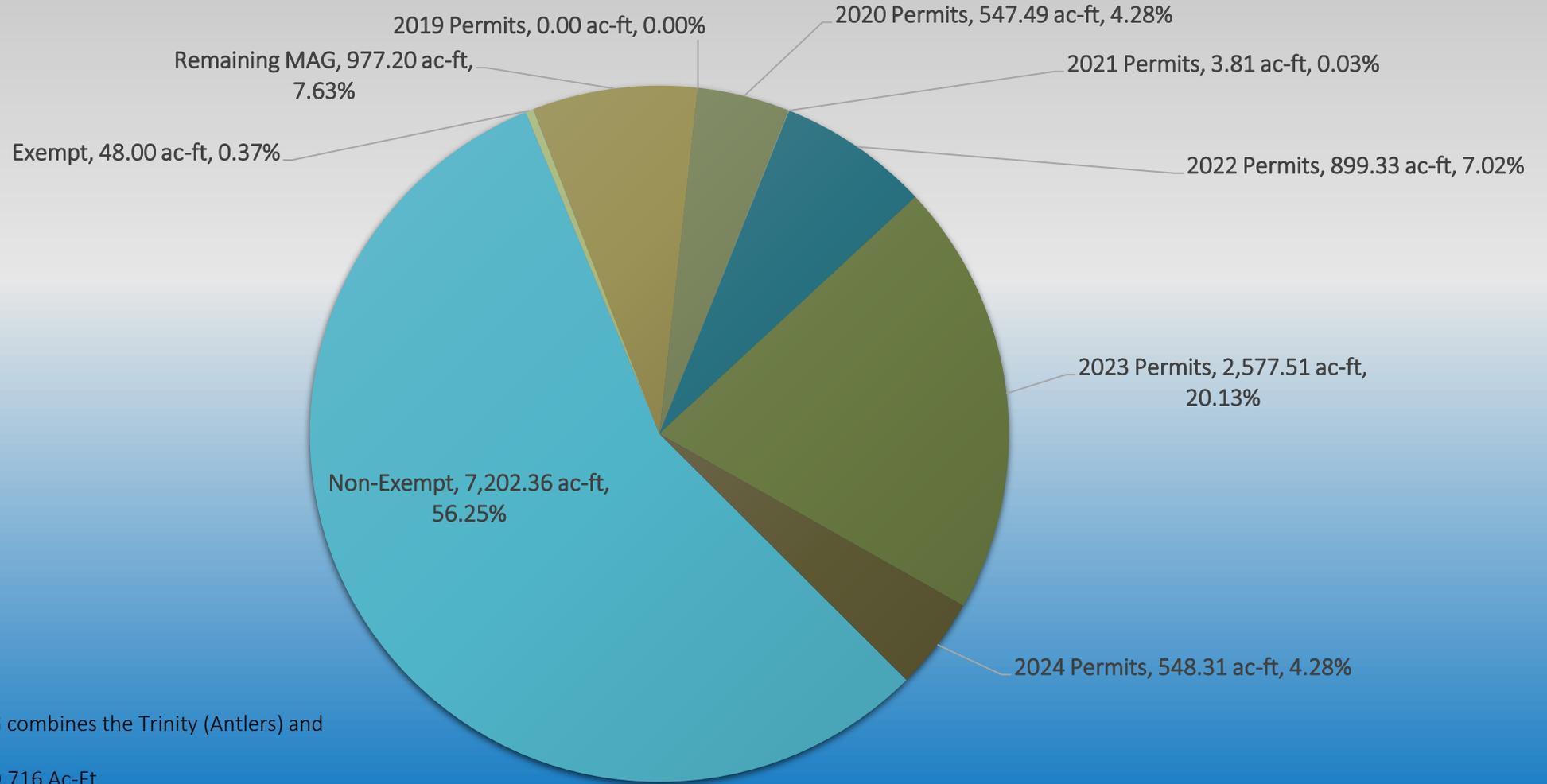


Red River GCD MAG Report Fannin County



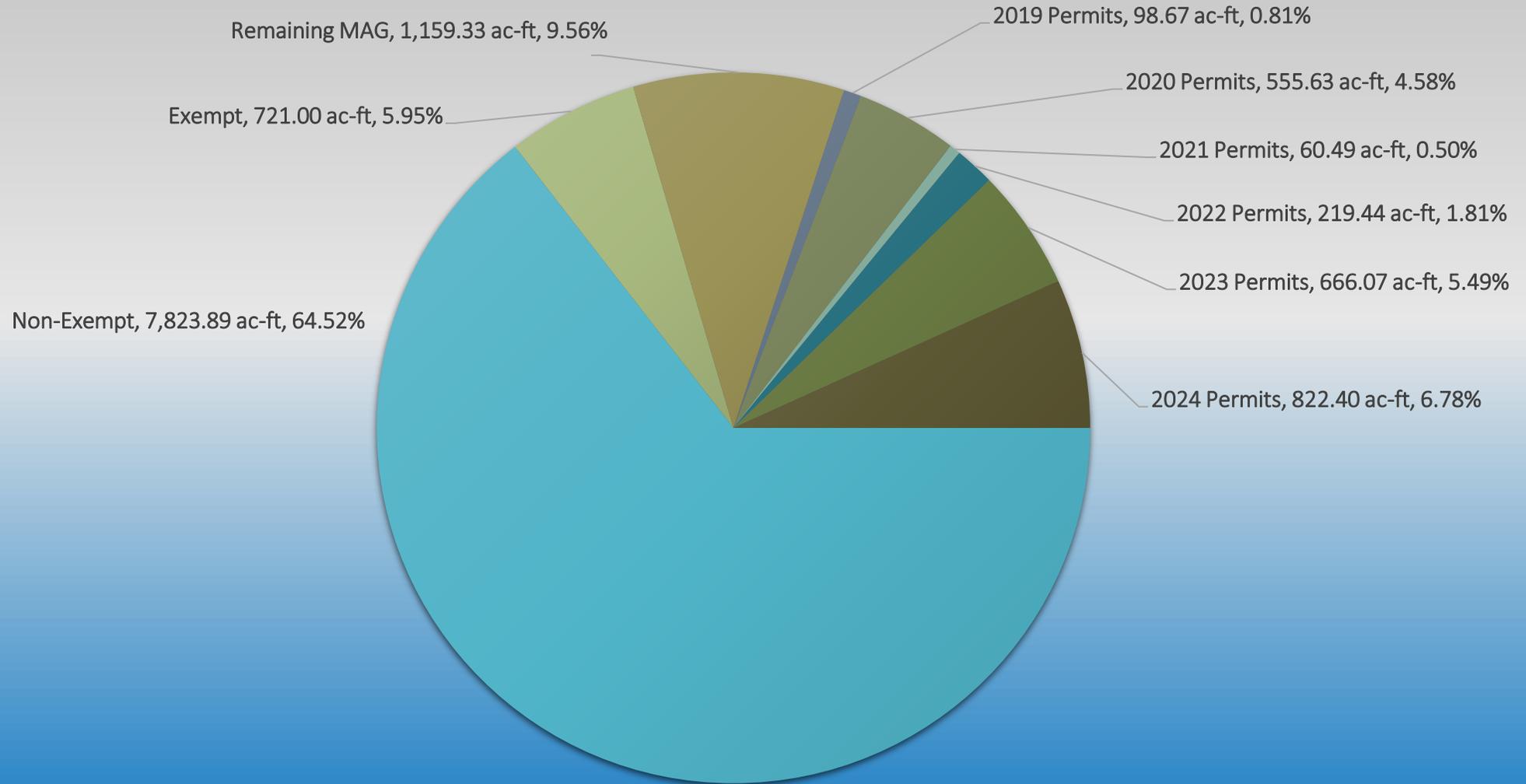
Red River GCD MAG Report

Trinity Aquifer



Note: Trinity Aquifer MAG combines the Trinity (Antlers) and Trinity (Paluxy) MAG.
Trinity (Antlers) MAG = 10,716 Ac-Ft
Trinity (Paluxy) MAG = 2,088 Ac-Ft

