POSTED
9:56 A.M. ____ P.M.
SEP 25 2023
GWINDA JONES, COUNTY CLERK
ERATH COUNTY, TEXAS
By _____ Deputy

NOTICE OF PERMIT HEARING and DISTRICT BOARD MEETING

The **Middle Trinity Groundwater Conservation District** Board of Directors will hold a **PERMIT HEARING** and **BOARD MEETING** on Thursday, October 5, 2023 at 1:00 p.m. at 930 Wolfe Nursery Rd, Stephenville, Texas. The Board Meeting will begin immediately upon adjournment of the Permit Hearing. All interested parties are invited to attend.

PERMIT HEARING AGENDA:

1. Call to Order
2. Roll Call
3. Operating Permit Applications to Be Heard**:**

Vickie Bolton
115 Herb Rd
Kempner, TX 76539
Well Site: GPM: 7 Acres: 4.401 Use: Domestic
115 Herb Rd
Kempner, TX 76539

Larry Simpson
172 N Mohon St
DeLeon, TX 76444
Well Site: GPM: 10 Acres: 2.4 Use: Domestic
225 Stone Gate Dr
Stone Gate Estates Lot 4
Stephenville, TX 76401

Jared Herbst
1565 CR 252
Stephenville, TX 76401
Well Site: GPM: 15 Acres: 3.15 Use: Domestic
Meadow Bend Circle
The Meadows Lot 10
Stephenville, TX 76401

BSL Stephenville, LP (Brandon Ader) -existing well, not previously registered

2211 S I-35 Suite 103
Austin, TX 78741
Well Site:
Cat Tail Creek MHP
PR 1606, off CR 387
Stephenville, TX 76401

GPM: 15

Acres: 22

Use: Public Water Supply

Caisey Raitz
1111 N Graham St
Stephenville, TX 76401
Well Site:
604 FM 2823
Dublin, TX 76446

GPM: 20

Acres: 502.01

Use: Domestic

KCM Ranch Holdings, LLC
498 CR 2850
Kopperl, TX 76652
Well Site:
Hunewell Ranch
CR 182
Stephenville, TX 76401

GPM: 25

Acres: 1150.74

Use: Livestock Watering

Mark Collinsworth
PO Box 1147
Granbury, TX 76048
Well Site:
775 CR 149
Bluff Dale, TX 76433

GPM: 30

Acres: 194.827

Use: Livestock Watering / Irrigation

BVSS Holdings, LLC (Jeremy Barwick)
21351 Hwy 377 N
Stephenville, TX 76401
Well Site:
14766 Hwy 67
Stephenville, TX 76401

GPM: 45

Acres: 148.31

Use: Livestock Watering / Domestic

Karen Robinson
962 CR 2480
Hico, TX 76457
Well Site:
962 CR 2480
Hico, TX 76457

GPM: 50

Acres: 80.49

Use: Domestic / Livestock Watering / Irrigation

Randy Thompson -existing well being transferred from Rig Supply use
PO Box 30

Bluff Dale, TX 76433

Well Site: 1800 Glenn Cemetery Rd Tolar, TX 76476	GPM: 50	Acres: 84.767	Use: Livestock Watering / Irrigation

Randy Thompson -contingent upon plugging of existing well within 300 feet
PO Box 30
Bluff Dale, TX 76433

Well Site: 1800 Glenn Cemetery Rd Tolar, TX 76476	GPM: 55	Acres: 84.767	Use: Irrigation / Livestock Watering

Teeter Capital Investments, LP (Brent Teeter)
10520 CR 1016
Burleson, TX 76028

Well Site: 586 CR 1120 Meridian, TX 76665	GPM: 125	Acres: 945.09	Use: Livestock Watering

Sundance Dairy LLC (Marcel Volleman) – 2 wells
1741 CR 353
Dublin, TX 76446

Well Site: PR 1487 Dublin, TX 76446	GPM: 105 GPM: 155	Acres: 1687.36 Acres: 1687.36	Use: Livestock Watering

Schreiber Foods, Inc. (Replacement Well between 30 and 100 feet from original well)
923 CR 176
Stephenville, TX 76401

Well Site: 923 CR 176 Stephenville, TX 76401	GPM: 230	Acres: 129.76	Use: Public Water Supply

4. Discussion on Operating Permit Applications

5. Adjourn Permit Hearing

BOARD MEETING AGENDA:

The following agenda items will be discussed:

1. Call to Order

2. Roll Call of Members

3. Invocation

4. Pledge of Allegiance

5. Recognize Guests

6. Public Comments

7. Take Action on Operating Permit Applications

8. Approve / Ratify Minutes

9. Approve / Ratify Payment of Bills

10. Income / Expense Comparison

11. Review of Current Tax Rate and Percent of Revenue Collected

12. Presentation of Stratigraphic Model from LRE Water, LLC

13. General Manager's Report

14. Receive Monthly Staff Report
    a. Monthly Drought Status Report
    b. Monthly Investment Report
    c. Well Registration Update
    d. Field Tech Report
    e. Education/Public Relations Report
    f. The Ditch Water Discovery Center Update

15. Discussion on Aquifer Analysis of Stephenville Well Field

16. Rules Committee Update

17. Discussion / Consider / Possible Action on Proposing Groundwater Transport Fee

18. Executive Session pursuant to Sections 551.071 and/or 551.074 of Texas Government Code to discuss Legal Matters and/or Personnel Matters

19. Discussion / Possible Action on any Matter discussed in Executive Session

20. Discuss Agenda Items for November Board Meeting

21. Adjourn

CERTIFICATION

I, the undersigned authority, do hereby certify that on September 25, 2023 before 1:00 PM, I posted and filed the above notice of meeting on the MTGCD website, Texas Secretary of State website, and on the door of the MTGCD office in Erath County in a place convenient and readily accessible to the general public at all times and that it will remain so posted continuously for at least 72 hours preceding the scheduled time of said board meeting, and 10 business days prior to aid time of permit hearing in accordance with the Texas Government Code, Chapter 551.

By: _____
MTGCD General Manager

The Middle Trinity Groundwater Conservation District is committed to compliance with the Americans with Disabilities Act (ADA). Reasonable accommodations and equal opportunity for effective communications will be provided upon request. Please contact the President of the District at 254-965-6705 at least 24 hours in advance if accommodation is needed.

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

For more information about the Permit Hearing, Board Meeting or the Middle Trinity Groundwater Conservation District contact:
GENERAL MANAGER
254-965-6705

FILED
at 9:31 o'clock A M

SEP 25 2023

County Clerk, Bosque County, Texas

NOTICE OF PERMIT HEARING and DISTRICT BOARD MEETING

The **Middle Trinity Groundwater Conservation District** Board of Directors will hold a **PERMIT HEARING** and **BOARD MEETING** on Thursday, October 5, 2023 at 1:00 p.m. at 930 Wolfe Nursery Rd, Stephenville, Texas. The Board Meeting will begin immediately upon adjournment of the Permit Hearing. All interested parties are invited to attend.

PERMIT HEARING AGENDA:

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2. Roll Call
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Vickie Bolton 115 Herb Rd Kempner, TX 76539 **Well Site:** 115 Herb Rd Kempner, TX 76539	GPM: 7	Acres: 4.401	Use: Domestic
Larry Simpson 172 N Mohon St DeLeon, TX 76444 **Well Site:** 225 Stone Gate Dr Stone Gate Estates Lot 4 Stephenville, TX 76401	GPM: 10	Acres: 2.4	Use: Domestic
Jared Herbst 1565 CR 252 Stephenville, TX 76401 **Well Site:** Meadow Bend Circle The Meadows Lot 10 Stephenville, TX 76401	GPM: 15	Acres: 3.15	Use: Domestic

BSL Stephenville, LP (Brandon Ader) -existing well, not previously registered

NOTICE OF
PERMIT HEARING
and
DISTRICT BOARD MEETING

The **Middle Trinity Groundwater Conservation District** Board of Directors will hold a **PERMIT HEARING** and **BOARD MEETING** on Thursday, October 5, 2023 at 1:00 p.m. at 930 Wolfe Nursery Rd, Stephenville, Texas. The Board Meeting will begin immediately upon adjournment of the Permit Hearing. All interested parties are invited to attend.

PERMIT HEARING AGENDA:

1. Call to Order
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Jared Herbst 1565 CR 252 Stephenville, TX 76401 **Well Site:** Meadow Bend Circle The Meadows Lot 10 Stephenville, TX 76401	GPM: 15	Acres: 3.15	Use: Domestic

BSL Stephenville, LP (Brandon Ader) -existing well, not previously registered

FILED
AT 10:45 O'CLOCK A M
SEP 25 2023

Clerk, County Court, Erath County, Texas

FILED
AT 4 O'CLOCK P M

OCT 03 2023

Jennifer Dalton
COUNTY CLERK, CORYELL CO., TEXAS

NOTICE OF PERMIT HEARING and DISTRICT BOARD MEETING

The **Middle Trinity Groundwater Conservation District** Board of Directors will hold a **PERMIT HEARING** and **BOARD MEETING** on Thursday, October 5, 2023 at 1:00 p.m. at 930 Wolfe Nursery Rd, Stephenville, Texas. The Board Meeting will begin immediately upon adjournment of the Permit Hearing. All interested parties are invited to attend.

PERMIT HEARING AGENDA:

1. Call to Order
2. Roll Call
3. Operating Permit Applications to Be Heard:

Vickie Bolton 115 Herb Rd Kempner, TX 76539 **Well Site:** 115 Herb Rd Kempner, TX 76539	GPM: 7	Acres: 4.401	Use: Domestic
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BSL Stephenville, LP (Brandon Ader) -existing well, not previously registered

From: Rachael Phillips
To: Bosque County Posting; Coryell County Posting; Comanche County Posting
Cc: Patrick Wagner
Subject: October 2023 Agenda
Date: Monday, September 25, 2023 9:31:24 AM
Attachments: image001.png
MTGCD OCT 2023 AGENDA.pdf

Good morning,

Attached is a Public Hearing Notice for MTGCD Board Meeting on October 5, 2023. Please post by 1:00 pm and remit a file marked copy by email or fax. Please contact us with any questions.

Thank you!

