

**RED RIVER  
GROUNDWATER  
CONSERVATION  
DISTRICT**

**PERMIT HEARING AND BOARD MEETING**

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

**THURSDAY  
FEBRUARY 19, 2026  
10:00 AM**

NOTICE OF PUBLIC MEETING  
OF THE  
BOARD OF DIRECTORS OF THE

**RED RIVER GROUNDWATER CONSERVATION DISTRICT**  
**Thursday, February 19, 2026, at 10:00 a.m.**

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

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**Final Permit Hearing**

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. 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*.
4. Adjourn or continue final permit hearing

## Board Meeting

The Board Meeting will begin 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”) 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. Update and possible action regarding the process for the development of Desired Future Conditions (DFC).
7. Receive the Annual Report for 2024.
8. Consider and act upon compliance and enforcement activities for violations of District Rules.
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
  - b. Well Registration Summary
10. Open forum / discussion of new business for future meeting agendas.
11. Adjourn.

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

<sup>2</sup>At 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.

<sup>3</sup>Persons 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.

<sup>4</sup>For questions regarding this notice, please contact Velma Starks at (800) 256-0935, at [rrgcd@redrivergcd.org](mailto: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

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**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.

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Recording Secretary

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Secretary-Treasurer

ATTACHMENT 5 a.

RESOLUTION NO. 2026-02-19-01

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

The following liabilities are hereby presented for payment:

	<u>Amount</u>
<b><u>Administrative Services</u></b>	
GTUA - Monthly expenses for January 2026	\$15,677.56
<b><u>Contract Services</u></b>	
Advanced Groundwater Solutions - Hydrogeologic consulting	\$12,323.13
<b><u>Direct Costs</u></b>	
Feast on This	\$351.00
LRE Water LLC - Equipment database	\$4,622.88
Nextraq	\$32.00
Statewise Plat Service	\$100.00
<b><u>Legal</u></b>	
Stacey Reese Law LLC	\$136.00
State Office of Administrative Hearings	\$12,883.20
<b><u>GMA8 Fees</u></b>	
NTGCD	\$1,168.01
<b><u>Reimbursement</u></b>	
North Texas GCD ( Advanced Groundwater Solutions )	\$26,299.76
<b>GRAND TOTAL:</b>	<b><u><u>\$73,593.54</u></u></b>

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 19th. day of February 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 January 31, 2026

Jan 31, 26

### ASSETS

#### Current Assets

##### Checking/Savings

10001 CASH-First United 29,686.84

Total Checking/Savings 29,686.84

##### Accounts Receivable

10025 A/R CONSUMPTION 122,356.43

10101 ALLOWANCE FOR UNCOLLECT -1,530.00

10210 A/R WELL APPLICATION FEES -4,300.00

Total Accounts Receivable 116,526.43

##### Other Current Assets

10010 INVESTMENTS 843,494.12

10230 PP EXPENSES 1,679.55

10300 Undeposited Funds 3,568.44

Total Other Current Assets 848,742.11

Total Current Assets 994,955.38

**TOTAL ASSETS 994,955.38**

### LIABILITIES & EQUITY

#### Liabilities

##### Current Liabilities

##### Accounts Payable

23100 ACCOUNTS PAYABLE 35,724.44

Total Accounts Payable 35,724.44

##### Other Current Liabilities

23150 DRILLERS DEPOSIT LIAB 23,600.00

23160 DEPOSIT-SOAH 5,237.28

Total Other Current Liabilities 28,837.28

Total Current Liabilities 64,561.72

Total Liabilities 64,561.72

#### Equity

35100 RETAINED EARNINGS 945,890.13

Net Income -15,496.47

Total Equity 930,393.66

**TOTAL LIABILITIES & EQUITY 994,955.38**

**RED RIVER GROUNDWATER**  
**Profit & Loss Budget vs. Actual**  
**January 31, 2026**

	<u>Current Actual</u>	<u>Current Budget</u>	<u>YTD Actual</u>	<u>Total Budget</u>	<u>% of Budget Remaining</u>
<b>Income</b>					
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	900.00	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%
<b>Total Income</b>	<u>900.00</u>	<u>3,125.00</u>	<u>900.00</u>	<u>305,500.00</u>	<u>99.71%</u>
<b>Gross Profit</b>	900.00	3,125.00	900.00	305,500.00	
<b>Expense</b>					
77010 ADMINISTRATIVE COST	5,619.25	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	4,827.00	4,583.00	4,827.00	55,000.00	91.22%
77040 DIRECT COST	719.57	1,250.00	719.57	15,000.00	95.20%
77045 FIELD PERMITTING SPECIAL	2,054.00	2,917.00	2,054.00	35,000.00	94.13%
77450 DUES & SUBSCRIPTIONS	0.00	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	1,347.74	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	0.00	1,667.00	0.00	20,000.00	100.00%
78010 MEETINGS AND CONFEREN	351.00	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	222.01	250.00	222.01	3,000.00	92.60%
78770 - TRANSPORTATION	269.99	250.00	269.99	3,000.00	91.00%
<b>Total Expense</b>	<u>16,396.47</u>	<u>39,142.00</u>	<u>16,396.47</u>	<u>477,500.00</u>	<u>96.57%</u>
<b>Net Income</b>	<u><u>-15,496.47</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

# 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

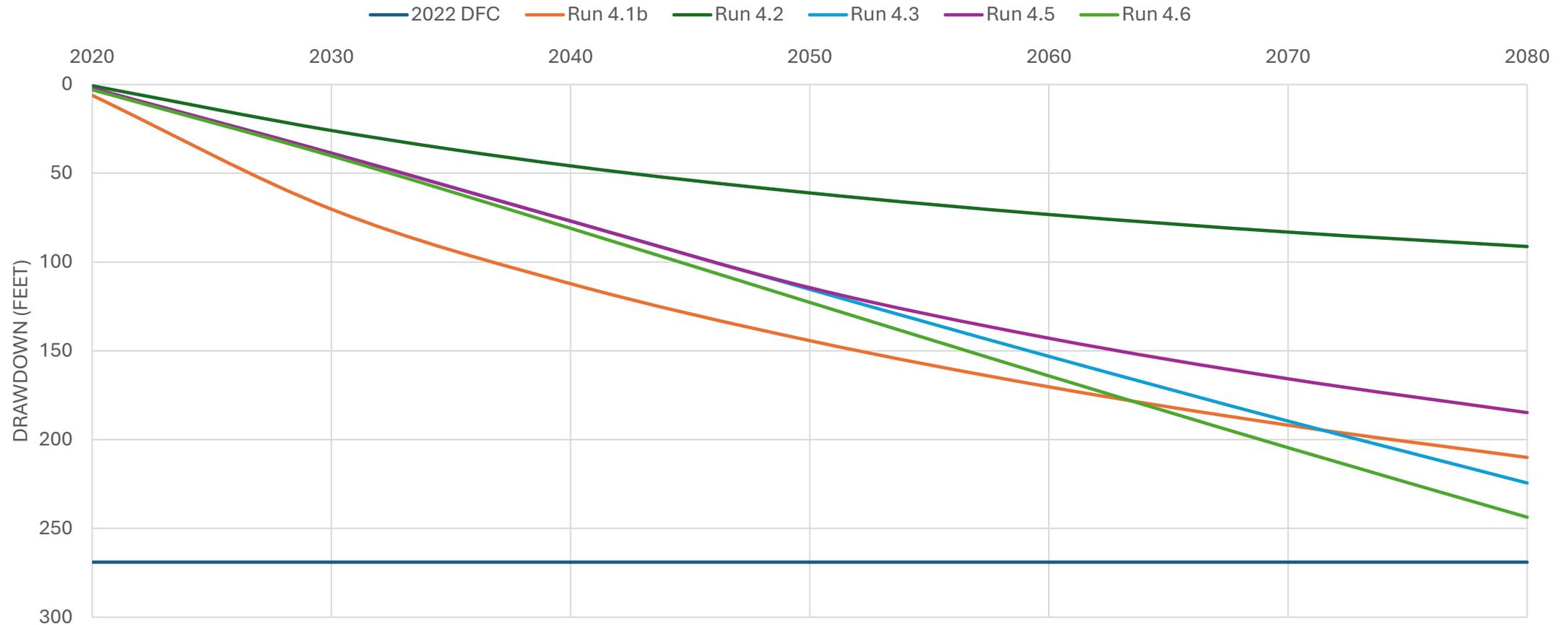
Run 4.7 – Modify the production of Williamson County in Run 4.6