Red River GCD MAG Report Woodbine



Actual Production vs Permitted Amount

2024

Approved Permits	6
Permitted Amount	243,840,304
Annual Production	123,655,164
Percentage	51%

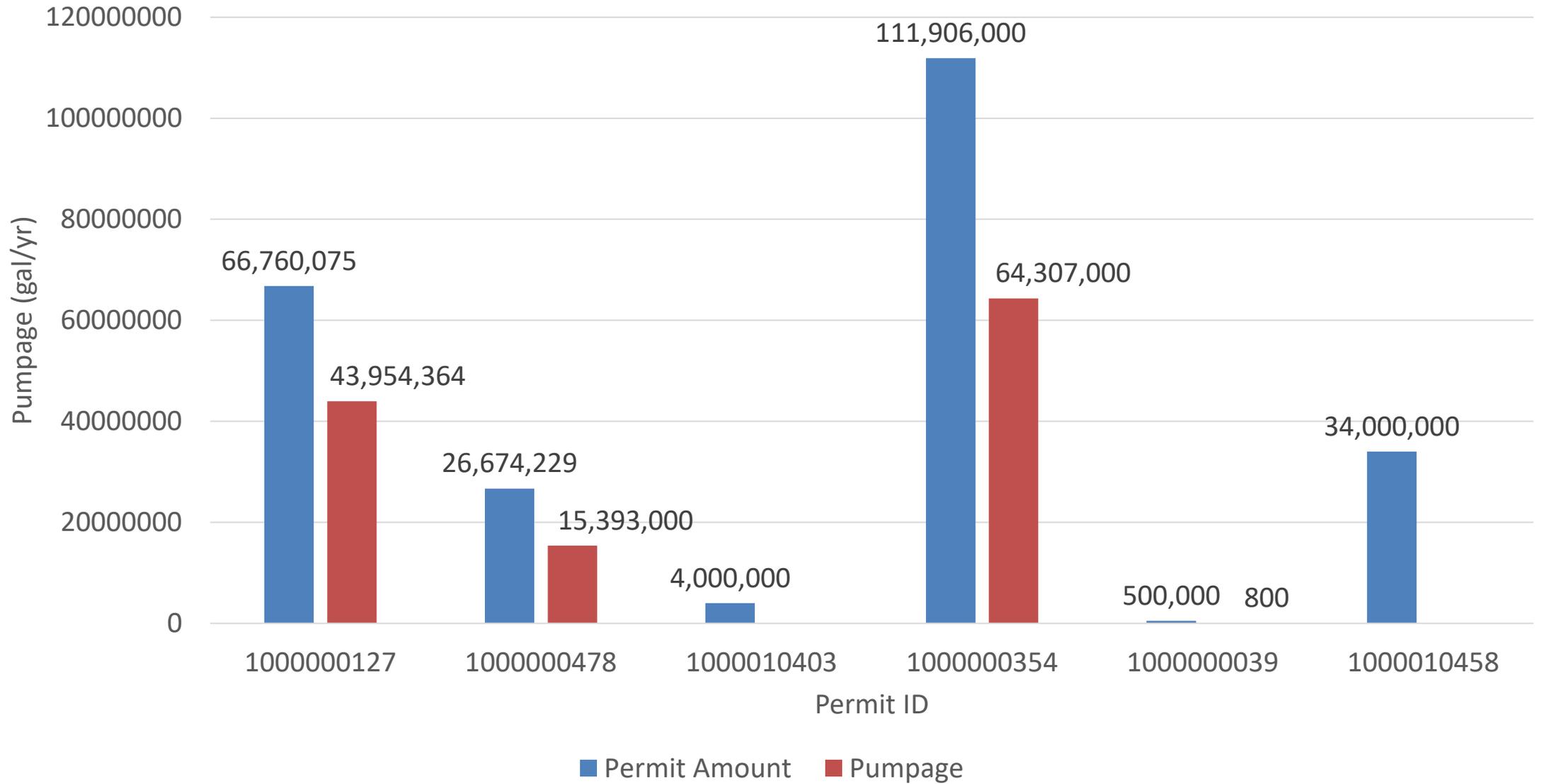
2023

Approved Permits	9
Permitted Amount	1,080,664,681
Annual Production	718,176,821
Percentage	66%