Rachael Phillips
OFFICE ADMINISTRATOR
930 Wolfe Nursery Road,
Stephenville, TX 76401
O (254)965-6705
F (254)965-6745
rachael@middletrinitygcd.org
middletrinitygcd.org

MTGCD
MIDDLE TRINITY
GROUNDWATER CONSERVATION DISTRICT

MINUTES OF THE PERMIT HEARING
AND MEETING OF THE BOARD OF DIRECTORS OF THE
MIDDLE TRINITY GROUNDWATER CONSERVATION DISTRICT
HELD: September 7, 2023

THE STATE OF TEXAS
COUNTY OF ERATH

On this 7th day of September 2023 the Board of Directors of the Middle Trinity Groundwater Conservation District convened in a PERMIT HEARING at 930 Wolfe Nursery Rd, Stephenville, Texas at 1:00 PM with the following members present:

Rodney Stephens – President
Fred Parker - Secretary
Shane Tucker - Director
Charles Ferguson – Director
Joe Altebaumer – Director
Barbara Domel – Vice-President
Jerry Hinshaw - Director
Kenneth Bullington – Director
Frank Volleman – Director
Butch Ronne – Director

Board Members absent were Robert Payne and W.B. Maples. Also present were Patrick Wagner, Johnny Wells, Stephanie Keith, Debbie Montgomery, and Rachael Phillips.

President Rodney Stephens called the hearing to order, declared a quorum present and that the hearing was duly convened and ready to transact business.

Notice of the hearing was given, stating the time, place and purpose, all as required by Chapter 551 of the Government Code.

1. Hearing called to order by Rodney Stephens.

2. Roll Call of members was given by Debbie Montgomery.

3. All operating permit applications were presented as administratively complete.

4. Motion to adjourn permit hearing made by Fred Parker. Second by Charles Ferguson. All members voted yes to adjourn.

5. Rodney Stephens adjourned the permit hearing.

THE STATE OF TEXAS
COUNTY OF ERATH

On this 7th day of September 2023, the Board of Directors of the Middle Trinity Groundwater Conservation District convened in a STATED SESSION at 930 Wolfe Nursery Rd, Stephenville, Texas at 1:00 PM with the following members present:

Rodney Stephens – President
Fred Parker - Secretary
Shane Tucker - Director
Charles Ferguson – Director
Joe Altebaumer – Director
Barbara Domel – Vice-President
Jerry Hinshaw - Director
Kenneth Bullington – Director
Frank Volleman – Director
Butch Ronne – Director

Board Members absent were Robert Payne and W.B. Maples. Also present were Patrick Wagner, Johnny Wells, Stephanie Keith, Debbie Montgomery, and Rachael Phillips.

President Rodney Stephens called the meeting to order, declared a quorum present and that the meeting was duly convened and ready to transact business.

Notice of the hearing was given, stating the time, place and purpose, all as required by Chapter 551 of the Government Code.

1. Meeting called to order by Rodney Stephens.

2. Roll Call of Members was given by Debbie Montgomery.

3. Invocation was given by Joe Altebaumer.

4. Pledge of Allegiance was conducted

5. There were no guests were present.

6. There were no public comments.

7. Kenneth Bullington made a motion to approve all operating permit applications on the permit hearing agenda. Second by Joe Altebaumer. All members present voted yes to approve the permit applications. Permit applications approved.

8. There was a review of the Minutes of the Public Hearing on Proposed Amendments to District Rules held August 10, 2023. Kenneth Bullington moved to approve the minutes, second by Joe Altebaumer. All members present voted yes to approve the rules hearing minutes. There was also a review of the minutes of the August 10th , 2023 monthly Board Meeting. Kenneth Bullington moved to approve the minutes, second by Jerry Hinshaw. All members present voted yes to approve the board meeting minutes.

9. Check Detail Report reviewed for dates 8/1/2023 through 8/31/2023, for check numbers 12437 through 12497, and including electronic checks 8312023 and 15082023. Motion was made by Kenneth Bullington, second by Jerry Hinshaw, to approve and ratify the payment of the bills. All members present voted yes.

10. Income/Expense Comparison was presented by Patrick Wagner.

11. Patrick Wagner went over the current tax rate and percent of revenue collected.

12. Presentation of Stratigraphic Model from LRE Water, LLC was tabled until the October board meeting.

13. General Manager's Report was given by Patrick Wagner.

14. Monthly Staff Reports

    a. Monthly Drought Status Report was given by Patrick Wagner.

    b. Monthly Investment Report was given by Patrick Wagner.

    c. Well Registration Update was given by Debbie Montgomery. In addition to the 7 permit applications on the permit hearing agenda, there were 37 exempt registrations, which included 28 new wells and 9 replacement wells.

    d. Field Tech Report was given by Johnny Wells. One well was plugged in August, in Bosque County. Six water quality tests were completed, 3 in Erath County, 2 in Comanche County, and 1 in Bosque County. One of the Comanche County wells was retested after testing positive for bacteria. All wells tested good. Bosque County wells were monitored in August and Erath County wells will be monitored in September.

    e. Education/Public Relations Report was given by Stephanie Keith.

    f. The Ditch Water Discovery Center Update was given by Stephanie Keith.

15. Patrick Wagner went over information related to the development of the BELCOR RHCP.

16. There was discussion on the windmill needing some repair. Charles Ferguson made a motion to move forward to fixing the issue if the amount is reasonable, second by Butch Ronne (Barbara Domel). All members present voted yes to approve the windmill repair.

17. There was discussion on the need for a fence for The Ditch. Stephanie Keith went over an estimate that was provided. Butch Ronne made a motion to table action until more bids are received. Second by Jerry Hinshaw. All members present voted yes to table action on the fence.

18. There was discussion on a security system for The Ditch and added cameras for the District Office. Barbara Domel made a motion to move forward on getting bids for a security system, second by Charles Ferguson. All members present voted yes to get bids for a security system.

19. Patrick Wagner went over proposed amendments to the 2023 Budget. Joe Altebaumer moved to accept the amendments as presented, second by Kenneth Bullington. All members present voted yes to accept the budget amendments.

20. Patrick Wagner discussed the increase in cost for health insurance. Jerry Hinshaw moved to table action on health insurance until next month to obtain more bids. Second by Butch Ronne. All members present voted yes. Action on health insurance is tabled until October.

21. Public Hearing was held on the Proposed Tax Rate for Tax Year 2023. There were no public comments.

22. Charles Ferguson made a motion to adopt the No-New-Revenue (NNR) Tax Rate of $0.006463 per $100 for the 2023 Tax Rate. Second by Jerry Hinshaw. All members present voted yes. NNR Tax Rate of $0.006463 per $100 adopted.

23. Patrick Wagner discussed the options for the 2024 District Budget which included a 3% cost of living adjustment for every employee. Barbara made a notion to accept the No-New-Revenue 3 (NNR 3) option, seconded by Shane Tucker. All members present voted yes. Budget NNR 3 2024 selected.

24. Jerry Hinshaw made a motion to cancel the regular election for Directors from Bosque and Coryell Counties to be held November 7, 2023. Second by Joe Altebaumer. All members present voted yes. Election cancelled.

25. The Board retired into Executive Session at 2:26 PM.

26. The Board reconvened at 2:45 PM. No action taken on any matters discussed in Executive Session.

27. There was discussion on agenda items for the October Board Meeting to be held on October 5th.

28. Fred Parker moved to adjourn the meeting, second by Charles Ferguson. All members present voted yes to adjourn. Meeting adjourned by Rodney Stephens.

MINUTES approved this 5th day of October 2023.

_____
Joe Altebaumer/Erath Co.

_____
Fred Parker/Erath Co.

_____
Jerry Hinshaw/ Erath Co.

_____
Shane Tucker /Comanche Co.

_____
Frank Volleman/Comanche Co.

_____
Rodney Stephens/Comanche Co.

_____
Charles E. Ferguson/ Bosque Co.

_____
Barbara Domel/Bosque Co.

_____
Robert Payne/Bosque Co.

_____
W.B Maples/Coryell Co.

_____
Kenneth Bullington/Coryell Co.

_____
Butch Ronne/ Coryell Co.

Dates Covered:

9/1/2023 – 9/30/2023

Check Sequence:

12498 – 12558

(12480 voided, reissued 12538)

Electronic Checks:

9152023, 9202023, and 9292023

Middle Trinity Groundwater Conservation District
Check Detail
September 2023

Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Liability Check		**09/14/2023**	**QuickBooks Payrol...**		**1006 · InterBank**		**-9,469.32**
					7140 · Payroll Fees-...	-8.75	8.75
					7140 · Payroll Fees-...	-0.58	0.58
			QuickBooks Payroll ...		2110 · Direct Deposi...	-9,459.99	9,459.99
TOTAL						-9,469.32	9,469.32
Liability Check		**09/28/2023**	**QuickBooks Payrol...**		**1006 · InterBank**		**-9,469.30**
					7140 · Payroll Fees-...	-8.75	8.75
					7140 · Payroll Fees-...	-0.58	0.58
			QuickBooks Payroll ...		2110 · Direct Deposi...	-9,459.97	9,459.97
TOTAL						-9,469.30	9,469.30
Paycheck	**DD1774**	**09/15/2023**	**Deborah Montgom...**		**1006 · InterBank**		**0.00**
					7105 · Payroll	-2,010.32	2,010.32
					3125 · Dependant H...	7.64	-7.64
					3115 · Simple IRA P...	60.31	-60.31
					7115 · Medical Bene...	-501.19	501.19
					3120 · Group Health...	501.19	-501.19
					7120 · Simple IRA-D...	-60.31	60.31
					3115 · Simple IRA P...	60.31	-60.31
					3105 · Federal With...	134.00	-134.00
					7125 · Payroll Taxes...	-124.64	124.64
					3100 · Payroll Liabili...	124.64	-124.64
					3100 · Payroll Liabili...	124.64	-124.64
					7125 · Payroll Taxes...	-29.15	29.15
					3110 · Medicare Pay...	29.15	-29.15
					3110 · Medicare Pay...	29.15	-29.15
					2110 · Direct Deposi...	1,654.58	-1,654.58
TOTAL						0.00	0.00
Paycheck	**DD1775**	**09/15/2023**	**Johnny D Wells**		**1006 · InterBank**		**0.00**
					7105 · Payroll	-1,030.09	1,030.09
					7105 · Payroll	-1,545.14	1,545.14
					3115 · Simple IRA P...	100.00	-100.00
					7115 · Medical Bene...	-501.19	501.19
					3120 · Group Health...	501.19	-501.19
					3125 · Dependant H...	38.95	-38.95
					7141 · Simple IRA-J...	-77.26	77.26
					3115 · Simple IRA P...	77.26	-77.26
					3105 · Federal With...	318.00	-318.00
					7125 · Payroll Taxes...	-159.66	159.66
					3100 · Payroll Liabili...	159.66	-159.66