Run 4.8 – Final DFC Run

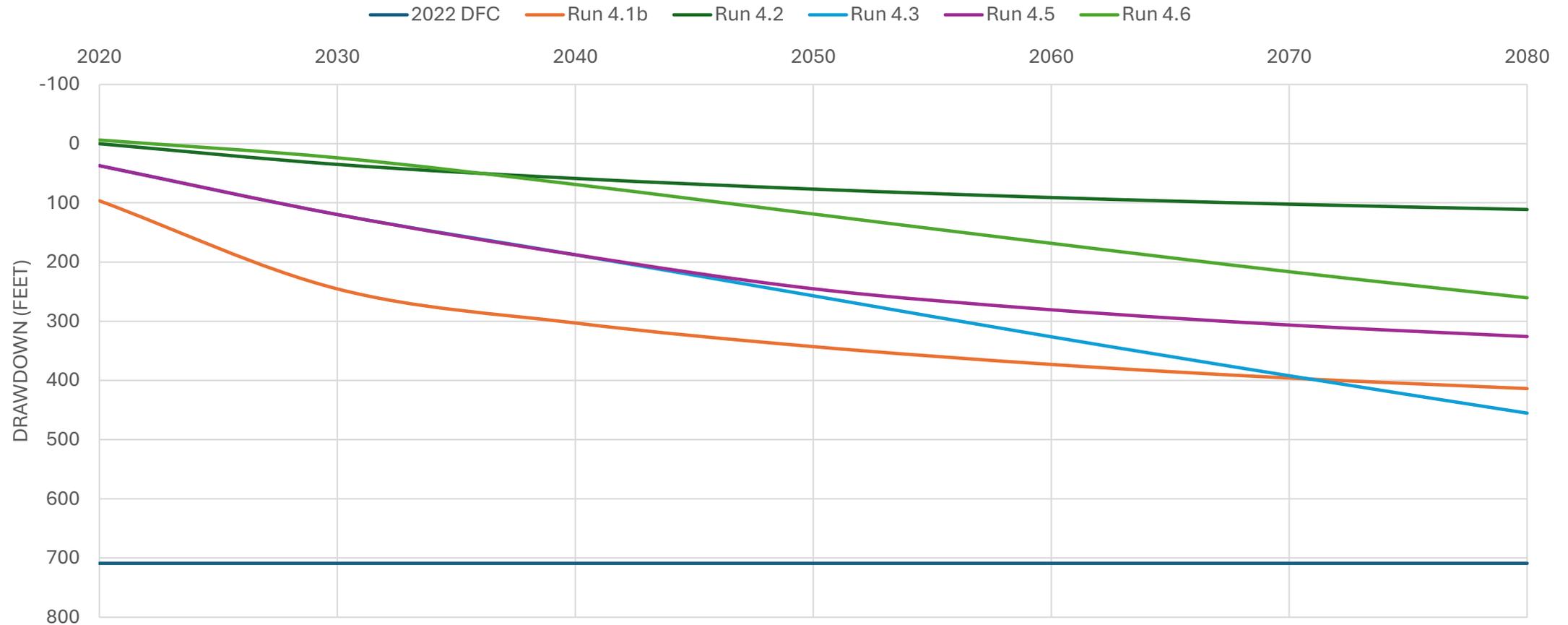
# Results for Fannin County



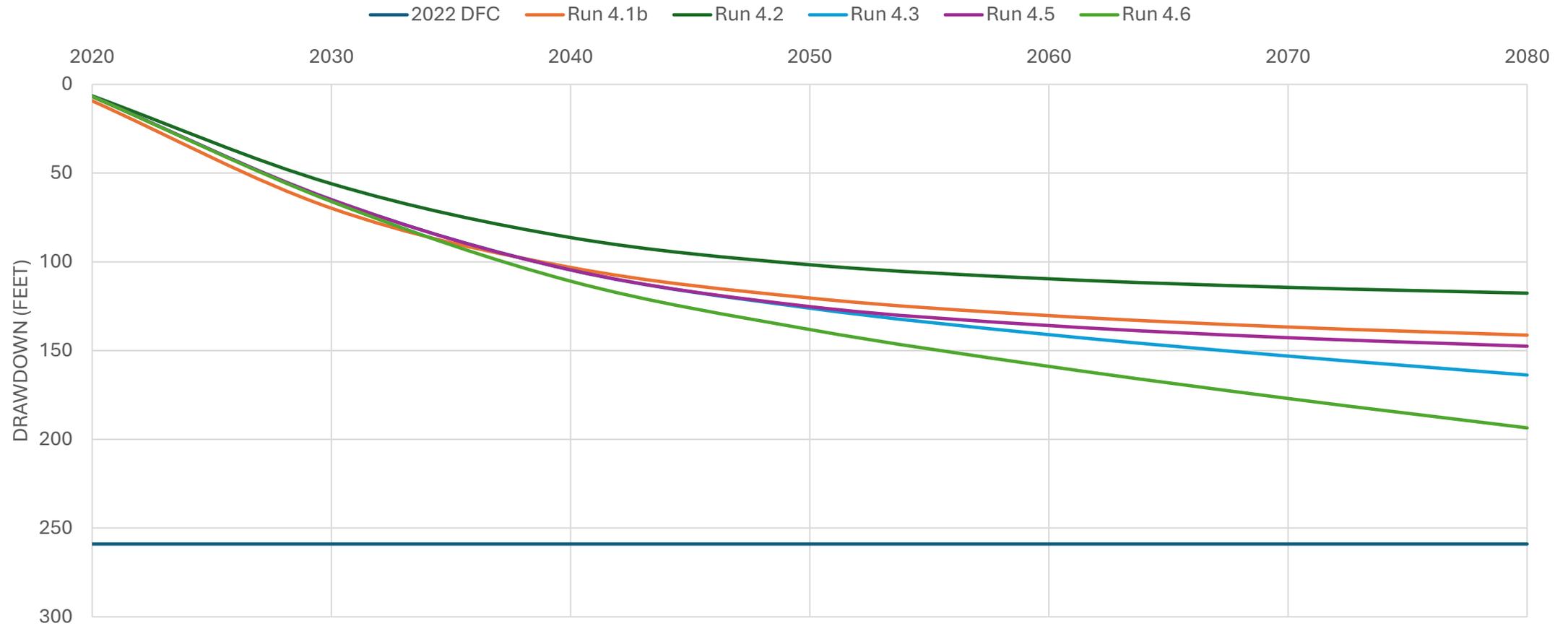
# Desired Future Conditions (in feet), Fannin County, Antlers



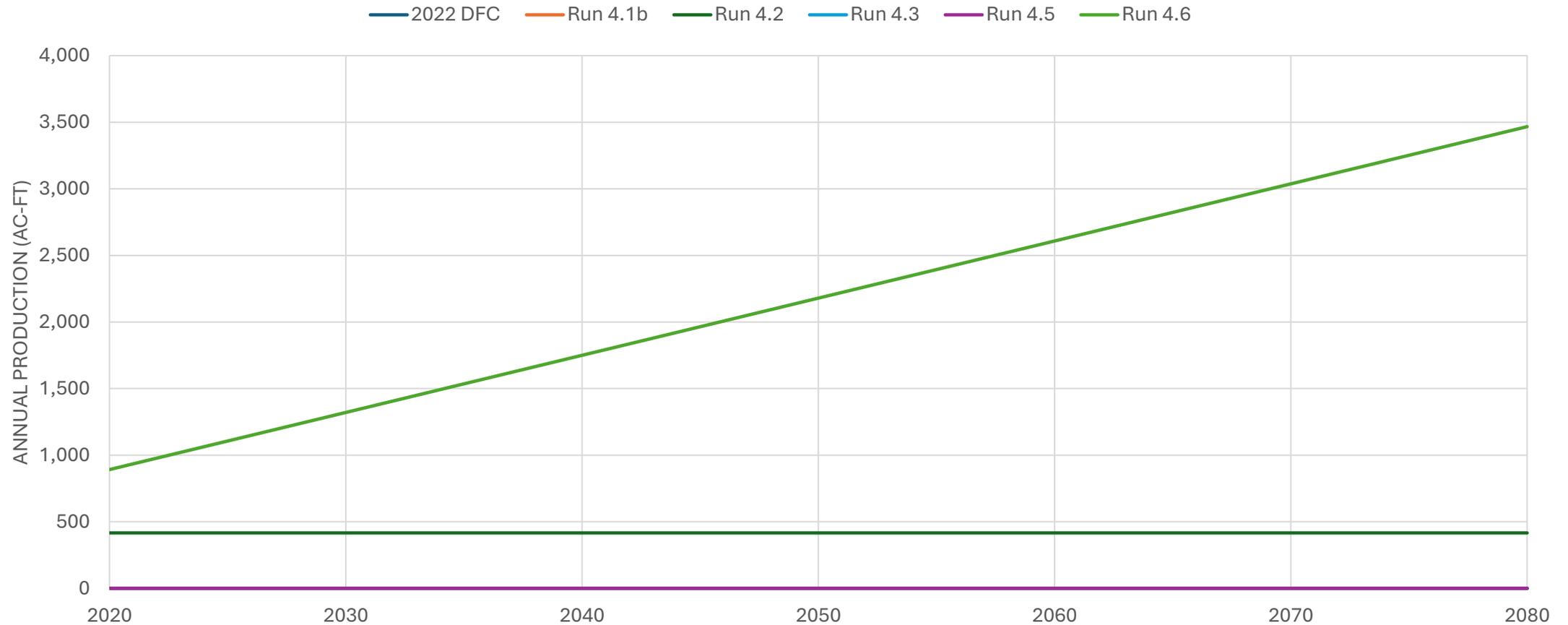
# Desired Future Conditions (in feet), Fannin County, Paluxy



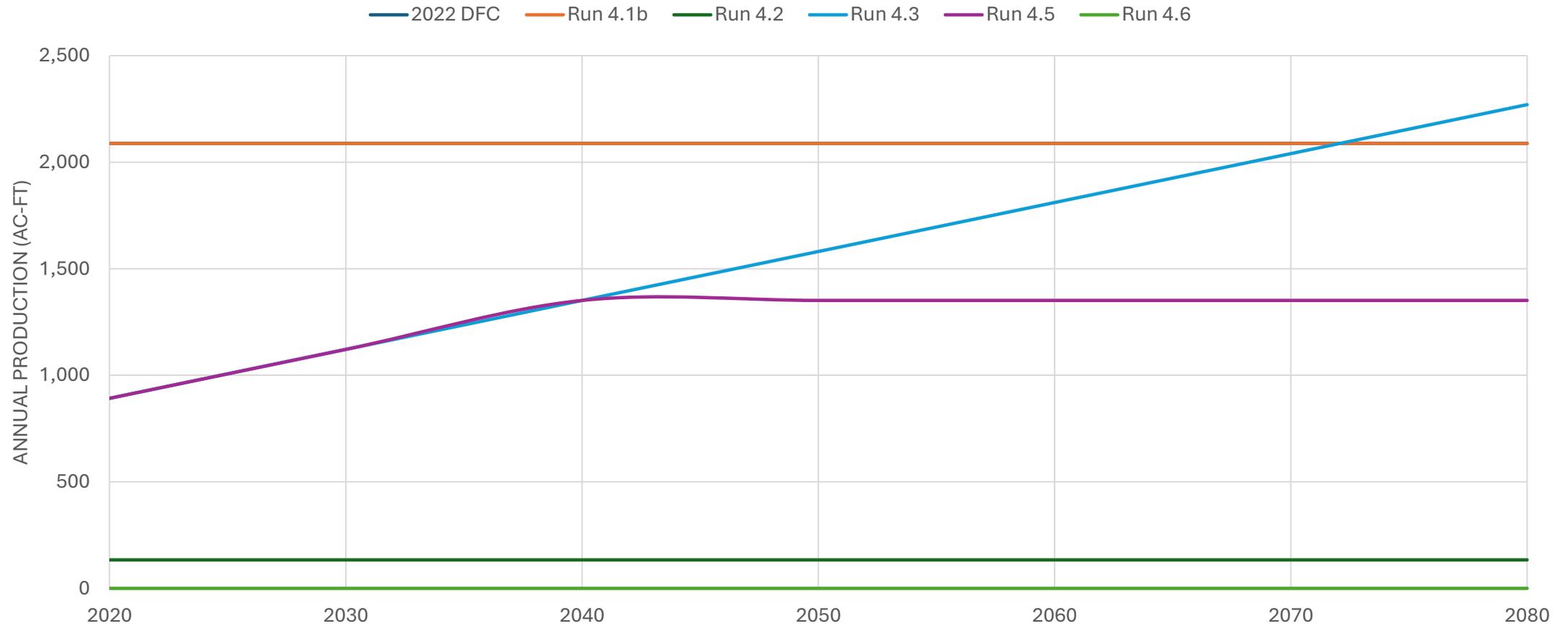
# Desired Future Conditions (in feet), Fannin County, Woodbine



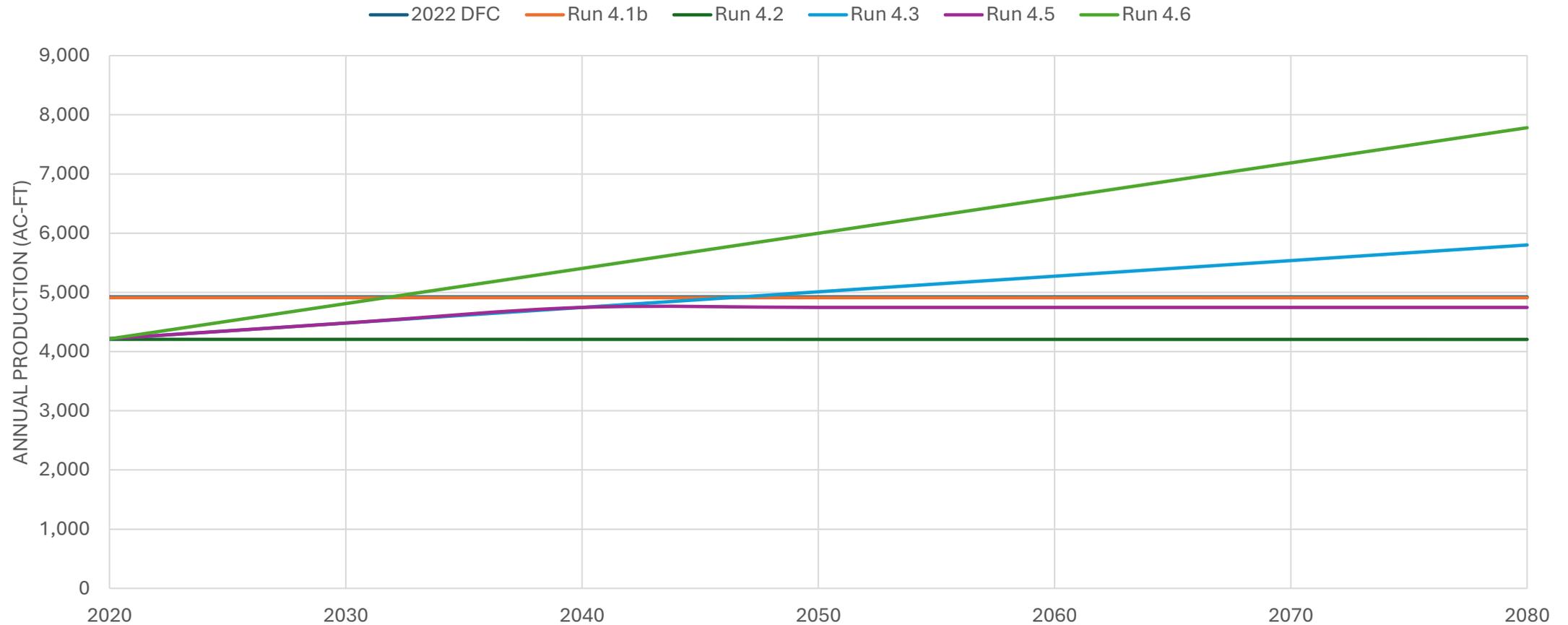
# Production (in Acre-Feet), Fannin County, Antlers