2022

Approved Permits	8
Permitted Amount	486,773,649
Annual Production	439,174,799
Percentage	90%

Pumpage vs Permit Amount





Goal 2:
Controlling and
Preventing Waste
of Groundwater

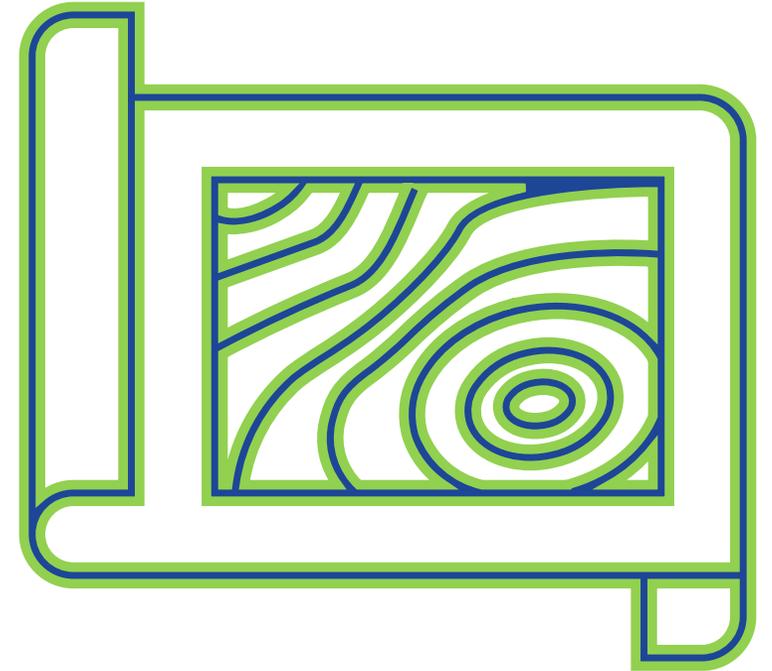
Total Fees Paid and Groundwater Usage Based on the Fees Paid

Year	Total Fees Paid	Total Groundwater Used (gallons)
2016	\$303,474.94	4,331,070,580
2017	\$302,897.59	4,327,108,428
2018	\$337,667.83	4,823,826,143
2019	\$357,879.11	5,112,558,714
2020	\$343,835.00	4,911,928,571
2021	\$329,155.00	5,063,923,077
2022	\$352,855.19	5,428,541,385
2023	\$369,222.02	5,680,332,781
2024	\$393,618.96	6,055,670,252
Average	\$343,400.63	5,081,662,215

Violations and Investigations of Potential Waste of Groundwater

- 1 owner accounting for 1 violation
- No reports of potential waste

Goal 3: Controlling and Preventing Subsidence



Due to the geology of the Northern Trinity/Woodbine Aquifers in the District, problems resulting from water level declines causing subsidence are not technically feasible and as such, a goal addressing subsidence is not applicable. The District's Hydrogeologist presented subsidence information to the Board of Directors in 2019.