Middle Trinity Groundwater Conservation District
Check Detail
September 2023

Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
					3100 · Payroll Liabili...	159.66	-159.66
					7125 · Payroll Taxes...	-37.34	37.34
					3110 · Medicare Pay...	37.34	-37.34
					3110 · Medicare Pay...	37.34	-37.34
					2110 · Direct Deposi...	1,921.28	-1,921.28
TOTAL						0.00	0.00
Paycheck	**DD1776**	**09/15/2023**	**Patrick F Wagner**		**1006 · InterBank**		**0.00**
					7105 · Payroll	-2,875.00	2,875.00
					7105 · Payroll	-458.33	458.33
					7115 · Medical Bene...	-501.19	501.19
					3120 · Group Health...	501.19	-501.19
					3100 · Payroll Liabili...	100.00	-100.00
					7121 · Simple IRA - ...	-100.00	100.00
					3100 · Payroll Liabili...	100.00	-100.00
					3125 · Dependant H...	7.64	-7.64
					3105 · Federal With...	381.00	-381.00
					7125 · Payroll Taxes...	-206.67	206.67
					3100 · Payroll Liabili...	206.67	-206.67
					3100 · Payroll Liabili...	206.67	-206.67
					7125 · Payroll Taxes...	-48.34	48.34
					3110 · Medicare Pay...	48.34	-48.34
					3110 · Medicare Pay...	48.34	-48.34
					2110 · Direct Deposi...	2,589.68	-2,589.68
TOTAL						0.00	0.00
Paycheck	**DD1777**	**09/15/2023**	**Rachael Phillips**		**1006 · InterBank**		**0.00**
					7105 · Payroll	-1,770.83	1,770.83
					7115 · Medical Bene...	-501.19	501.19
					3120 · Group Health...	501.19	-501.19
					3100 · Payroll Liabili...	53.12	-53.12
					7121 · Simple IRA - ...	-53.12	53.12
					3100 · Payroll Liabili...	53.12	-53.12
					3125 · Dependant H...	21.79	-21.79
					3105 · Federal With...	89.00	-89.00
					7125 · Payroll Taxes...	-109.79	109.79
					3100 · Payroll Liabili...	109.79	-109.79
					3100 · Payroll Liabili...	109.79	-109.79
					7125 · Payroll Taxes...	-25.68	25.68
					3110 · Medicare Pay...	25.68	-25.68
					3110 · Medicare Pay...	25.68	-25.68
					2110 · Direct Deposi...	1,471.45	-1,471.45
TOTAL						0.00	0.00
Paycheck	**DD1778**	**09/15/2023**	**Stephanie D Keith**		**1006 · InterBank**		**0.00**

Middle Trinity Groundwater Conservation District
Check Detail
September 2023

Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
					7105 · Payroll	-2,237.27	2,237.27
					3115 · Simple IRA P...	67.12	-67.12
					7115 · Medical Bene...	-501.19	501.19
					3120 · Group Health...	501.19	-501.19
					7121 · Simple IRA - ...	-67.12	67.12
					3115 · Simple IRA P...	67.12	-67.12
					3105 · Federal With...	176.00	-176.00
					7125 · Payroll Taxes...	-138.71	138.71
					3100 · Payroll Liabili...	138.71	-138.71
					3100 · Payroll Liabili...	138.71	-138.71
					7125 · Payroll Taxes...	-32.44	32.44
					3110 · Medicare Pay...	32.44	-32.44
					3110 · Medicare Pay...	32.44	-32.44
					2110 · Direct Deposi...	1,823.00	-1,823.00
TOTAL						0.00	0.00
Paycheck	**DD1779**	**09/29/2023**	**Deborah Montgom...**		**1006 · InterBank**		**0.00**
					7105 · Payroll	-1,972.63	1,972.63
					7105 · Payroll	-37.69	37.69
					3125 · Dependant H...	7.64	-7.64
					3115 · Simple IRA P...	60.31	-60.31
					7115 · Medical Bene...	-501.19	501.19
					3120 · Group Health...	501.19	-501.19
					7120 · Simple IRA-D...	-60.31	60.31
					3115 · Simple IRA P...	60.31	-60.31
					3105 · Federal With...	134.00	-134.00
					7125 · Payroll Taxes...	-124.64	124.64
					3100 · Payroll Liabili...	124.64	-124.64
					3100 · Payroll Liabili...	124.64	-124.64
					7125 · Payroll Taxes...	-29.15	29.15
					3110 · Medicare Pay...	29.15	-29.15
					3110 · Medicare Pay...	29.15	-29.15
					2110 · Direct Deposi...	1,654.58	-1,654.58
TOTAL						0.00	0.00
Paycheck	**DD1780**	**09/29/2023**	**Johnny D Wells**		**1006 · InterBank**		**0.00**
					7105 · Payroll	-2,575.23	2,575.23
					3115 · Simple IRA P...	100.00	-100.00
					7115 · Medical Bene...	-501.19	501.19
					3120 · Group Health...	501.19	-501.19
					3125 · Dependant H...	38.95	-38.95
					7141 · Simple IRA-J...	-77.26	77.26
					3115 · Simple IRA P...	77.26	-77.26
					3105 · Federal With...	318.00	-318.00
					7125 · Payroll Taxes...	-159.67	159.67
					3100 · Payroll Liabili...	159.67	-159.67
					3100 · Payroll Liabili...	159.67	-159.67

Middle Trinity Groundwater Conservation District
Check Detail
September 2023

Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
					7125 · Payroll Taxes...	-37.35	37.35
					3110 · Medicare Pay...	37.35	-37.35
					3110 · Medicare Pay...	37.35	-37.35
					2110 · Direct Deposi...	1,921.26	-1,921.26
TOTAL						0.00	0.00
Paycheck	**DD1781**	**09/29/2023**	**Patrick F Wagner**		**1006 · InterBank**		**0.00**
					7105 · Payroll	-3,000.00	3,000.00
					7105 · Payroll	-333.33	333.33
					7115 · Medical Bene...	-501.19	501.19
					3120 · Group Health...	501.19	-501.19
					3100 · Payroll Liabili...	100.00	-100.00
					7121 · Simple IRA - ...	-100.00	100.00
					3100 · Payroll Liabili...	100.00	-100.00
					3125 · Dependant H...	7.64	-7.64
					3105 · Federal With...	381.00	-381.00
					7125 · Payroll Taxes...	-206.67	206.67
					3100 · Payroll Liabili...	206.67	-206.67
					3100 · Payroll Liabili...	206.67	-206.67
					7125 · Payroll Taxes...	-48.33	48.33
					3110 · Medicare Pay...	48.33	-48.33
					3110 · Medicare Pay...	48.33	-48.33
					2110 · Direct Deposi...	2,589.69	-2,589.69
TOTAL						0.00	0.00
Paycheck	**DD1782**	**09/29/2023**	**Rachael Phillips**		**1006 · InterBank**		**0.00**
					7105 · Payroll	-1,704.42	1,704.42
					7105 · Payroll	-66.41	66.41
					7115 · Medical Bene...	-501.19	501.19
					3120 · Group Health...	501.19	-501.19
					3100 · Payroll Liabili...	53.12	-53.12
					7121 · Simple IRA - ...	-53.12	53.12
					3100 · Payroll Liabili...	53.12	-53.12
					3125 · Dependant H...	21.79	-21.79
					3105 · Federal With...	89.00	-89.00
					7125 · Payroll Taxes...	-109.80	109.80
					3100 · Payroll Liabili...	109.80	-109.80
					3100 · Payroll Liabili...	109.80	-109.80
					7125 · Payroll Taxes...	-25.68	25.68
					3110 · Medicare Pay...	25.68	-25.68
					3110 · Medicare Pay...	25.68	-25.68
					2110 · Direct Deposi...	1,471.44	-1,471.44
TOTAL						0.00	0.00
Paycheck	**DD1783**	**09/29/2023**	**Stephanie D Keith**		**1006 · InterBank**		**0.00**

Middle Trinity Groundwater Conservation District
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Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
					7105 · Payroll	-2,237.27	2,237.27
					3115 · Simple IRA P...	67.12	-67.12
					7115 · Medical Bene...	-501.19	501.19
					3120 · Group Health...	501.19	-501.19
					7121 · Simple IRA - ...	-67.12	67.12
					3115 · Simple IRA P...	67.12	-67.12
					3105 · Federal With...	176.00	-176.00
					7125 · Payroll Taxes...	-138.71	138.71
					3100 · Payroll Liabili...	138.71	-138.71
					3100 · Payroll Liabili...	138.71	-138.71
					7125 · Payroll Taxes...	-32.44	32.44
					3110 · Medicare Pay...	32.44	-32.44
					3110 · Medicare Pay...	32.44	-32.44
					2110 · Direct Deposi...	1,823.00	-1,823.00
TOTAL						0.00	0.00
Check	**12498**	**09/01/2023**	**Dez Fleet**		**1006 · InterBank**		**-200.00**
Credit Memo	10517	09/01/2023		Operating...	5230 · Permit Deposit	-200.00	200.00
TOTAL						-200.00	200.00
Bill Pmt -Check	**12499**	**09/01/2023**	**Cindy Spears**		**1006 · InterBank**		**-400.00**
Bill		08/31/2023			7308 · Janitorial Ser...	-400.00	400.00
TOTAL						-400.00	400.00
Check	**12500**	**09/01/2023**	**Associated Well Se...**		**1006 · InterBank**		**-200.00**
Credit Memo	10518	09/01/2023		Operating...	5230 · Permit Deposit	-200.00	200.00
TOTAL						-200.00	200.00
Check	**12501**	**09/01/2023**	**Associated Well Se...**		**1006 · InterBank**		**-200.00**
Credit Memo	10519	09/01/2023		Operating...	5230 · Permit Deposit	-200.00	200.00
TOTAL						-200.00	200.00
Bill Pmt -Check	**12502**	**09/06/2023**	**Bosque County Pu...**		**1006 · InterBank**		**-672.00**
Bill		09/06/2023			7205 · Public Notice...	-672.00	672.00
TOTAL						-672.00	672.00
Bill Pmt -Check	**12503**	**09/06/2023**	**Comanche Central ...**		**1006 · InterBank**		**-644.82**

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Check Detail
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Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Bill		09/06/2023			7935 · COMANCHE...	-644.82	644.82
TOTAL						-644.82	644.82
Bill Pmt -Check	**12504**	**09/06/2023**	**Coryell Central Ap...**		**1006 · InterBank**		**-1,324.92**
Bill		09/06/2023			7939 · CORYELL-T...	-1,324.92	1,324.92
TOTAL						-1,324.92	1,324.92
Bill Pmt -Check	**12505**	**09/06/2023**	**Erath County Appr...**		**1006 · InterBank**		**-2,392.24**
Bill		09/06/2023			7930 · ERATH-Tax ...	-2,392.24	2,392.24
TOTAL						-2,392.24	2,392.24
Bill Pmt -Check	**12506**	**09/06/2023**	**Kirbo's Office Syst...**		**1006 · InterBank**		**-265.71**
Bill		09/06/2023			7540 · Copier Maint...	-265.71	265.71
TOTAL						-265.71	265.71
Bill Pmt -Check	**12507**	**09/06/2023**	**Tech323 LLC**		**1006 · InterBank**		**-1,000.00**
Bill		09/06/2023			7574 · IT Services	-1,000.00	1,000.00
TOTAL						-1,000.00	1,000.00
Bill Pmt -Check	**12508**	**09/06/2023**	**The Comanche Chi...**		**1006 · InterBank**		**-210.01**
Bill		09/06/2023			7205 · Public Notice...	-210.01	210.01
TOTAL						-210.01	210.01
Bill Pmt -Check	**12509**	**09/06/2023**	**The Dublin Citizen**		**1006 · InterBank**		**-214.50**
Bill		09/06/2023			7205 · Public Notice...	-214.50	214.50
TOTAL						-214.50	214.50
Bill Pmt -Check	**12510**	**09/06/2023**	**The Gatesville Mes...**		**1006 · InterBank**		**-432.00**
Bill		09/06/2023			7205 · Public Notice...	-432.00	432.00
TOTAL						-432.00	432.00