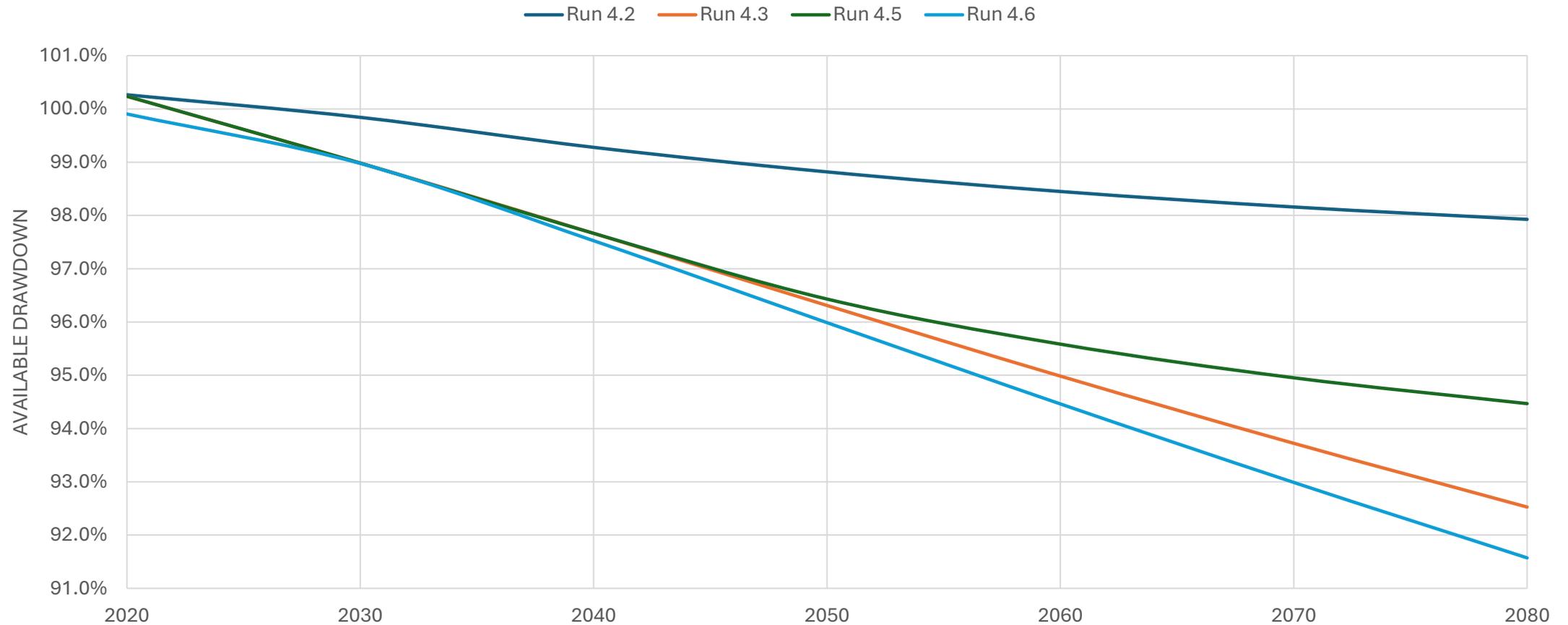
# Production (in Acre-Feet), Fannin County, Paluxy



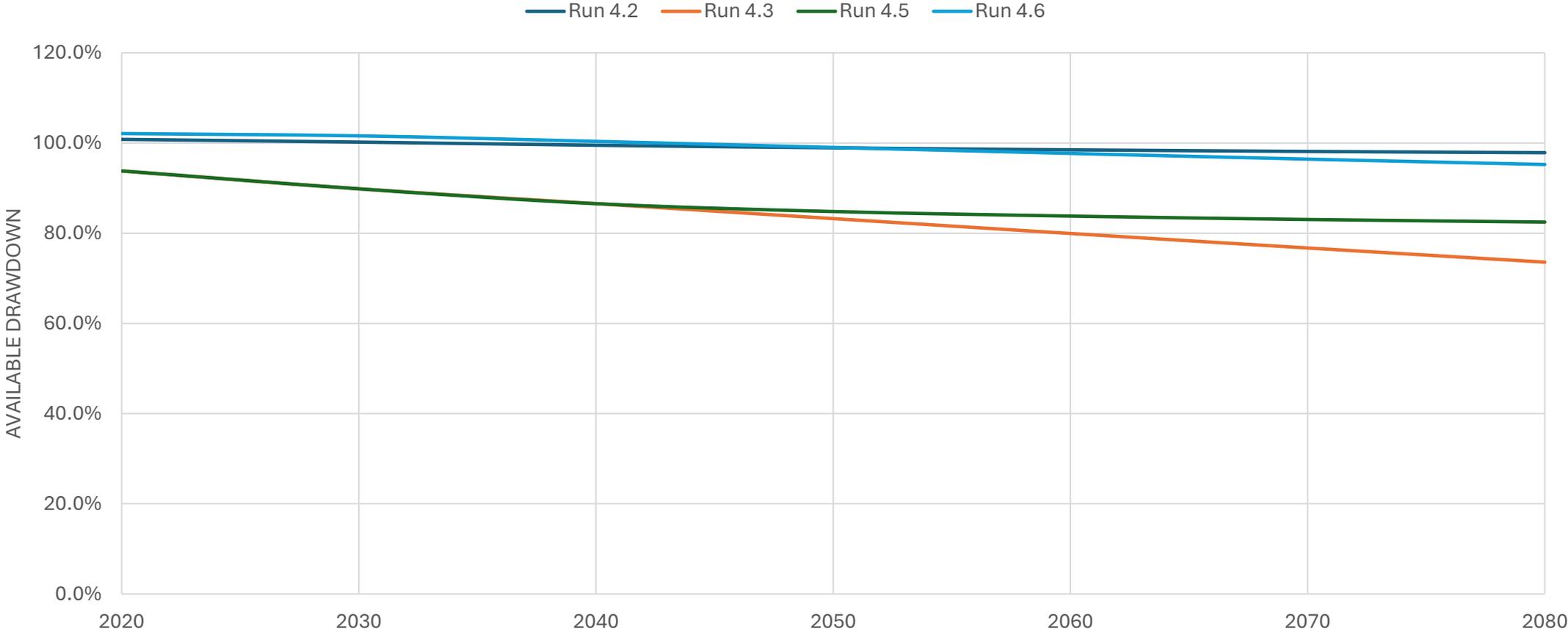
# Production (in Acre-Feet), Fannin County, Woodbine



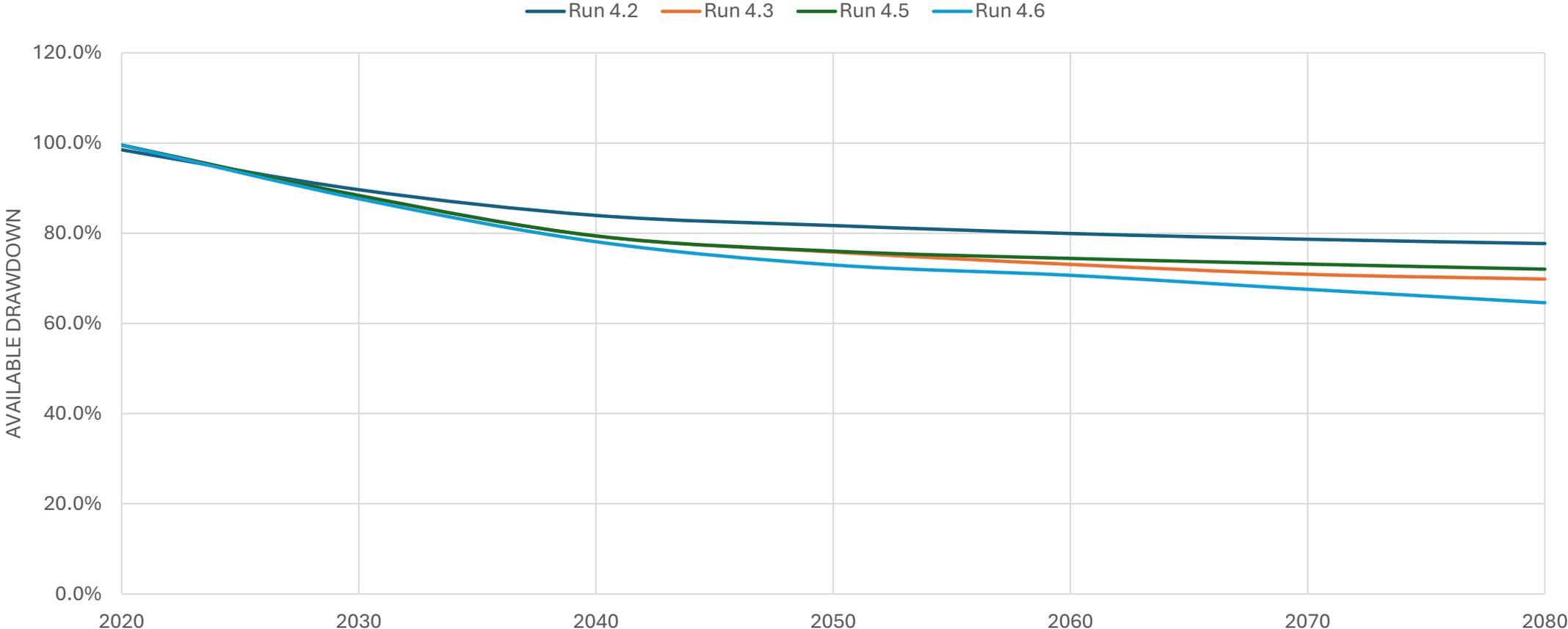
# Available Drawdown in Production Wells, Fannin County, Antlers



# Available Drawdown in Production Wells, Fannin County, Paluxy



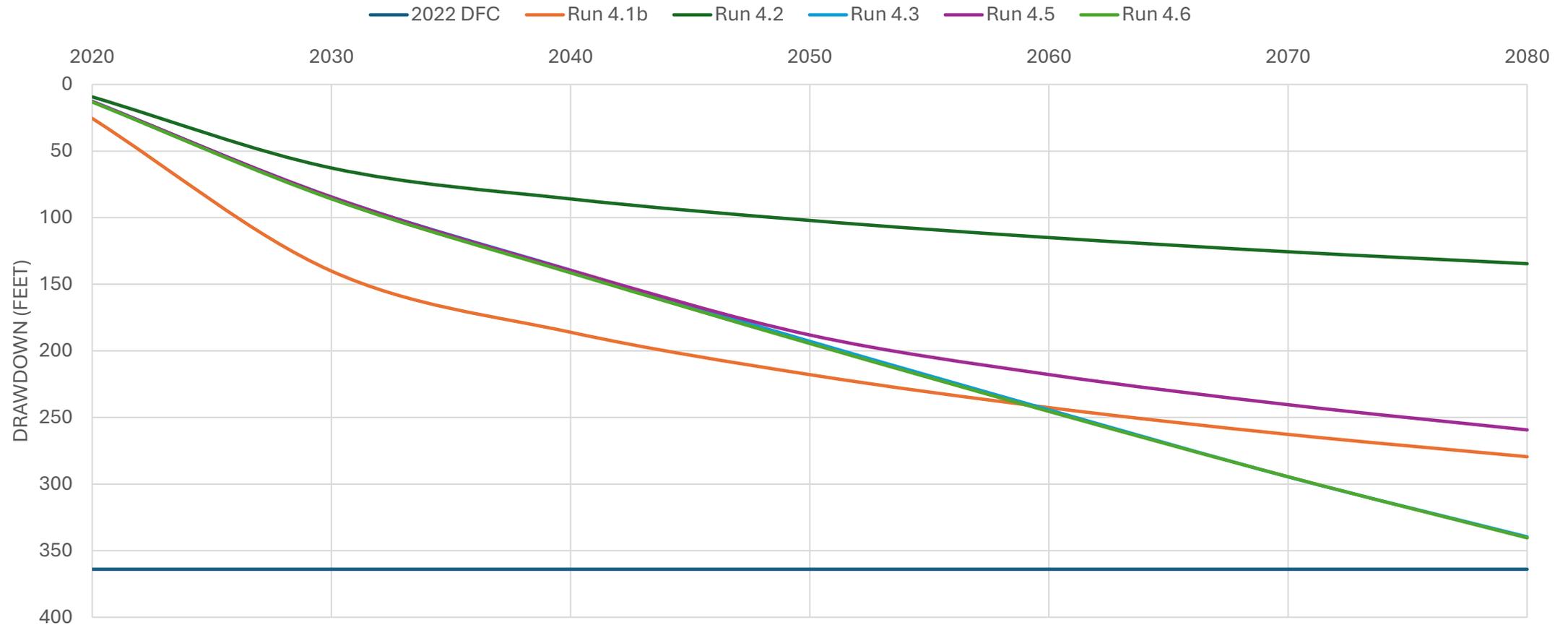
# Available Drawdown in Production Wells, Fannin County, Woodbine