Goal 4: Addressing Conjunctive Surface Water Management Issues

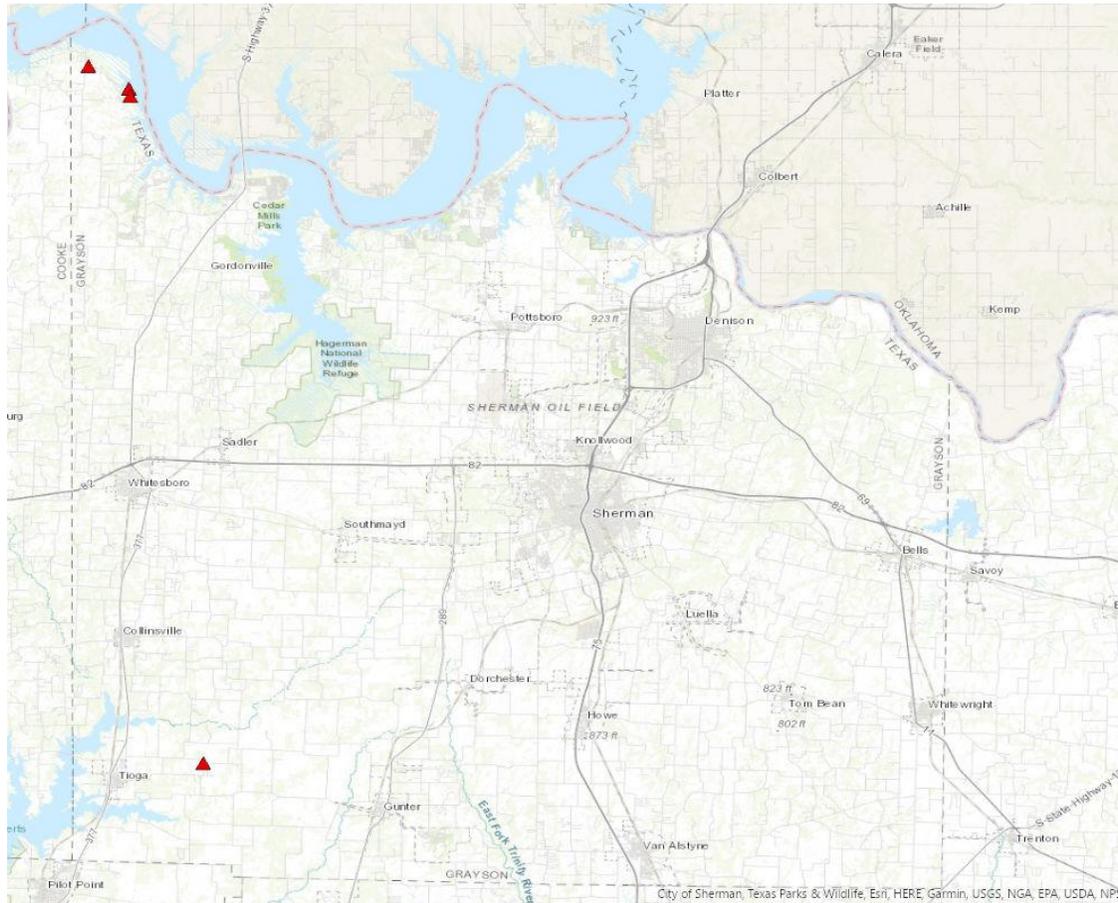
Region C and GMA 8

- Region C Water Planning Group held 4 meetings in 2024, on April 29th, September 30th, October 16th, and October 28th. General Manager Paul Sigle attended the meetings.
- Groundwater Management Area 8 (GMA 8) held 3 meetings in 2024, on May 15th, September 5th, and October 31st. General Manager Paul Sigle, Board Member David Gattis, and District Staff attended the meetings.

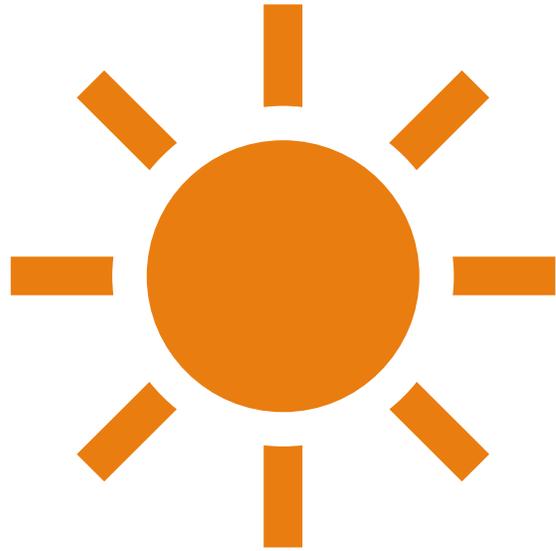
Goal 5: Addressing Natural Resource Issues