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Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Bill Pmt -Check	**12511**	**09/06/2023**	**The Water Shop**		**1006 · InterBank**		**-49.75**
Bill		09/06/2023			7320 · Building Maint.	-49.75	49.75
TOTAL						-49.75	49.75
Bill Pmt -Check	**12512**	**09/06/2023**	**Totelcom**		**1006 · InterBank**		**-473.20**
Bill		09/06/2023			7310 · Landline, Toll...	-320.80	320.80
					7211.1 · The Ditch ...	-152.40	152.40
TOTAL						-473.20	473.20
Bill Pmt -Check	**12513**	**09/06/2023**	**Lloyd, Gosselink,R...**		**1006 · InterBank**		**-7,373.67**
Bill		09/06/2023			7915 · Legal Services	-7,168.00	7,168.00
					7915 · Legal Services	-205.67	205.67
TOTAL						-7,373.67	7,373.67
Bill Pmt -Check	**12514**	**09/06/2023**	**Card Service Center**		**1006 · InterBank**		**-3,795.79**
Bill		09/06/2023			7570 · Computer So...	-1,148.11	1,148.11
					7505 · Office Supplies	-320.73	320.73
					8120 · Fuel Expense	-1,030.30	1,030.30
					7440 · Association ...	-445.00	445.00
					7211.4 · Landscape ...	-156.43	156.43
					7650 · Aquifer Monit...	-79.99	79.99
					7525 · Postage	-334.50	334.50
					7210 · Public Educa...	-119.89	119.89
					7445 · Employee Lo...	-58.42	58.42
					8115 · Auto Mainten...	-82.42	82.42
					7205 · Public Notice...	-20.00	20.00
TOTAL						-3,795.79	3,795.79
Bill Pmt -Check	**12515**	**09/06/2023**	**Barbara Domel**		**1006 · InterBank**		**-250.00**
Bill		09/06/2023			7430 · Board of Dire...	-250.00	250.00
TOTAL						-250.00	250.00
Bill Pmt -Check	**12516**	**09/06/2023**	**Butch Ronne**		**1006 · InterBank**		**-250.00**
Bill		09/06/2023			7430 · Board of Dire...	-250.00	250.00
TOTAL						-250.00	250.00

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Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Bill Pmt -Check	**12517**	**09/06/2023**	**Charles E. Ferguson**		**1006 · InterBank**		**-250.00**
Bill		09/06/2023			7430 · Board of Dire...	-250.00	250.00
TOTAL						-250.00	250.00
Bill Pmt -Check	**12518**	**09/06/2023**	**Frank G Volleman**		**1006 · InterBank**		**-250.00**
Bill		09/06/2023			7430 · Board of Dire...	-250.00	250.00
TOTAL						-250.00	250.00
Bill Pmt -Check	**12519**	**09/06/2023**	**Fred B. Parker**		**1006 · InterBank**		**-250.00**
Bill		09/06/2023			7430 · Board of Dire...	-250.00	250.00
TOTAL						-250.00	250.00
Bill Pmt -Check	**12520**	**09/06/2023**	**Jerry Hinshaw**		**1006 · InterBank**		**-250.00**
Bill		09/06/2023			7430 · Board of Dire...	-250.00	250.00
TOTAL						-250.00	250.00
Bill Pmt -Check	**12521**	**09/06/2023**	**Joe Altebaumer**		**1006 · InterBank**		**-250.00**
Bill		09/06/2023			7430 · Board of Dire...	-250.00	250.00
TOTAL						-250.00	250.00
Bill Pmt -Check	**12522**	**09/06/2023**	**Kenneth Bullington**		**1006 · InterBank**		**-250.00**
Bill		09/06/2023			7430 · Board of Dire...	-250.00	250.00
TOTAL						-250.00	250.00
Bill Pmt -Check	**12523**	**09/06/2023**	**Rodney Stephens**		**1006 · InterBank**		**-250.00**
Bill		09/06/2023			7430 · Board of Dire...	-250.00	250.00
TOTAL						-250.00	250.00
Bill Pmt -Check	**12524**	**09/06/2023**	**Shane Tucker**		**1006 · InterBank**		**-250.00**
Bill		09/06/2023			7430 · Board of Dire...	-250.00	250.00
TOTAL						-250.00	250.00

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Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Bill Pmt -Check	**12525**	**09/06/2023**	**W.B. Maples**		**1006 · InterBank**		**-250.00**
Bill		09/06/2023			7430 · Board of Dire...	-250.00	250.00
TOTAL						-250.00	250.00
Liability Check	**12526**	**09/15/2023**	**American Funds S...**		**1006 · InterBank**		**-120.62**
					3115 · Simple IRA P...	-60.31	60.31
					3115 · Simple IRA P...	-60.31	60.31
TOTAL						-120.62	120.62
Liability Check	**12527**	**09/15/2023**	**Edward Jones**		**1006 · InterBank**		**-440.48**
					3100 · Payroll Liabili...	-100.00	100.00
					3115 · Simple IRA P...	-67.12	67.12
					3100 · Payroll Liabili...	-53.12	53.12
					3100 · Payroll Liabili...	-100.00	100.00
					3115 · Simple IRA P...	-67.12	67.12
					3100 · Payroll Liabili...	-53.12	53.12
TOTAL						-440.48	440.48
Liability Check	**12528**	**09/15/2023**	**TD Ameritrade**		**1006 · InterBank**		**-177.26**
					3115 · Simple IRA P...	-100.00	100.00
					3115 · Simple IRA P...	-77.26	77.26
TOTAL						-177.26	177.26
Bill Pmt -Check	**12529**	**09/12/2023**	**Canon Financial S...**		**1006 · InterBank**		**-116.97**
Bill		09/12/2023			7540 · Copier Maint...	-116.97	116.97
TOTAL						-116.97	116.97
Bill Pmt -Check	**12530**	**09/12/2023**	**Jennifer Carey**		**1006 · InterBank**		**-7.98**
Bill		09/12/2023			7920 · ERATH-Tax ...	-7.98	7.98
TOTAL						-7.98	7.98
Bill Pmt -Check	**12531**	**09/12/2023**	**McCreary, Veselka,...**		**1006 · InterBank**		**-189.14**
Bill		09/12/2023			7920 · ERATH-Tax ...	-189.14	189.14

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Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
TOTAL						-189.14	189.14
Bill Pmt -Check	**12532**	**09/12/2023**	**Reliant**		**1006 · InterBank**		**-458.07**
Bill		09/12/2023			7305 · Electricity	-458.07	458.07
TOTAL						-458.07	458.07
Bill Pmt -Check	**12533**	**09/18/2023**	**CNA Surety**		**1006 · InterBank**		**-100.00**
Bill		09/18/2023			7830 · Directors Bon...	-50.00	50.00
Bill		09/18/2023			7830 · Directors Bon...	-50.00	50.00
TOTAL						-100.00	100.00
Bill Pmt -Check	**12534**	**09/18/2023**	**Lovell Lawn & Lan...**		**1006 · InterBank**		**-415.00**
Bill		09/18/2023			7320 · Building Maint.	-415.00	415.00
TOTAL						-415.00	415.00
Bill Pmt -Check	**12535**	**09/18/2023**	**Office of the Secret...**		**1006 · InterBank**		**-275.00**
Bill		09/18/2023			7425 · Registration ...	-275.00	275.00
TOTAL						-275.00	275.00
Bill Pmt -Check	**12536**	**09/18/2023**	**Stephenville City ...**		**1006 · InterBank**		**-997.36**
Bill		09/18/2023			7306 · City Water, S...	-997.36	997.36
TOTAL						-997.36	997.36
Liability Check	**12537**	**09/30/2023**	**TML MultiState Inte...**		**1006 · InterBank**		**-5,163.89**
					3125 · Dependant H...	-121.48	121.48
					3125 · Dependant H...	-30.56	30.56
					3120 · Group Health...	-5,011.85	5,011.85
TOTAL						-5,163.89	5,163.89
Bill Pmt -Check	**12538**	**09/20/2023**	**North Texas GCD**		**1006 · InterBank**		**-3,607.69**
Bill		08/21/2023			7971 · GMA 8	-3,607.69	3,607.69
TOTAL						-3,607.69	3,607.69

Middle Trinity Groundwater Conservation District
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Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Bill Pmt -Check	**12539**	**09/20/2023**	**Advanced Ground...**		**1006 · InterBank**		**-5,892.50**
Bill		09/20/2023			7970 · Hydrology	-5,392.50	5,392.50
Bill		09/20/2023			7970 · Hydrology	-500.00	500.00
TOTAL						-5,892.50	5,892.50
Check	**12540**	**09/22/2023**	**James & Wanda M...**		**1006 · InterBank**		**-200.00**
Credit Memo	10526	09/22/2023		Operating...	5230 · Permit Deposit	-200.00	200.00
TOTAL						-200.00	200.00
Bill Pmt -Check	**12541**	**09/25/2023**	**AT&T**		**1006 · InterBank**		**-209.26**
Bill		09/25/2023			7315 · Cellular Phon...	-209.26	209.26
TOTAL						-209.26	209.26
Bill Pmt -Check	**12542**	**09/25/2023**	**Lloyd, Gosselink,R...**		**1006 · InterBank**		**-3,426.00**
Bill		09/25/2023			7915 · Legal Services	-3,426.00	3,426.00
TOTAL						-3,426.00	3,426.00
Check	**12543**	**09/25/2023**	**Associated Well Se...**		**1006 · InterBank**		**-200.00**
Credit Memo	10530	09/25/2023		Operating...	5230 · Permit Deposit	-200.00	200.00
TOTAL						-200.00	200.00
Liability Check	**12544**	**09/29/2023**	**American Funds S...**		**1006 · InterBank**		**-120.62**
					3115 · Simple IRA P...	-60.31	60.31
					3115 · Simple IRA P...	-60.31	60.31
TOTAL						-120.62	120.62
Liability Check	**12545**	**09/29/2023**	**Edward Jones**		**1006 · InterBank**		**-440.48**
					3100 · Payroll Liabili...	-100.00	100.00
					3115 · Simple IRA P...	-67.12	67.12
					3100 · Payroll Liabili...	-53.12	53.12
					3100 · Payroll Liabili...	-100.00	100.00
					3115 · Simple IRA P...	-67.12	67.12
					3100 · Payroll Liabili...	-53.12	53.12
TOTAL						-440.48	440.48