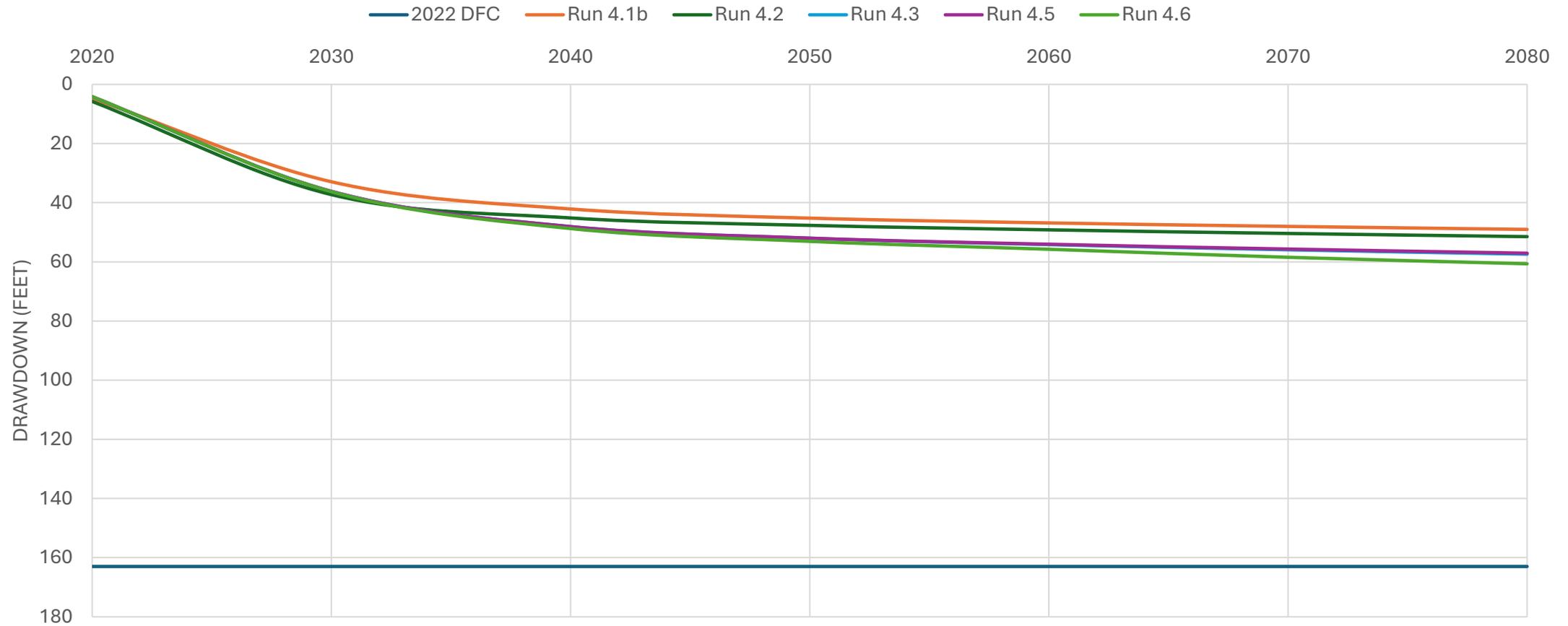
# Results for Grayson County



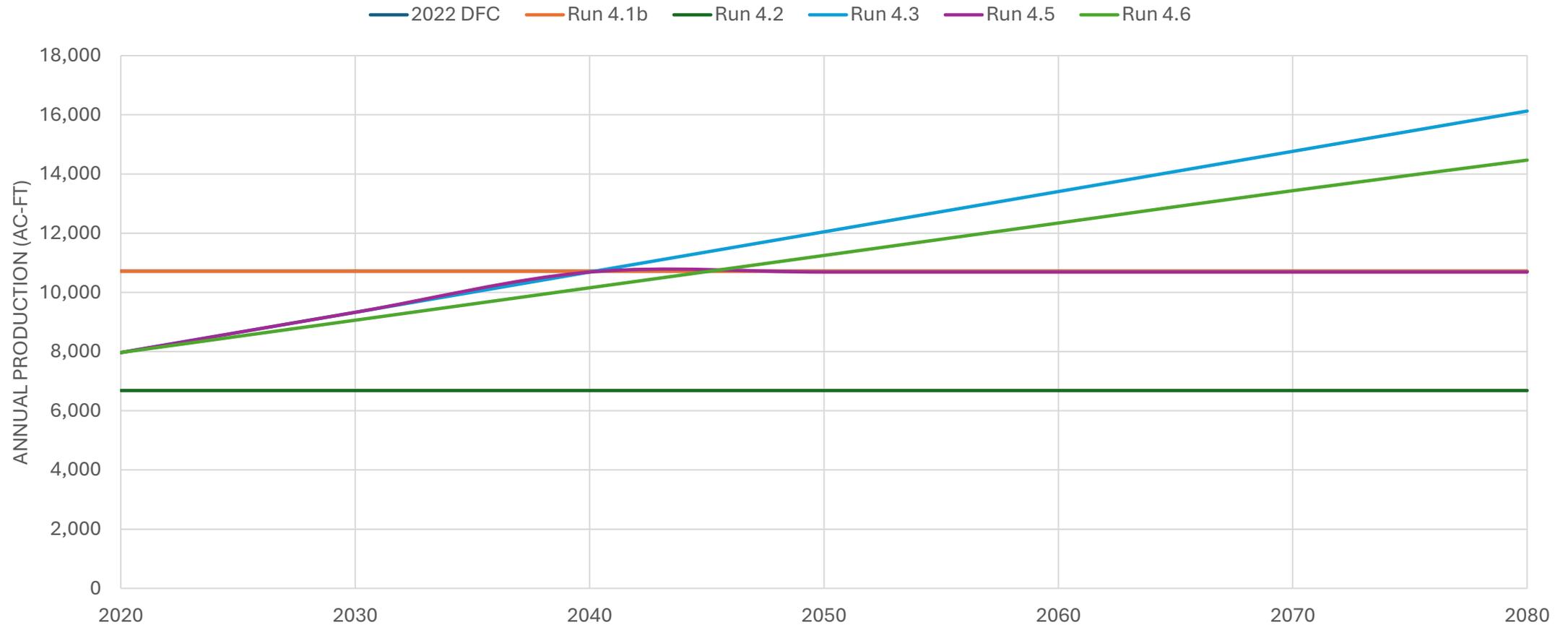
# Desired Future Conditions (in feet), Grayson County, Antlers



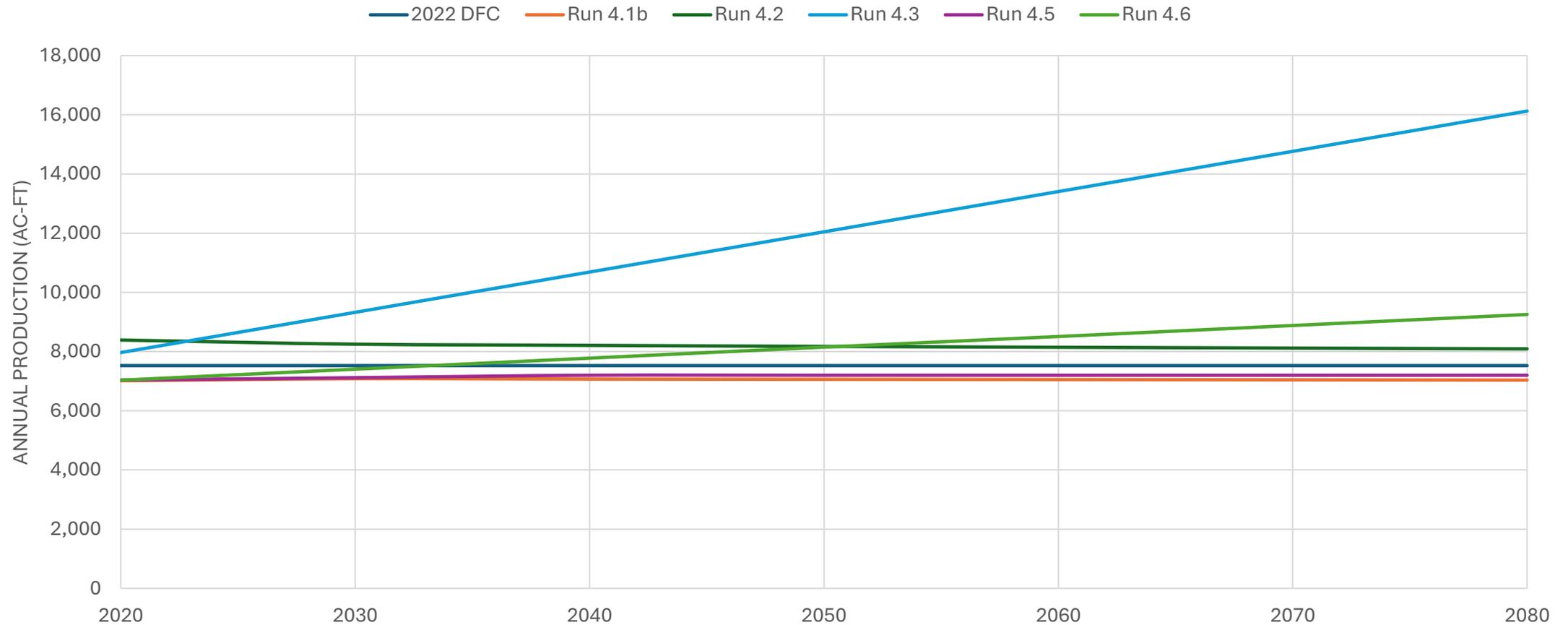
# Desired Future Conditions (in feet), Grayson County, Woodbine



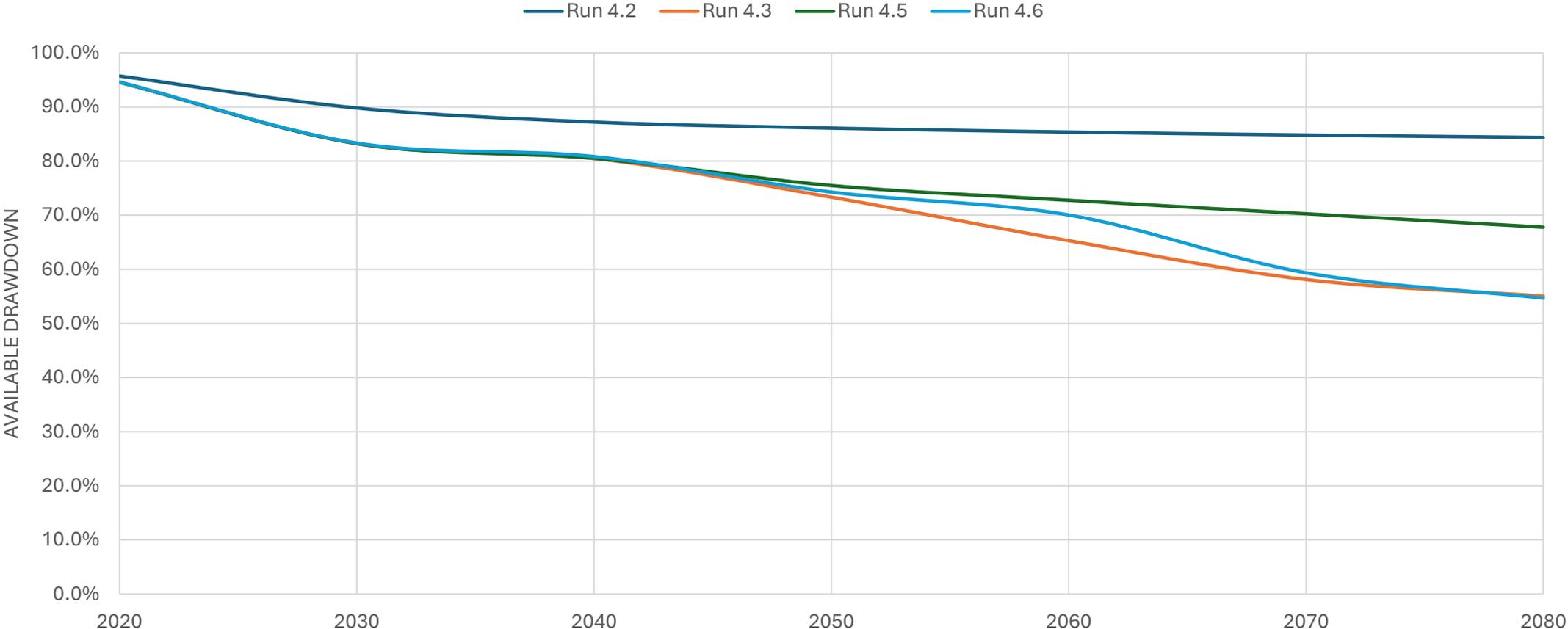
# Production (in Acre-Feet), Grayson County, Antlers