Injection Wells

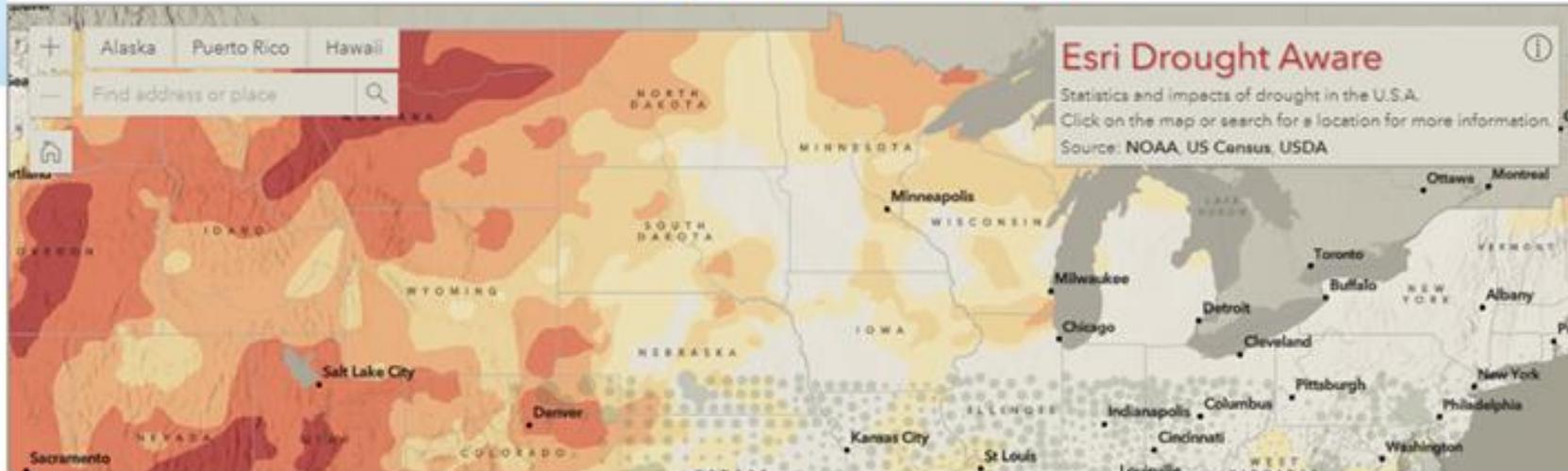


Four applications for injection wells were submitted in 2024 with no protest from the GCD



Goal 6: Addressing Drought Conditions

Drought Information



Drought Information

Goal 7: Addressing
Conservation, Recharge
Enhancement,
Rainwater Harvesting,
Precipitation
Enhancement, and
Brush Control



Water Conservation x +

www.redrivergcd.org/water-conservation.html 80%

Phone : (800) 256-0935 Fax: (903) 786-8211

RED RIVER
GROUNDWATER CONSERVATION DISTRICT

Home Page District Information Meetings Well Registration Report Usage Billing Contact Us More

Water Conservation

Links

- [Home Water Conservation Guide](#)
- [Home Water Works home water usage water calculator](#)
- [25 things you can do to save water](#)
- [How to Conserve Water in the Bathroom](#)
- [Home Intelligence At-Home Water Conservation Guide](#)
- [Drought Preparedness Council Situation Report](#)

Best Management Practices

- [TWDB Best Management Practices for Conservation](#)
- [Agricultural Best Management Practices](#)
- [Municipal Best Management Practices](#)
- [Wholesale Supplier Best Management Practices](#)
- 2011 Region C Water Plan - Chapter 4 - Identification, Evaluation, and Selection of Water Management Strategies ([4A](#), [4B](#), [4C](#), [4D](#), [4E](#), [4F](#), [4G](#), [4H](#))
- [Water Advisory Council Best Management Practices](#)

Brochures

- [A Watering guide for Texas Landscape](#)
- [Water Conservation for Industries, Businesses, and Institutions](#)
- [Water Conserving Tips](#)
- [Conserving Water Indoors](#)
- [Conserving Water Outdoors](#)
- [Agricultural Water conservation Irrigation Water Use Management Best Management Practices](#)
- [Agricultural Water Conservation Best Management Practices Overview](#)

Brochures In Spanish

- [Cuarenta Y Nueve Consejos Practicos Para Conservar Agua \(Forty-Nine Water Saving Tips\)](#)
- [Xeriscape \(Xeriscape - Principles and Benefits\)](#)
- [The Dillos Demonstrate Wordless Water Conservation](#)