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Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Liability Check	**12546**	**09/29/2023**	**Schwab**		**1006 · InterBank**		**-177.26**
					3115 · Simple IRA P...	-100.00	100.00
					3115 · Simple IRA P...	-77.26	77.26
TOTAL						-177.26	177.26
Bill Pmt -Check	**12547**	**09/26/2023**	**Kirbo's Office Syst...**		**1006 · InterBank**		**-85.14**
Bill		09/26/2023			7540 · Copier Maint...	-85.14	85.14
TOTAL						-85.14	85.14
Bill Pmt -Check	**12548**	**09/26/2023**	**Texas Sodium Ben...**		**1006 · InterBank**		**-1,107.60**
Bill		09/26/2023			7660 · Well Capping...	-1,107.60	1,107.60
TOTAL						-1,107.60	1,107.60
Check	**12549**	**09/26/2023**	**Jodie VanDerbeck**		**1006 · InterBank**		**-200.00**
Credit Memo	10532	09/26/2023		Operating...	5230 · Permit Deposit	-200.00	200.00
TOTAL						-200.00	200.00
Check	**12550**	**09/26/2023**	**Associated Well Se...**		**1006 · InterBank**		**-200.00**
Credit Memo	10533	09/26/2023		Operating...	5230 · Permit Deposit	-200.00	200.00
TOTAL						-200.00	200.00
Bill Pmt -Check	**12551**	**09/26/2023**	**IDEXX Laboratories**		**1006 · InterBank**		**-208.34**
Bill		09/26/2023			7645 · Labratory Su...	-208.34	208.34
TOTAL						-208.34	208.34
Bill Pmt -Check	**12552**	**09/27/2023**	**Leo's Window Clea...**		**1006 · InterBank**		**-65.00**
Bill		09/27/2023			7320 · Building Maint.	-65.00	65.00
TOTAL						-65.00	65.00
Bill Pmt -Check	**12553**	**09/27/2023**	**Cindy Spears**		**1006 · InterBank**		**-240.00**
Bill		09/27/2023			7308 · Janitorial Ser...	-240.00	240.00

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Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
TOTAL						-240.00	240.00
Bill Pmt -Check	**12554**	**09/29/2023**	**Acorn Naturalists**		**1006 · InterBank**		**-1,059.94**
Bill		09/29/2023			7210 · Public Educa...	-1,059.94	1,059.94
TOTAL						-1,059.94	1,059.94
Bill Pmt -Check	**12555**	**09/29/2023**	**Amazon Capital Se...**		**1006 · InterBank**		**-900.40**
Bill		09/29/2023			7210 · Public Educa...	-900.40	900.40
TOTAL						-900.40	900.40
Bill Pmt -Check	**12556**	**09/29/2023**	**Dell Catalog Sales,...**		**1006 · InterBank**		**-4,622.71**
Bill		09/29/2023			7550 · Office Equip...	-4,622.71	4,622.71
TOTAL						-4,622.71	4,622.71
Bill Pmt -Check	**12557**	**09/29/2023**	**Kaplan Early Learn...**		**1006 · InterBank**		**-1,192.20**
Bill		09/29/2023			7210 · Public Educa...	-1,192.20	1,192.20
TOTAL						-1,192.20	1,192.20
Bill Pmt -Check	**12558**	**09/29/2023**	**North Texas GCD**		**1006 · InterBank**		**-5,016.13**
Bill		09/29/2023			7971 · GMA 8	-5,016.13	5,016.13
TOTAL						-5,016.13	5,016.13
Liability Check	**9152023**	**09/15/2023**	**Internal Revenue S...**		**1006 · InterBank**		**-2,922.84**
					3105 · Federal With...	-1,098.00	1,098.00
					3110 · Medicare Pay...	-172.95	172.95
					3110 · Medicare Pay...	-172.95	172.95
					3100 · Payroll Liabili...	-739.47	739.47
					3100 · Payroll Liabili...	-739.47	739.47
TOTAL						-2,922.84	2,922.84
Bill Pmt -Check	**9202023**	**09/20/2023**	**Interbank**		**1006 · InterBank**		**-30.00**
Bill		09/20/2023			7575 · Misc. office e...	-30.00	30.00
TOTAL						-30.00	30.00

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Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Liability Check	**9292023**	**09/29/2023**	**Internal Revenue S...**		**1006 · InterBank**		**-2,922.88**
					3105 · Federal With...	-1,098.00	1,098.00
					3110 · Medicare Pay...	-172.95	172.95
					3110 · Medicare Pay...	-172.95	172.95
					3100 · Payroll Liabili...	-739.49	739.49
					3100 · Payroll Liabili...	-739.49	739.49
TOTAL						-2,922.88	2,922.88

Middle Trinity Groundwater Conservation District

North Texas GCD

12480

8/21/2023

Date	Type	Reference	Original Amt.	Balance Due	Discount	Payment
8/21/2023	Bill		3,607.69	3,607.69		3,607.69
					Check Amount	3,607.69

Voided: Lost in mail.
20 Sept 2023 RP

Stop payment issued. New Check # 12538
20 Sept 2023

InterBank July Invoice 3,607.69

PRODUCT SSLT103 USE WITH 91663 ENVELOPE Deluxe Corporation 1-800-328-0304 or www.deluxe.com/shop

3947081300

D9G1UL CHIKDK04 06/26/2023 05:20 -189-

Middle Trinity Groundwater Conservation District
Profit & Loss Budget vs. Actual
January through September 2023

	Jan - Sep 23	Budget	$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
5000 · TAX REVENUE-INCOME				
5140.1 · CORYELL-Delinquent I&S	0.39	0.00	0.39	100.0%
5140 · CORYELL-Delinquent M&O	2,205.05	0.00	2,205.05	100.0%
5135.1 · CORYELL Interest and Sinking	2.03	0.00	2.03	100.0%
5135 · CORYELL- Maint. and Operation	247,398.86	284,936.00	-37,537.14	86.8%
5121.1 · BOSQUE-Delinquent I&S	0.33			
5120.1 · BOSQUE-Interest and Sinking	7.34	0.00	7.34	100.0%
5121 · BOSQUE-Delinquent M&O	5,508.31	0.00	5,508.31	100.0%
5105.1 · COMANCHE-Interest and Sinking	6.44	0.00	6.44	100.0%
5005 · ERATH-Maint. and Operation	261,924.67	374,234.00	-112,309.33	70.0%
5105 · COMANCHE-Maint. and Operation	80,782.70	103,010.00	-22,227.30	78.4%
5110 · COMANCHE-Delinquent M&O	2,237.11	0.00	2,237.11	100.0%
5120 · BOSQUE-Maint. and Operation	168,461.78	191,412.00	-22,950.22	88.0%
Total 5000 · TAX REVENUE-INCOME	768,535.01	953,592.00	-185,056.99	80.6%
5200 · Other Revenue				
5230 · Permit Deposit	3,000.00	0.00	3,000.00	100.0%
5205 · Interest Earned	100,311.47	0.00	100,311.47	100.0%
Total 5200 · Other Revenue	103,311.47	0.00	103,311.47	100.0%
Total Income	871,846.48	953,592.00	-81,745.52	91.4%
Gross Profit	871,846.48	953,592.00	-81,745.52	91.4%
Expense				
8500 · MTGCD Studies				
8500.2 · MTGCD Pump Studies	13,690.00	16,000.00	-2,310.00	85.6%
8500.1 · MTGCD 3D Model	128,111.33	145,000.00	-16,888.67	88.4%
Total 8500 · MTGCD Studies	141,801.33	161,000.00	-19,198.67	88.1%
7211 · The Ditch Development				
7211.12 · Ditch Sidewalk (Waldrop)	10,879.00	13,924.00	-3,045.00	78.1%
7211.9 · Waldrop Fee 6%	35,169.00	38,000.00	-2,831.00	92.6%
7211.8 · Interpretive Signage	88,448.88	100,000.00	-11,551.12	88.4%
7211.1 · The Ditch Operations & Maint.	2,623.93	45,000.00	-42,376.07	5.8%
7211.6 · Design Fees Expenses	37,387.06	38,000.00	-612.94	98.4%
7211.5 · General Condition Expenses	29,165.00	29,165.00	0.00	100.0%
7211.4 · Landscape Architecture Expenses	401,665.34	519,161.00	-117,495.66	77.4%
7211.3 · Learning Center Building	303,002.00	330,836.00	-27,834.00	91.6%
7211.2 · Pre Contruction Site Expenses	780.00	780.00	0.00	100.0%
Total 7211 · The Ditch Development	909,120.21	1,114,866.00	-205,745.79	81.5%
8100 · MTGCD Vehicles				
8125 · Allowance for Replacement	0.00	0.00	0.00	0.0%
8120 · Fuel Expense	6,082.85	7,700.00	-1,617.15	79.0%
8115 · Auto Maintenance	2,215.94	2,050.00	165.94	108.1%

Middle Trinity Groundwater Conservation District
Profit & Loss Budget vs. Actual
January through September 2023