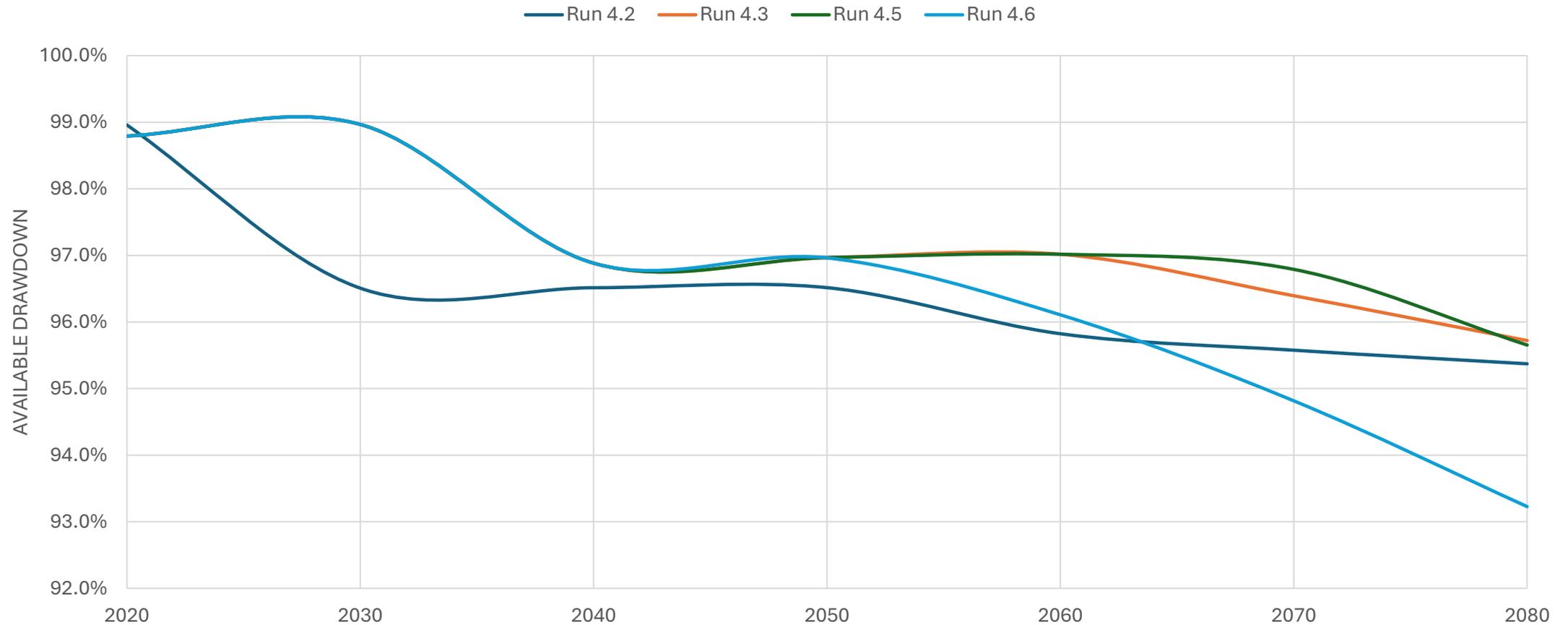
# Production (in Acre-Feet), Grayson County, Woodbine



# Available Drawdown in Production Wells, Grayson County, Antlers



# Available Drawdown in Production Wells, Grayson County, Woodbine



# Staff Recommendation and Notes

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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 7



# 2024 Annual Report

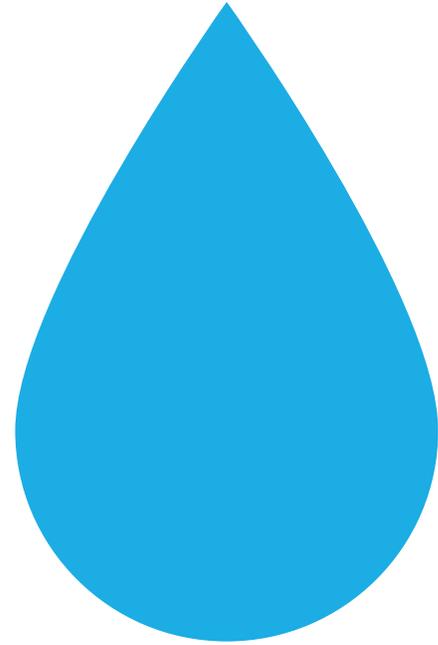
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**September 18th, 2025  
Board of Directors Meeting**

**RED RIVER**  
**GROUNDWATER CONSERVATION DISTRICT**

Goal 1:  
Providing the  
Most Efficient  
Use of Water

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# 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
<b>Total</b>	<b>110</b>	<b>91</b>	<b>57</b>	<b>86</b>	<b>76</b>	<b>76</b>	<b>77</b>	<b>71</b>	<b>71</b>	<b>85</b>	<b>105</b>	<b>69</b>	<b>66</b>	<b>1040</b>

# 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
<b>Total</b>	<b>206</b>	<b>38</b>	<b>7</b>	<b>5</b>	<b>6</b>	<b>4</b>	<b>9</b>	<b>6</b>	<b>9</b>	<b>5</b>	<b>17</b>	<b>7</b>	<b>5</b>	<b>324</b>

# 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
<b>Total</b>	<b>316</b>	<b>129</b>	<b>64</b>	<b>91</b>	<b>82</b>	<b>80</b>	<b>86</b>	<b>77</b>	<b>80</b>	<b>90</b>	<b>122</b>	<b>76</b>	<b>71</b>	<b>1364</b>

# Well Inspections During 2024

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## 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
<b>Total</b>	<b>17</b>	<b>151</b>	<b>168</b>

<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

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# Percentage of Registered Non-Exempt Wells Meeting Reporting Requirements

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

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# Late Fees and Payments

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<b>2024</b>	<b>Late Fee</b>	<b>Late Payment</b>
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%
<b>Total</b>	<b>39</b>	<b>899</b>	<b>4%</b>

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%
<b>Total</b>	<b>105</b>	<b>318</b>	<b>33%</b>

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
<b>2024</b>	<b>4,454</b>	<b>16,226</b>	<b>20,679</b>
<b>Average</b>	<b>3,279</b>	<b>13,243</b>	<b>16,522</b>

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

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# 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
<b>2024</b>	<b>327</b>	<b>8,348</b>	<b>363</b>	<b>59</b>	<b>11,582</b>
<b>Average</b>	<b>152</b>	<b>7,123</b>	<b>253</b>	<b>132</b>	<b>8,862</b>

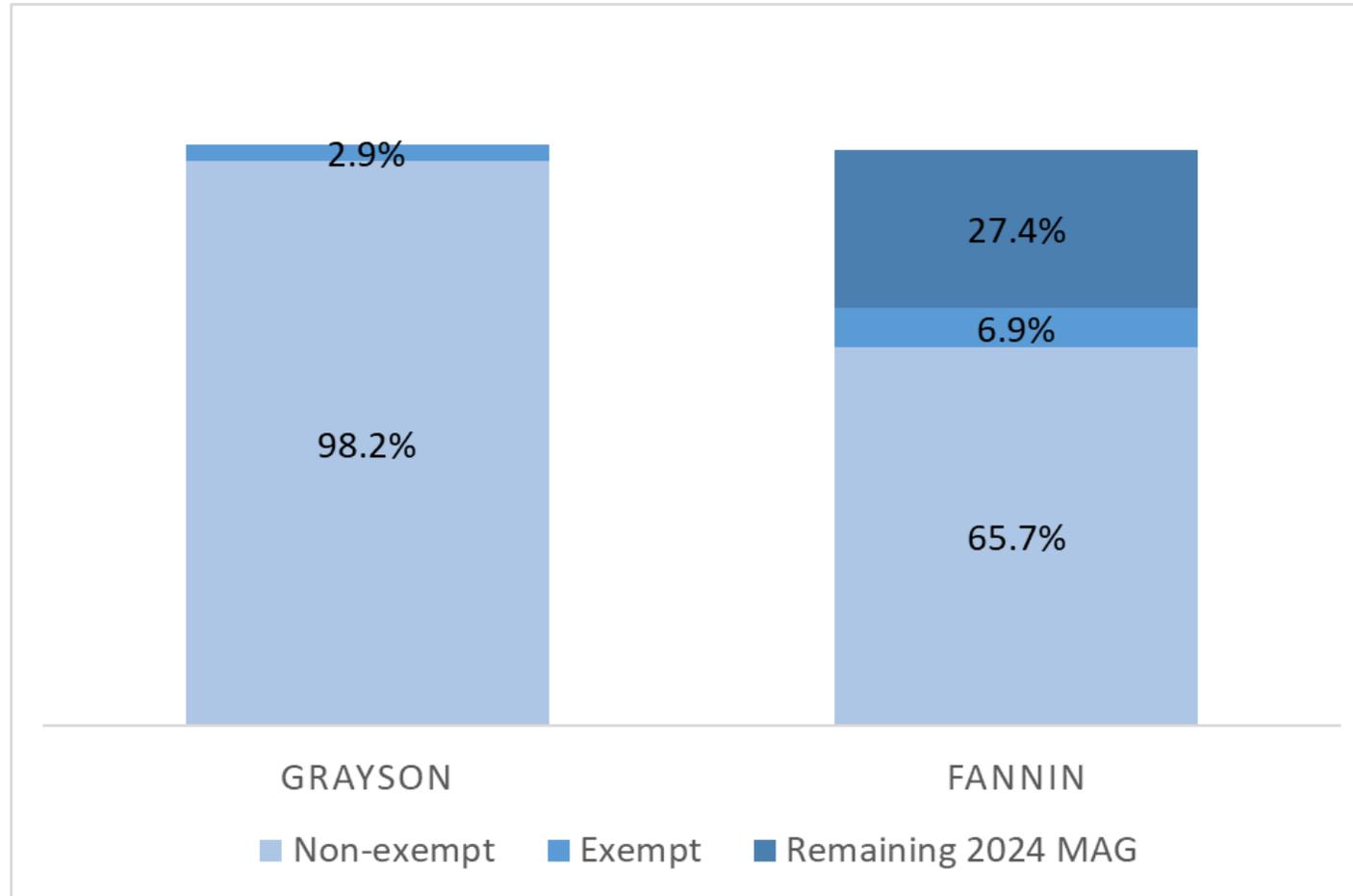
# Non-Exempt Production by Use (All Production is in Acre-Feet)

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	<b>17,769</b>	<b>14,785</b>
<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	<b>2,432</b>	<b>1,276</b>
<i>Commercial</i>	0	0	0	0	50	4	37	47	120	165	257	176	<b>89</b>	<b>73</b>
<i>Golf Course</i>	0	364	590	606	373	148	197	157	152	160	168	172	<b>161</b>	<b>250</b>
<i>Industrial</i>	0	0	0	0	0	0	0	0	0	0	0	15	<b>48</b>	<b>5</b>
<i>Irrigation</i>	0	0	0	3	4	3	5	4	3	3	6	5	<b>4</b>	<b>3</b>
<i>Livestock</i>	0	0	0	11	0	0	0	0	0	0	2	2	<b>1</b>	<b>1</b>
<i>Monitoring</i>	42	66	151	63	15	62	40	26	41	0	8	0	<b>0</b>	<b>40</b>
<i>Oil / Gas</i>	0	103	105	1	130	4	0	0	0	0	1	2	<b>2</b>	<b>27</b>
<i>Other</i>	0	0	0	0	0	0	0	0	0	0	95	30	<b>0</b>	<b>10</b>
<i>Surface Impoundments</i>	0	3	45	22	6	19	18	31	33	42	143	172	<b>174</b>	<b>54</b>