Brush Control Links

- [State Water supply Enhancement Plan \(January 2017\)](#)
- [Texas State Soil and Water Conservation Board](#)
- [AgriLife Extension Texas A&M System Brush Control Program](#)

Rainwater Harvesting Links

- [TWDB Rainwater Harvesting Information](#)
- [Texas Water by Texas A&M](#)
- [TWDB Manual on Rainwater Harvesting](#)
- [Harvesting Rainwater with Rain Barrels](#)

Conservation Links of the District Website



Goal 8: Achieving Desired Future Conditions of Groundwater Resources

Summary

Woodbine Well Analysis

Woodbine Spatial Analysis

Paluxy Well Analysis

Paluxy Spatial Analysis

Glen Rose Well Analysis

Glen Rose Spatial Analysis

Antlers Well Analysis

Antlers Spatial Analysis

Twin Mountains Well Analysis

Twin Mountains Spatial Analysis



Select County or entire GCD

GCD

DFC Summary for Slope Analysis

Aquifer	County	Adopted DFC (ft of Avg. Drawdown)	DFC Period (Years)	Annual DFC (ft/yr of Avg. Drawdown)	Current Trend (ft/yr of Avg. Drawdown)	Current Status (+ indicates value above DFC/ - indicates value below DFC)
Woodbine	GCD	278	60	-4.63	-0.72	3.91
Paluxy	GCD	671	60	-11.18	-6.38	4.8
Glen Rose	GCD	341	60	-5.68		
Antlers	GCD	290	60	-4.83	-2.78	2.05
Twin Mountains	GCD	569	60	-9.48	-7.11	2.37

DFC Summary for Spatial Analysis

Aquifer	County	Adopted DFC (ft of Avg. Drawdown)	DFC Period (Years)	Annual DFC (ft/yr of Avg. Drawdown)	Current Trend (ft/yr of Avg. Drawdown)	Current Status (+ indicates value above DFC/ - indicates value below DFC)
Woodbine	GCD	278	60	-4.63	13.11	17.74
Paluxy	GCD	671	60	-11.18	9.98	21.16

DFC Evaluation Tool

Current Aquifer Trends and DFC Status

Aquifer	County	Slope	Spatial
Trinity (Antlers)	Grayson	4.05	-23.42
Trinity (Antlers)	Fannin		-25.29
Trinity (Paluxy)	Grayson		
Trinity (Paluxy)	Fannin	12.1	
Woodbine	Grayson	3.93	2.2
Woodbine	Fannin	4.94	-46.72

ATTACHMENT 10 b.

RED RIVER GROUNDWATER CONSERVATION DISTRICT
Well Registration Summary
 (as of 1/31/2026)

Well Type	Fannin	Grayson	Total RRGCD	New Registrations January 2026
Domestic	305	514	819	8
Public Water	63	200	263	0
Livestock	18	31	49	0
Agriculture	27	29	56	1
Commercial	10	24	34	0
Surface Impoundments	13	20	33	0
Oil / Gas	0	17	17	0
Golf Course	1	14	15	0
Irrigation	2	11	13	0
Monitoring	1	11	12	0
Industrial	0	11	11	0
*Other	1	3	4	0
TOTALS	441	885	1326	9

NOTE: Plugged wells have been excluded
***Construction Water**

RED RIVER GROUNDWATER CONSERVATION DISTRICT
Well Registration Summary
 (as of 2/28/2026)

Well Type	Fannin	Grayson	Total RRGCD	New Registrations February 2026
Domestic	305	520	825	6
Public Water	63	200	263	0
Livestock	18	31	49	0
Agriculture	27	29	56	0
Commercial	10	24	34	0
Surface Impoundments	13	20	33	0
Oil / Gas	0	17	17	0
Golf Course	1	14	15	0
Irrigation	2	11	13	0
Monitoring	1	11	12	0
Industrial	0	11	11	0
*Other	1	3	4	0
TOTALS	441	891	1332	6

NOTE: Plugged wells have been excluded
***Construction Water**

ADJOURN