	Jan - Sep 23	Budget	$ Over Budget	% of Budget
Total 8100 · MTGCD Vehicles	8,298.79	9,750.00	-1,451.21	85.1%
8015 · Contingency	0.00	0.00	0.00	0.0%
7100 · Salaries & Benefits				
7141 · Simple IRA-Johnny	1,390.68	1,390.68	0.00	100.0%
7140 · Payroll Fees-Intuit	251.94	276.00	-24.06	91.3%
7121 · Simple IRA - PW, SK, RP	3,964.32	3,964.32	0.00	100.0%
7421 · Mileage Reimbursement	0.00	0.00	0.00	0.0%
7105 · Payroll	214,685.64	214,685.64	0.00	100.0%
7115 · Medical Benefits-TML IEBP	45,107.10	59,889.60	-14,782.50	75.3%
7120 · Simple IRA-Debbie	1,085.58	1,085.58	0.00	100.0%
7125 · Payroll Taxes Expenses	16,423.47	16,423.47	0.00	100.0%
7100 · Salaries & Benefits - Other	0.00	0.00	0.00	0.0%
Total 7100 · Salaries & Benefits	282,908.73	297,715.29	-14,806.56	95.0%
7200 · Public Information				
7212 · Scholarship/Grant Allowance	7,250.00	10,500.00	-3,250.00	69.0%
7225 · Web Page	0.00	350.00	-350.00	0.0%
7205 · Public Notices/Subscriptions	4,493.14	4,500.00	-6.86	99.8%
7210 · Public Education	3,661.47	12,833.33	-9,171.86	28.5%
Total 7200 · Public Information	15,404.61	28,183.33	-12,778.72	54.7%
7300 · Utilities & Maintenance				
7325 · Building Security Service	625.00	625.00	0.00	100.0%
7320 · Building Maint.	10,236.80	10,595.00	-358.20	96.6%
7306 · City Water, Sewer, Trash	3,239.84	3,498.00	-258.16	92.6%
7308 · Janitorial Services	2,960.00	3,200.00	-240.00	92.5%
7315 · Cellular Phone-ATT	1,876.89	1,900.00	-23.11	98.8%
7305 · Electricity	4,062.28	6,000.00	-1,937.72	67.7%
7310 · Landline, Toll Free, Internet	3,972.41	3,933.00	39.41	101.0%
Total 7300 · Utilities & Maintenance	26,973.22	29,751.00	-2,777.78	90.7%
7400 · Dues, Education, & Travel				
7445 · Employee Lodging and meals	3,936.30	6,500.00	-2,563.70	60.6%
7430 · Board of Directors Per Diem	24,000.00	29,000.00	-5,000.00	82.8%
7425 · Registration Fees & Seminars	2,511.20	4,125.00	-1,613.80	60.9%
7440 · Association Dues	730.00	3,000.00	-2,270.00	24.3%
Total 7400 · Dues, Education, & Travel	31,177.50	42,625.00	-11,447.50	73.1%
7500 · Office Supplies				
7574 · IT Services	9,000.00	9,000.00	0.00	100.0%
7573 · Database Maintenance	7,075.00	7,075.00	0.00	100.0%
7575 · Misc. office expense	30.00	0.00	30.00	100.0%
7570 · Computer Software	4,571.27	3,850.00	721.27	118.7%
7505 · Office Supplies	3,447.13	4,300.00	-852.87	80.2%
7525 · Postage	869.29	600.00	269.29	144.9%
7530 · Printing	38.61	150.00	-111.39	25.7%
7540 · Copier Maintenance and Lease	2,673.74	3,000.00	-326.26	89.1%

Middle Trinity Groundwater Conservation District
Profit & Loss Budget vs. Actual
January through September 2023

	Jan - Sep 23	Budget	$ Over Budget	% of Budget
7550 · Office Equipment	4,622.71	6,500.00	-1,877.29	71.1%
Total 7500 · Office Supplies	32,327.75	34,475.00	-2,147.25	93.8%
7600 · Field Tech Expenses				
7645 · Labratory Supplies	1,259.89	1,100.00	159.89	114.5%
7660 · Well Capping/Plugging	4,099.00	3,300.00	799.00	124.2%
7650 · Aquifer Monitoring Equip.	5,879.46	5,879.46	0.00	100.0%
7625 · Field Technician Supplies	509.08	750.00	-240.92	67.9%
7600 · Field Tech Expenses - Other	0.00	0.00	0.00	0.0%
Total 7600 · Field Tech Expenses	11,747.43	11,029.46	717.97	106.5%
7800 · Insurance & Bonds				
7850 · Auto Insurance	1,456.00	1,500.00	-44.00	97.1%
7835 · Other Bonds	50.00	200.00	-150.00	25.0%
7830 · Directors Bonds	393.00	400.00	-7.00	98.3%
7820 · Workmans Comp.Ins.	3,333.00	3,342.10	-9.10	99.7%
7805 · General Liability Ins	1,245.00	1,802.90	-557.90	69.1%
7810 · Building Property Ins.	2,403.00	2,405.00	-2.00	99.9%
7815 · Insurance Discount	-162.20	-134.00	-28.20	121.0%
Total 7800 · Insurance & Bonds	8,717.80	9,516.00	-798.20	91.6%
7900 · Professional Services				
7902 · Karst Coalition	4,637.03	4,637.03	0.00	100.0%
7971 · GMA 8	13,025.51	20,000.00	-6,974.49	65.1%
7923 · BOSQUE-Tax Collector	0.00	0.00	0.00	0.0%
7922 · CORYELL-Tax Collector	0.00	0.00	0.00	0.0%
7939 · CORYELL-Tax Appraiser	3,974.76	4,068.76	-94.00	97.7%
7937 · BOSQUE-Tax Appraiser	3,804.00	3,810.00	-6.00	99.8%
7970 · Hydrology	8,536.01	14,200.00	-5,663.99	60.1%
7950 · Tax Refund	0.00	1,575.00	-1,575.00	0.0%
7940 · Election Expense	0.00	0.00	0.00	0.0%
7935 · COMANCHE-Tax Appraiser	2,496.00	2,876.77	-380.77	86.8%
7930 · ERATH-Tax Appraiser	7,176.72	7,426.72	-250.00	96.6%
7925 · COMANCHE-Tax Collector	1,046.13			
7920 · ERATH-Tax Collector	4,609.29	6,200.00	-1,590.71	74.3%
7905 · Audit Services	17,500.00	17,500.00	0.00	100.0%
7915 · Legal Services	56,569.65	68,390.53	-11,820.88	82.7%
7900 · Professional Services - Other	0.00	0.00	0.00	0.0%
Total 7900 · Professional Services	123,375.10	150,684.81	-27,309.71	81.9%
Total Expense	1,591,852.47	1,889,595.89	-297,743.42	84.2%
Net Ordinary Income	-720,005.99	-936,003.89	215,997.90	76.9%
Net Income	**-720,005.99**	**-936,003.89**	**215,997.90**	**76.9%**

Middle Trinity Groundwater Conservation District
Paid Time Off List
October 3, 2023

Employee	Notes	Hire Date	Salary	Sick Rate	Sick Available	Sick Used	Vacation Rate	Vacation Ava...	Vacation Used
Deborah Montgomery	Has notes	09/01/2017	48,247.61	2:00	141:30	10:30	6:40	241:50	118:30
Johnny D Wells	Has notes	12/01/2008	61,805.60	2:00	129:00	11:00	8:34	213:58	139:00
Patrick F Wagner	Has notes	01/03/2022	80,000.00	2:00	27:00	31:00	3:33	44:24	62:30
Rachael Phillips	Has notes	08/01/2022	42,500.00	2:00	6:00	52:00	3:33	59:36	109:00
Stephanie D Keith	Has notes	07/17/2017	53,694.51	2:00	38:00	0:00	6:40	188:48	119:00

2023 COLLECTIONS BY COUNTY Y-T-D

		BOSQUE	COMANCHE	CORYELL	ERATH	TOTAL REVENUE
CERTIFIED TOTALS		2,622,080,814	1,411,094,220	3,903,234,697	5,126,499,786	13,062,909,517
TAX RATE 0.000073	#	191,412	103,010	284,936	374,234	953,592
TY 2022 (Oct 1, 2022 - Sept 30, 2023)						
CURRENT M&O		185,330.46	101,535.71	284,443.98	370,434.47	941,744.62
DELINQUENT M&O		4,590.51	2,166.94	1,878.28	-	8,635.73
TY 2022 TOTAL LEVY		189,920.97	103,702.65	286,322.26	370,434.47	950,380.35
PENALTY & INTEREST		1,297.53	1,002.77	834.17	-	3,134.47
TOTAL YTD COLLECTED		**191,218.50**	**104,705.42**	**287,156.43**	**370,434.47**	**953,514.82**
		99.90%	101.65%	100.78%	98.98%	99.99%

REVENUE BUDGET vs. EXPENSE BUDGET

TY	Tax Rate		Revenue Budget	FY		Expense Budget
2022	0.000073	$	953,592	2023	$	950,851
2021	0.000085	$	932,118	2022	$	903,472
2020	0.000092	$	920,458	2021	$	887,630
2019	0.000094	$	886,053	2020	$	952,883

MTGCD Quarterly Drought Report
2023 – September

Assessment of the U.S. Drought Monitor, Palmer Drought Severity Index (PDSI), Crop Moisture Index (CMI), and Drought Probability Predictions follow:

U.S. Drought Monitor:

The U.S. Drought Monitor[1] as of September 26, 2023, for the MTGCD is between drought conditions D2 (**severe drought**) and D4 (**exceptional drought**). All portions of each county are under drought conditions. Bosque, Comanche, and Erath Counties are in severe to extreme drought conditions. Coryell County is in extreme to exceptional drought.

Palmer Drought Severity Index: (MGMT Plan Objective E.2.)

The PDSI as of September 30, 2023, for the North Central Texas region is -4.05 which translates as **extreme drought**. Last month's value: -4.51.

Crop Moisture Index: (MGMT Plan Objective E.2.)

The CMI, as of September 2, 2023, for the North Central Texas region is -1.93, indicating that soil moisture is **abnormally dry**. Last month's value: -4.68.

Drought Probability Predictions: (MGMT Plan Objective E.2.)

The Climate Prediction Center of NOAA updated its U.S. seasonal outlook on September 30, 2023, with predictions through December 31, 2023. The map indicates continued drought conditions with improvement.

MTGCD Drought Cast: (MGMT Plan Objective E.1.)

MTGCD Drought Cast as part of the Drought Contingency Plan (DCP), uses NEX-RAD rainfall data provided by the National Oceanic and Atmospheric Administration over a 365-day total. Broken out amongst the four (4) counties: Bosque, Comanche, Coryell, and Erath. All counties are currently not in a Drought Stage per the DCP.

[1] The U.S. Drought Monitor is jointly produced by the National Drought Mitigation Center at the University of Nebraska-Lincoln, the United States Department of Agriculture, and the National Oceanic and Atmospheric Administration. Map courtesy of NDMC.