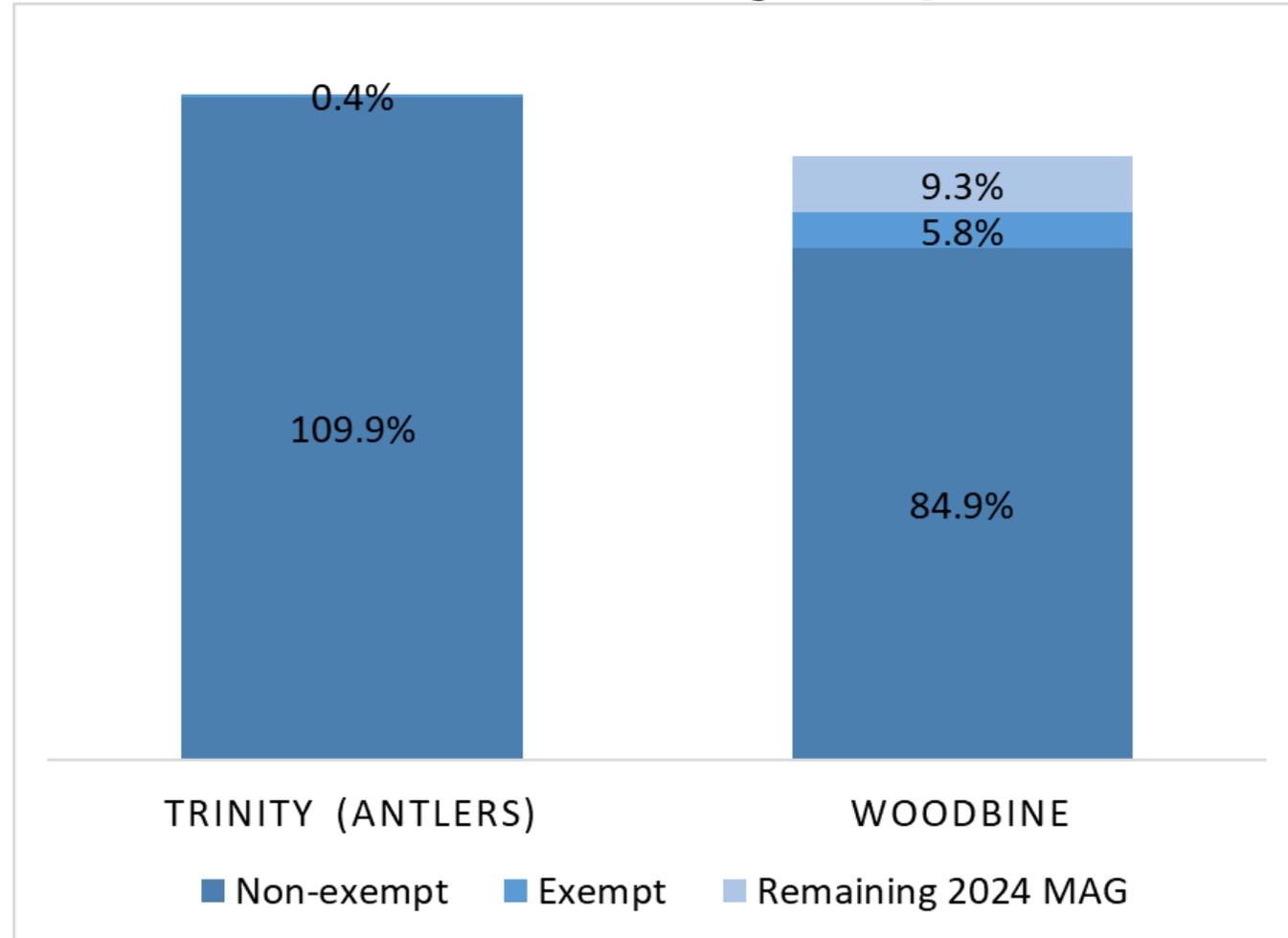
# Estimated Exempt Production (All Production is in Acre-Feet)

<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
<b><i>Total</i></b>	<b>896</b>	<b>1009</b>	<b>3025</b>	

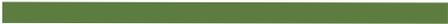
# Average Production Compared to 2024 MAG by County



# Average Production Compared to 2024 MAG by Aquifer



# Permits Approved by the Board



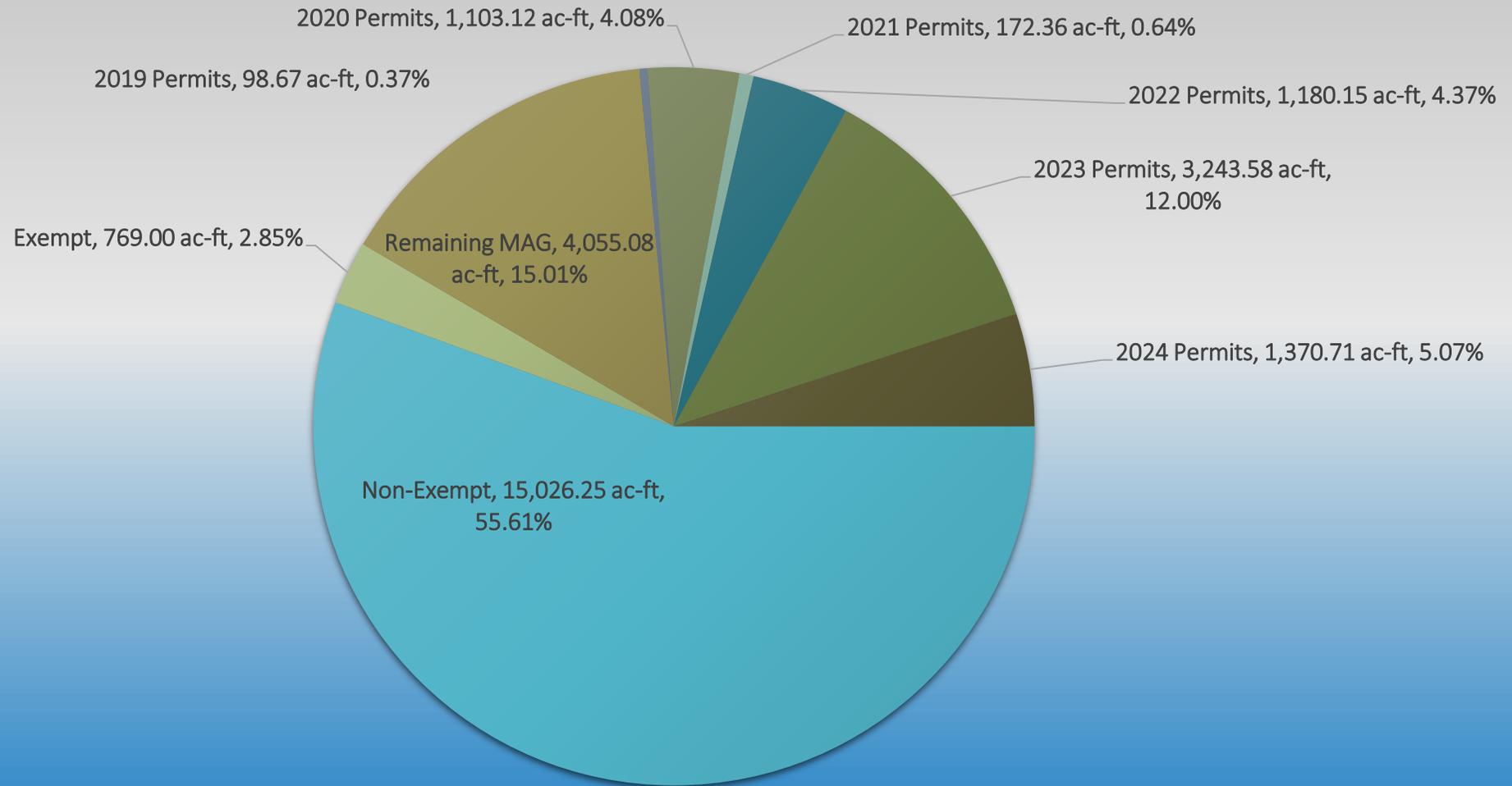
Year	New Permits	# of Wells	Requested Amount (gal)
2022	15	32	384,551,969
2023	8	20	1,056,922,972
2024	9	15	446,647,030
<b>Total</b>	<b>32</b>	<b>67</b>	<b>1,888,121,971</b>

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

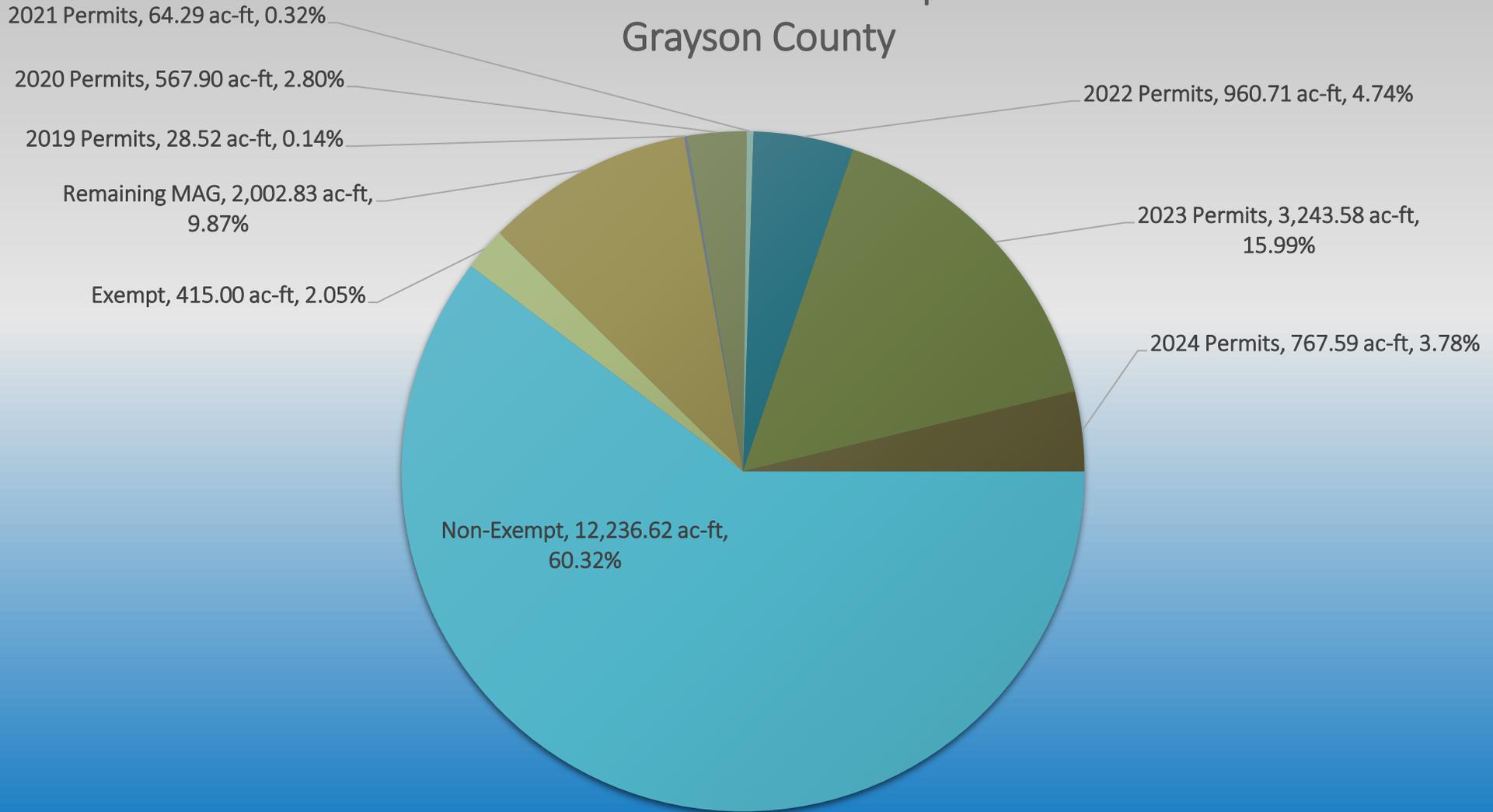
# Permits Approved by the Board

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
<b>Total</b>	<b>15</b>	<b>8</b>	<b>9</b>