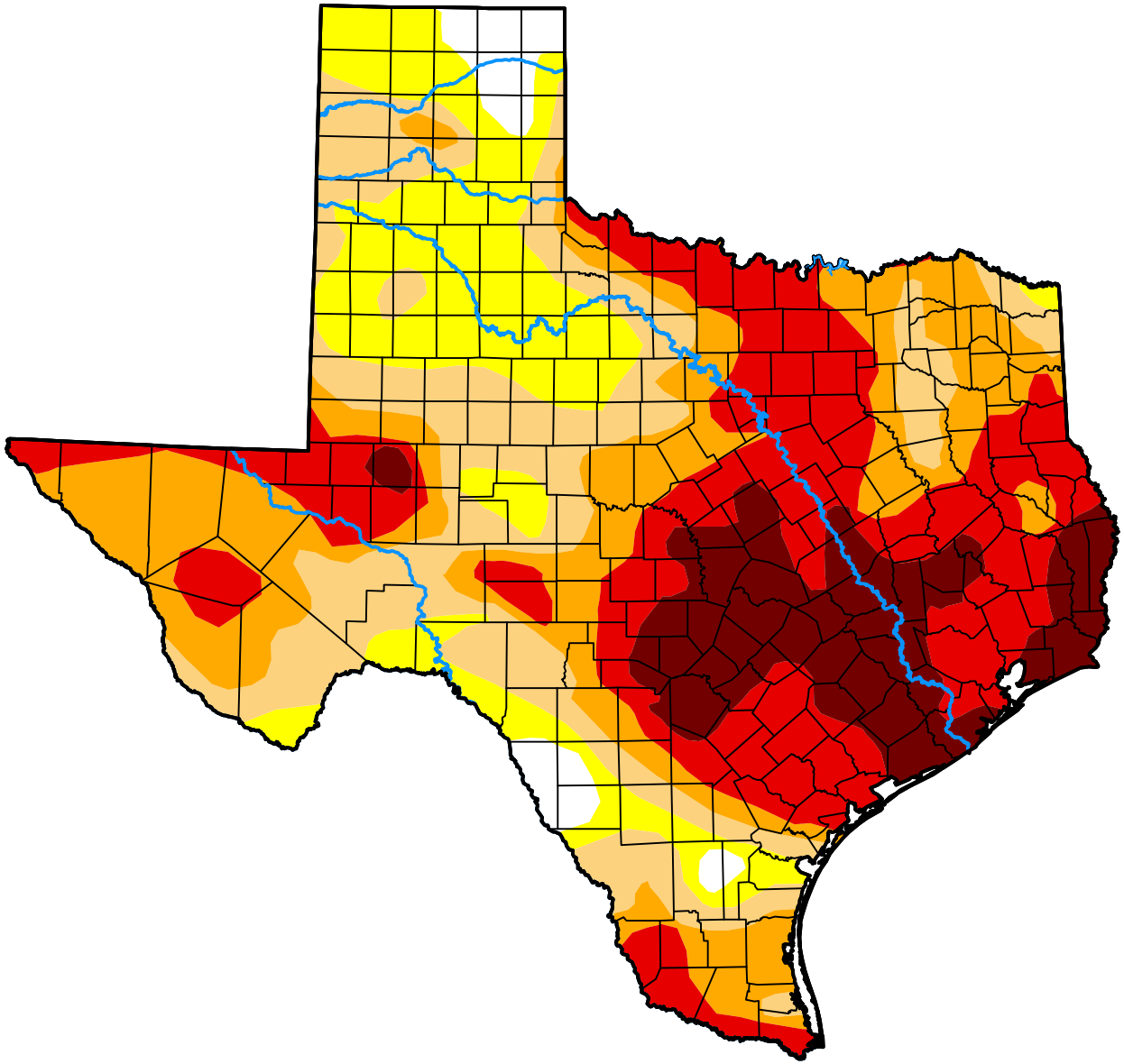
U.S. Drought Monitor

Texas

September 26, 2023

(Released Thursday, Sep. 28, 2023)

Valid 8 a.m. EDT



Intensity:

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

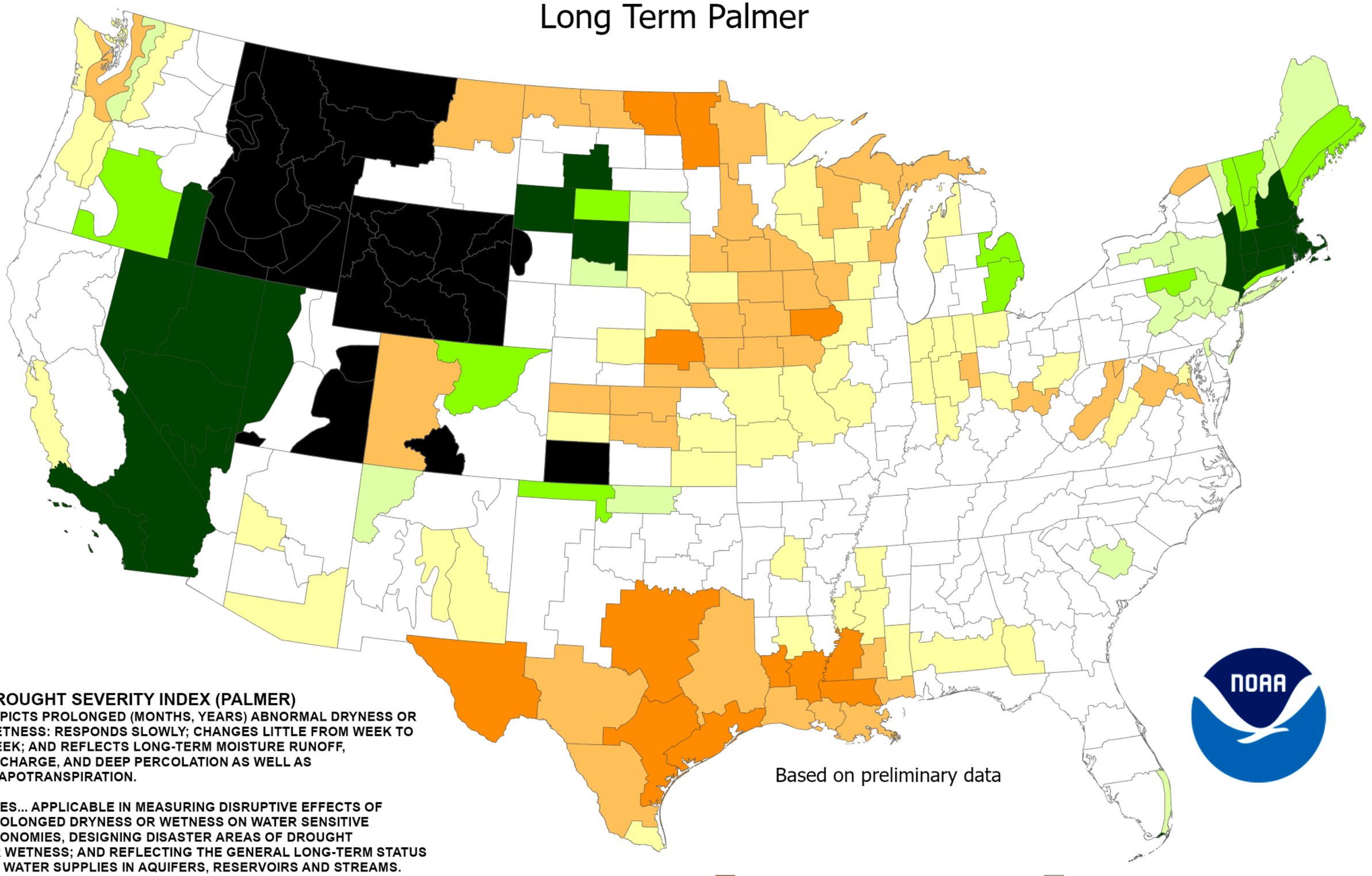
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

Author:

Richard Heim
NCEI/NOAA

droughtmonitor.unl.edu

Drought Severity Index by Division
Weekly Value for Period Ending Sep 30, 2023
Long Term Palmer



DROUGHT SEVERITY INDEX (PALMER)

DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS: RESPONDS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK; AND REFLECTS LONG-TERM MOISTURE RUNOFF, RECHARGE, AND DEEP PERCOLATION AS WELL AS EVAPOTRANSPIRATION.

USES... APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSITIVE ECONOMIES, DESIGNING DISASTER AREAS OF DROUGHT OR WETNESS; AND REFLECTING THE GENERAL LONG-TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS AND STREAMS.

LIMITATIONS... IS NOT GENERALLY INDICATIVE OF SHORT-TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).

Based on preliminary data

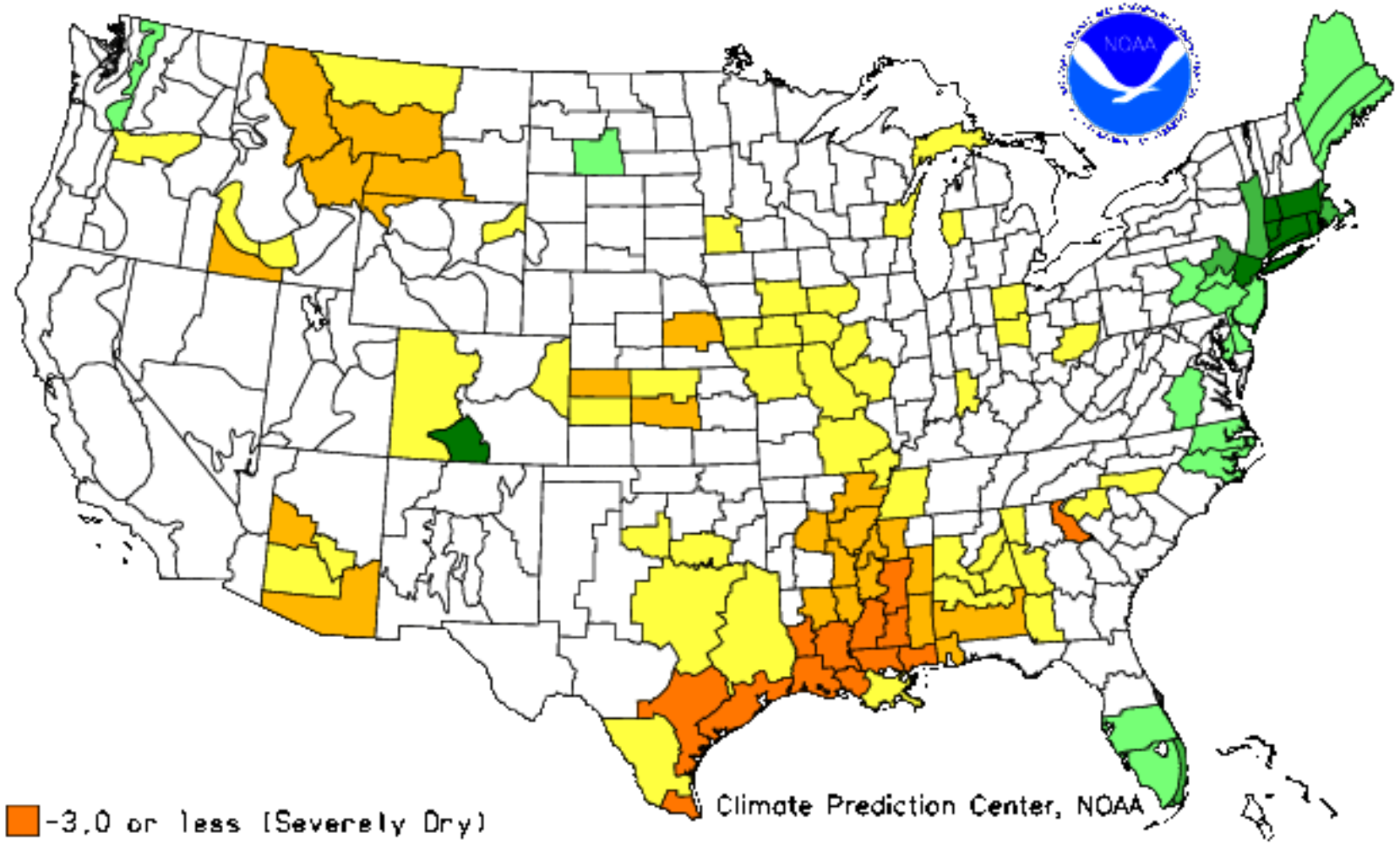
NOAA

- -4.0 or less (Extreme Drought)
- -3.0 to -3.9 (Severe Drought)
- -2.0 to -2.9 (Moderate Drought)
- --1.9 to +1.9 (Near Normal)
- +2.0 to +2.9 (Unusual Moist Spell)
- +3.0 to +3.9 (Very Moist Spell)
- +4.0 and above (Extremely Moist)
- Missing/Incomplete