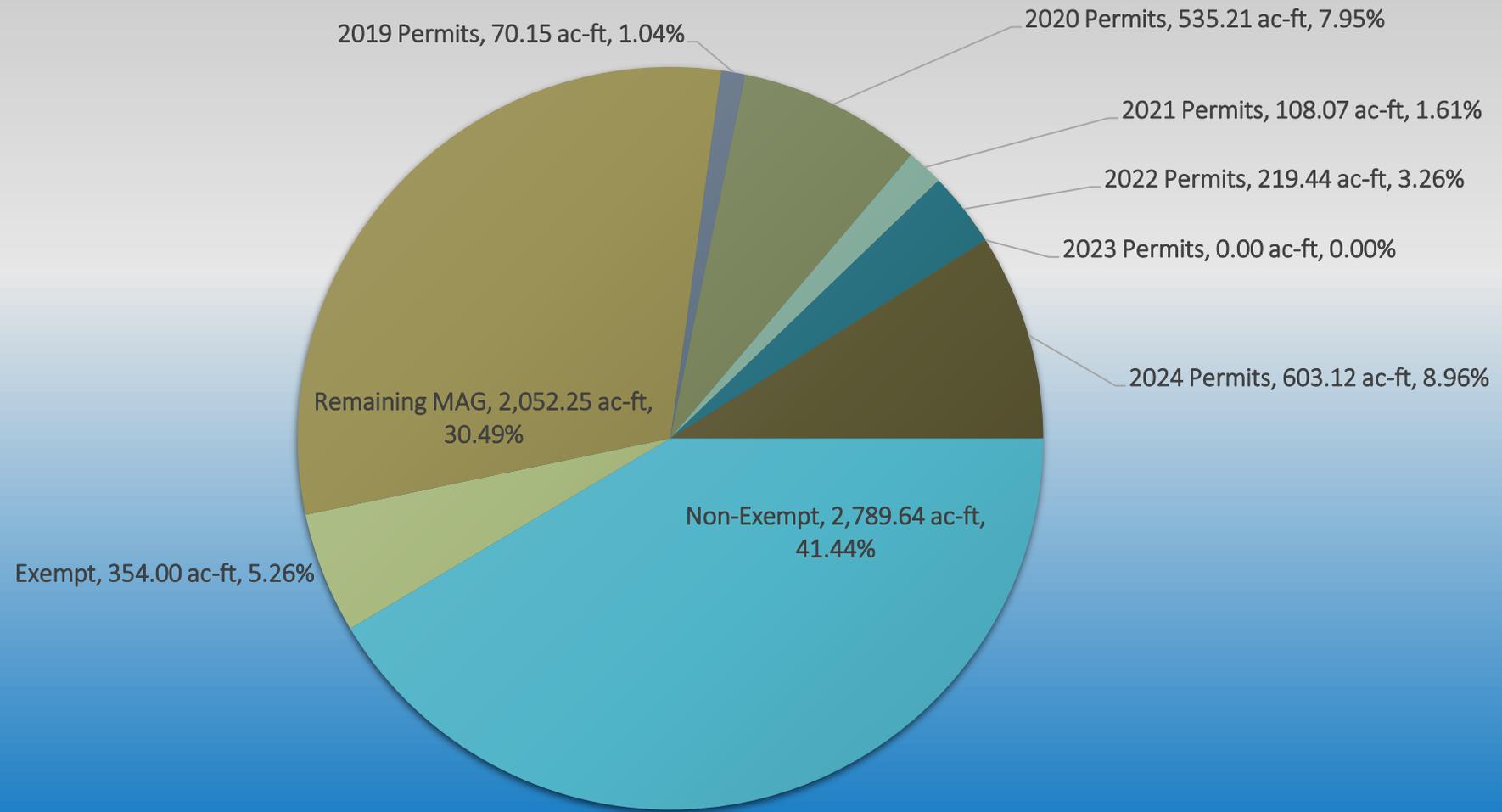
# Red River GCD MAG Report District Wide



# Red River GCD MAG Report Grayson County

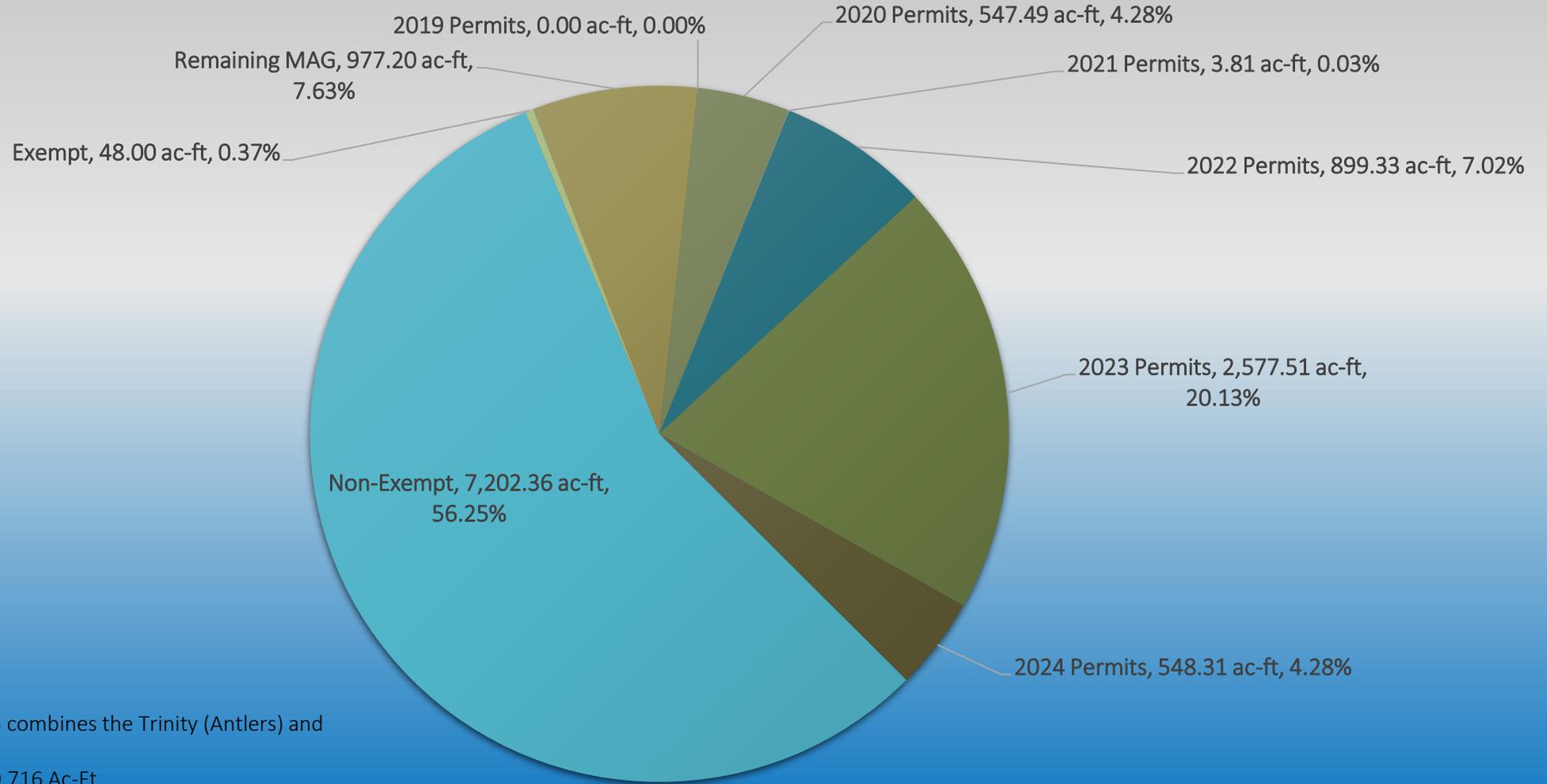


# Red River GCD MAG Report Fannin County



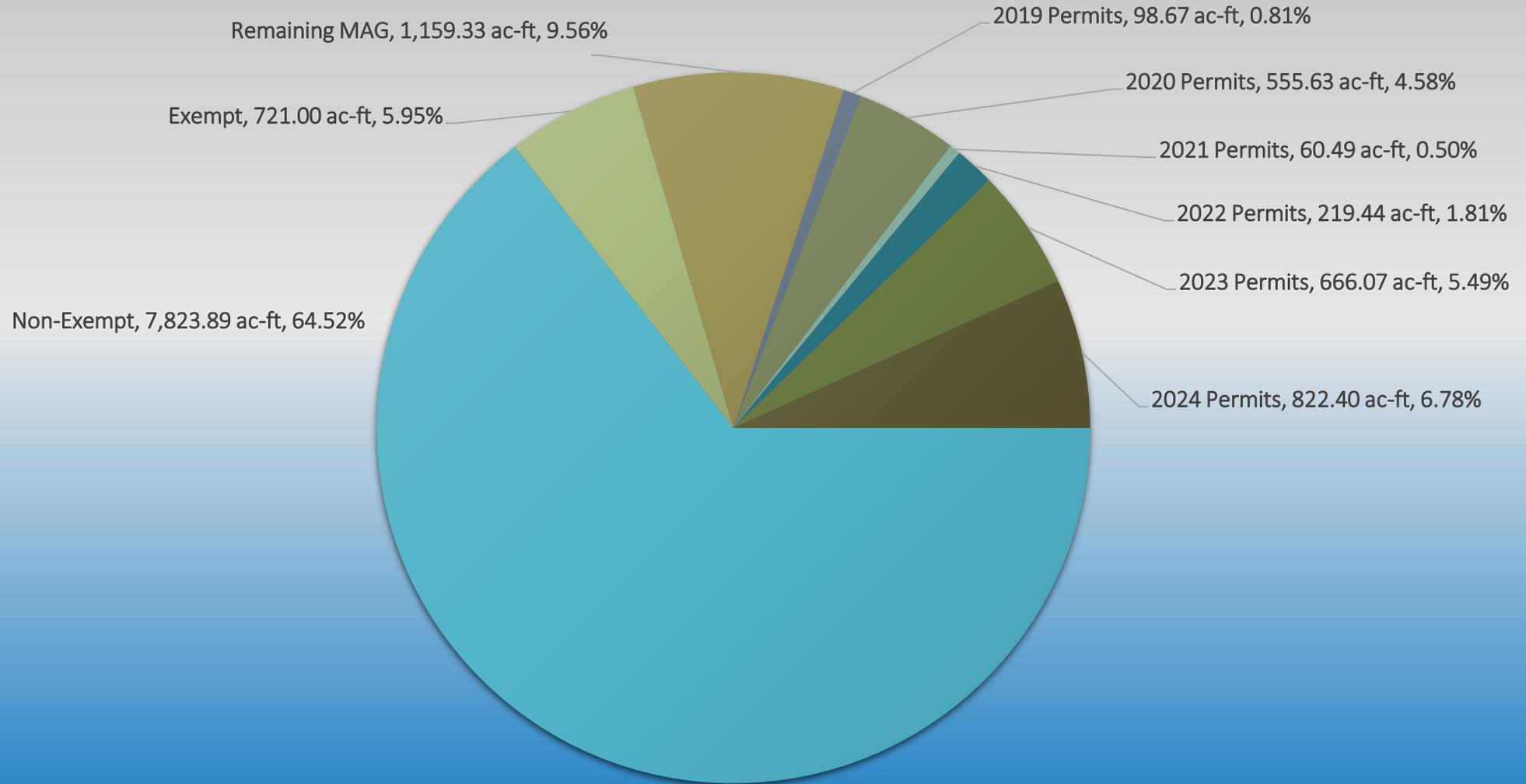
# Red River GCD MAG Report

## 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%

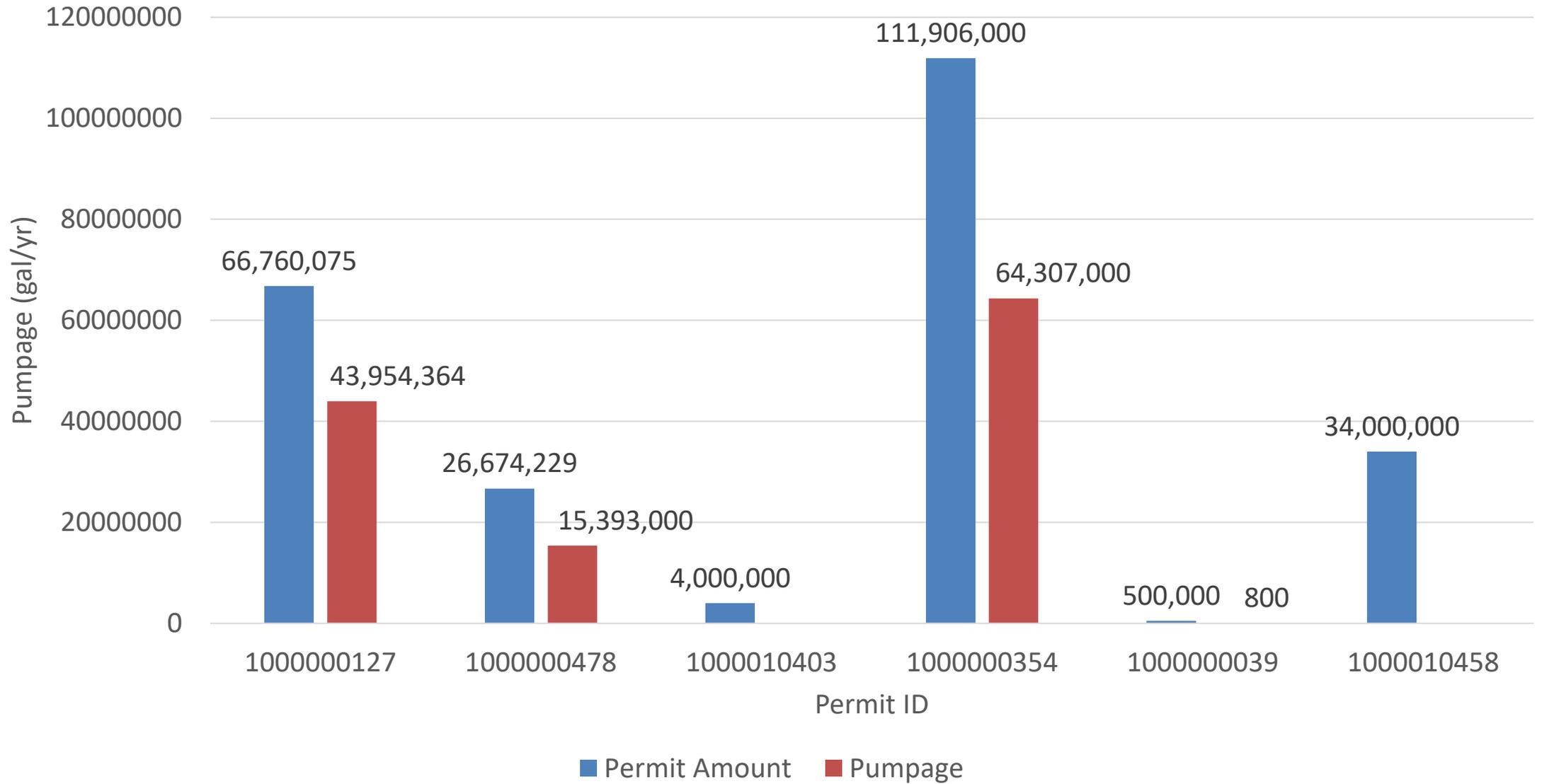
## 2023

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

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# Total Fees Paid and Groundwater Usage Based on the Fees Paid

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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
<b>Average</b>	<b>\$343,400.63</b>	<b>5,081,662,215</b>

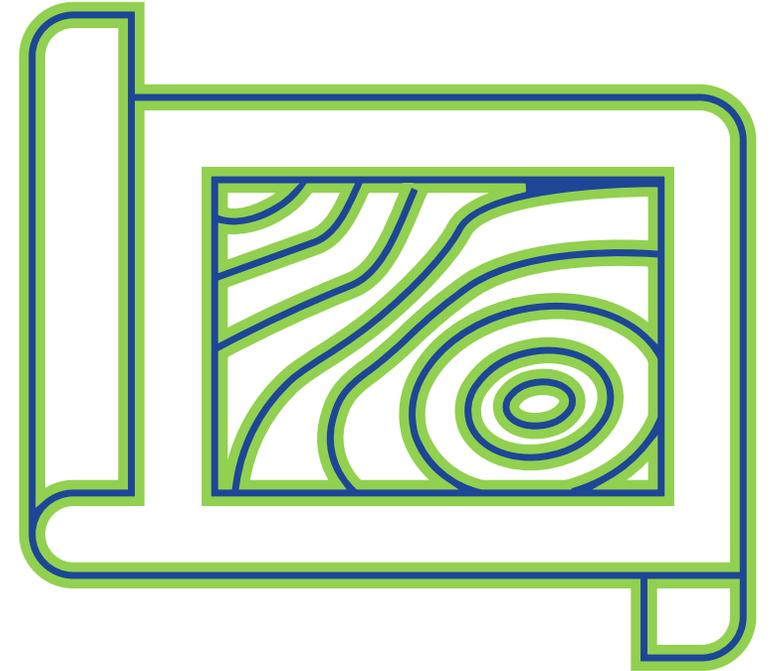
# Violations and Investigations of Potential Waste of Groundwater

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

# Goal 3: Controlling and Preventing Subsidence

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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.

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# Goal 4: Addressing Conjunctive Surface Water Management Issues

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# Region C and GMA 8

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

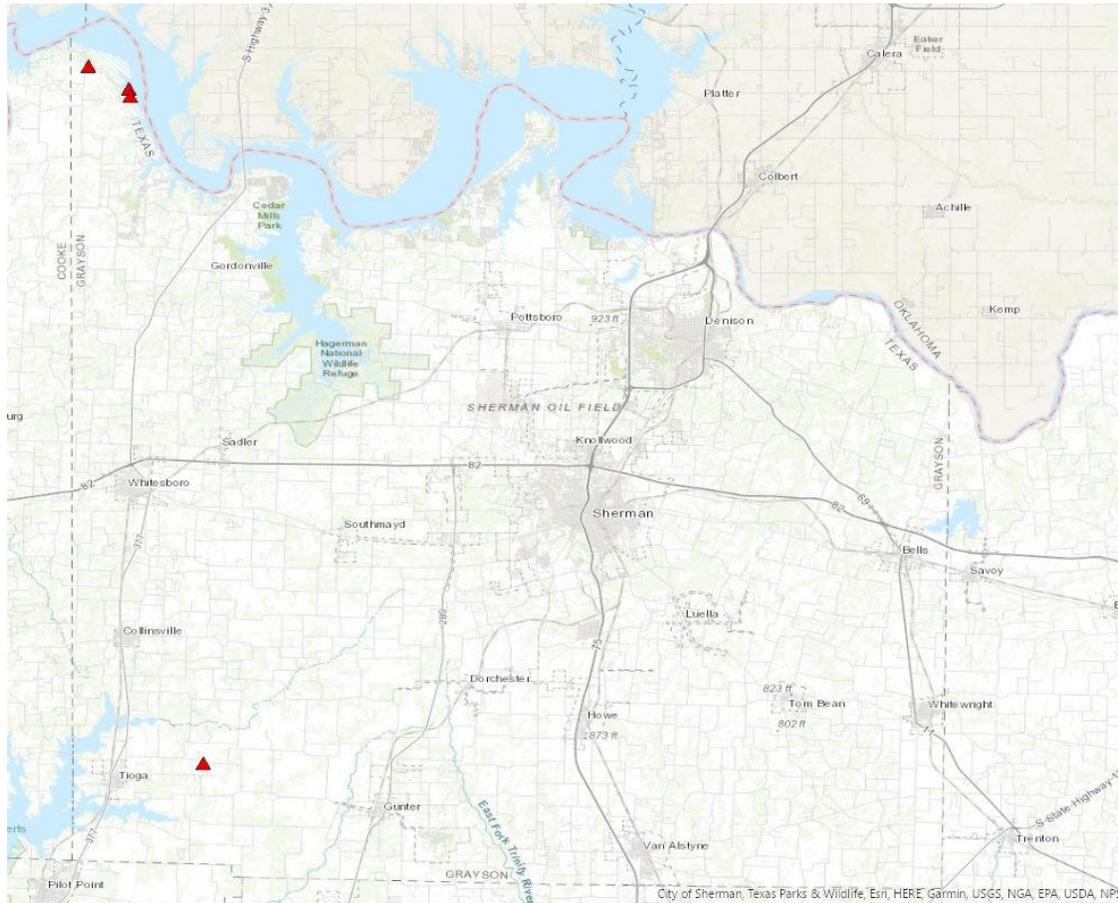
# Goal 5: Addressing Natural Resource Issues

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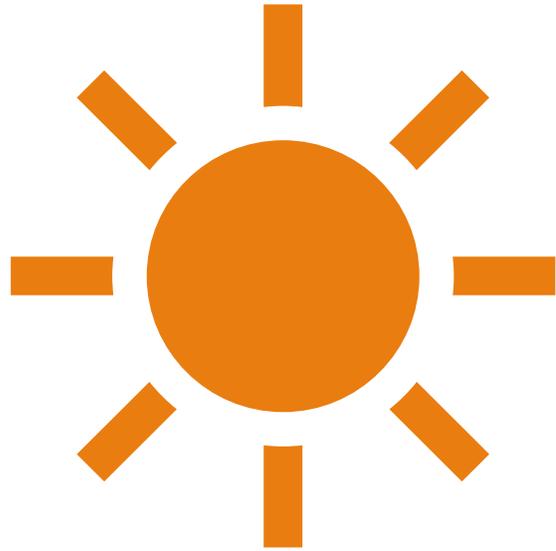


# Injection Wells

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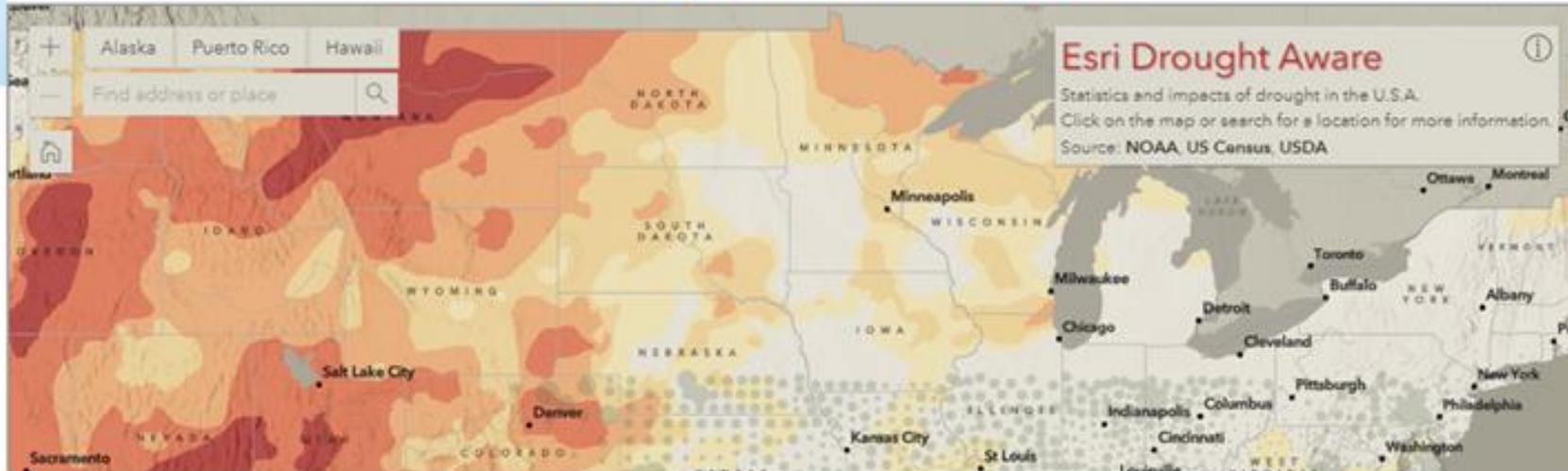


Four applications for injection wells were submitted in 2024 with no protest from the GCD



# Goal 6: Addressing Drought Conditions

## Drought Information



Drought Information

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

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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

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# Goal 8: Achieving Desired Future Conditions of Groundwater Resources

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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

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

ATTACHMENT 9 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
<b>TOTALS</b>	<b>441</b>	<b>885</b>	<b>1326</b>	<b>9</b>

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

ADJOURN