Crop Moisture Index by Division

Weekly Value for Period Ending SEP 30, 2023

Short Term Need vs. Available Water in a Shallow Soil Profile



-3.0 or less (Severely Dry)

-2.0 to -2.9 (Excessively Dry)

-1.0 to -1.9 (Abnormally Dry)

-0.9 to +0.9 (Slightly Dry/Favorably Moist)

+1.0 to +1.9 (Abnormally Moist)

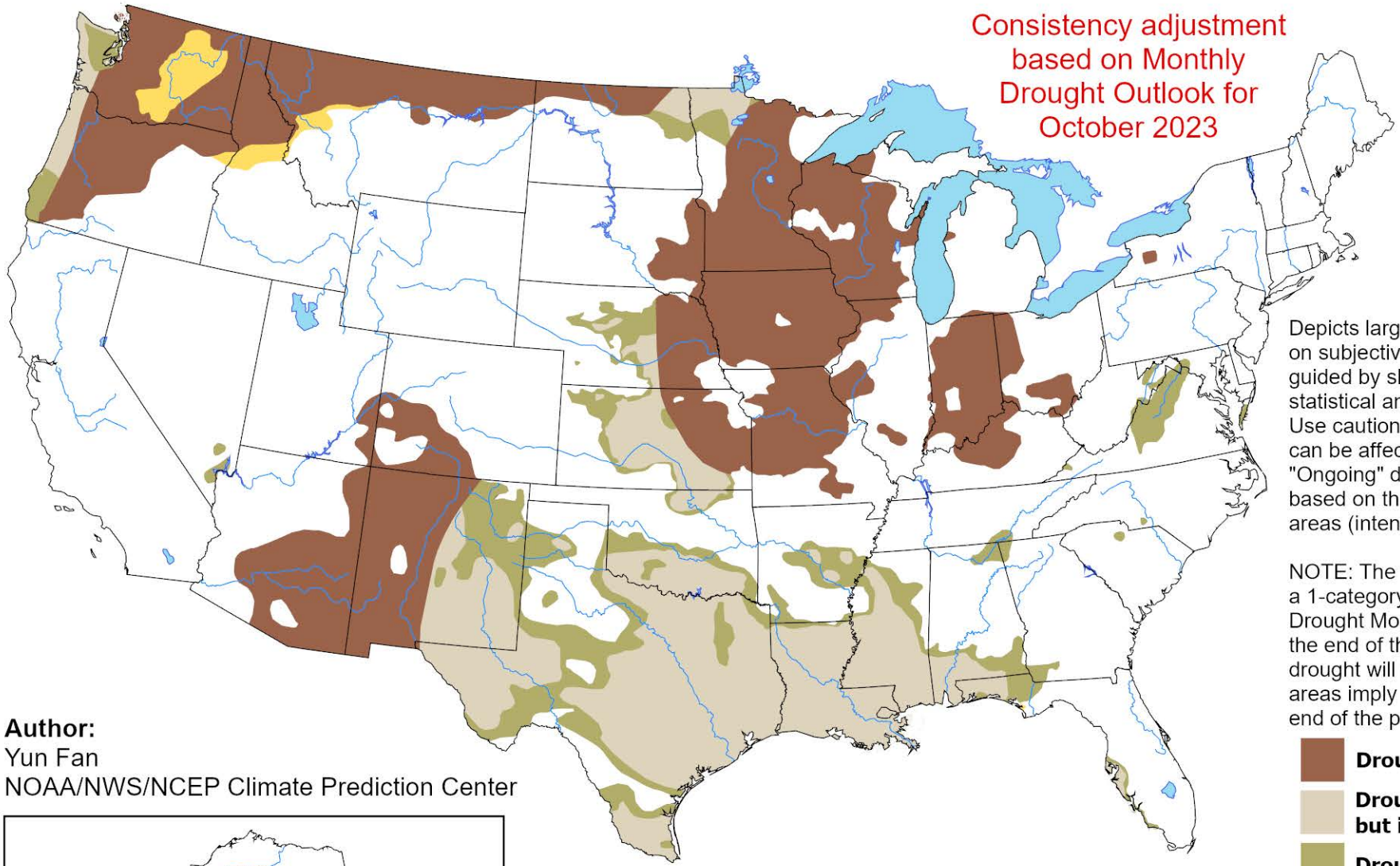
+2.0 to +2.9 (Wet)

+3.0 and above (Excessively Wet)

U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for October 1 - December 31, 2023
Released September 30, 2023

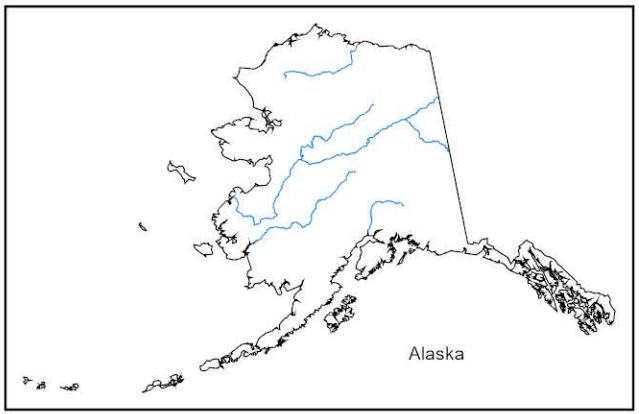


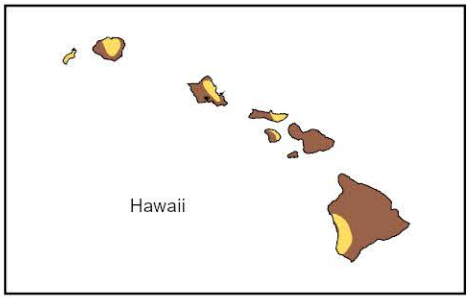
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

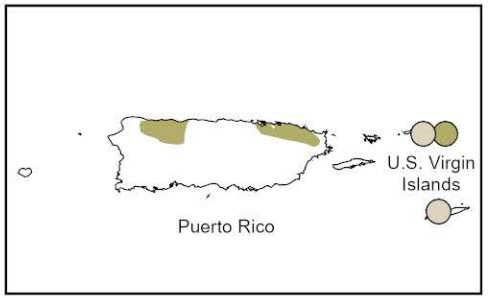
NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

- **Drought persists**
- **Drought remains, but improves**
- **Drought removal likely**
- **Drought development likely**
- **No drought**

Author:
Yun Fan
NOAA/NWS/NCEP Climate Prediction Center







https://go.usa.gov/3eZ73

MTGCD Drought Cast

as of October 3, 2023

County	Avg. Annual Rainfall (in.)	Total Last 365-Days (in.)	365-Day Total as % of Avg Annual (%)	365-Day Total Difference from Avg. Annual (in.)	Drought Stage
Bosque	35.23	29.457	83.613%	5.773	None
Comanche	31.82	26.971	84.761%	4.849	None
Coryell	31.96	26.426	82.685%	5.534	None
Erath	31.66	28.186	89.027%	3.474	None

DROUGHT STAGE	PRECIPITATION DEFICIT INDEX (PDI) DROUGHT STAGE TRIGGER PERCENT OF AVERAGE RAINFALL	PERCENT OF VOLUNTARY REDUCTION IN WATER USE
NO DROUGHT	**80-100%**	**0%**
STAGE 1 - Mild Drought Status	**70-79%**	**10%**
STAGE 2 - Moderate Drought Status	**60-69%**	**20%**
STAGE 3 - Severe Drought Status	**50-59%**	**30%**
STAGE 4 - Emergnecy Drought Status	**< 50%**	**40%**

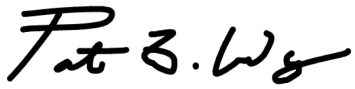
QUATERLY REPORT ON INVESTMENT OF PUBLIC FUNDS

for

October 5, 2023

MTGCD utilizes TexPool, a local government pool, as its vehicle for investments of public funds. TexPool and TexPool Prime are currently rated AAAm by Standard & Poors, the highest rating a local government investment pool can achieve. The average monthly interest rate on MTGCD's invested public funds for September 2023 is 5.3218% for TexPool and 5.5512% for TexPool Prime. As of 9/30/2023, MTGCD has a total of $ 2,108,187.13 invested at TexPool. A breakdown of MTGCD's TexPool accounts, including all investment transactions in the last quarter, is attached to this report.

I attest that all information in this report is true and correct,



Patrick F. Wagner

MTGCD General Manager

TexPool Participant Services
1001 Texas Ave, Ste 1150
Houston, TX 77002

MIDDLE TRINITY GROUNDWATER CON DIST
ATTN PATRICK WAGNER
930 WOLFE NURSERY RD
STEPHENVILLE TX 76401-1902

Statement Period 07/01/2023 - 09/30/2023
Customer Services 1-866-TEX-POOL
Location 000078892

INVESTMENT ACCOUNT-COMANCHE - 07889200001

07/01/2023-07/31/2023

Pool Name	Beginning Balance	Total Deposit	Total Withdrawal	Total Interest	Current Balance	Average balance
TexPool	$564,447.16	$0.00	$0.00	$2,456.27	$566,903.43	$564,526.39
TexPool Prime	$166,179.47	$0.00	$0.00	$756.49	$166,935.96	$166,203.87
Total Dollar Value	$730,626.63	$0.00	$0.00	$3,212.76	$733,839.39	

08/01/2023-08/31/2023

Pool Name	Beginning Balance	Total Deposit	Total Withdrawal	Total Interest	Current Balance	Average balance
TexPool	$566,903.43	$0.00	-$37,107.00	$2,548.70	$532,345.13	$564,591.65
TexPool Prime	$166,935.96	$0.00	$0.00	$788.72	$167,724.68	$166,961.40
Total Dollar Value	$733,839.39	$0.00	-$37,107.00	$3,337.42	$700,069.81	

09/01/2023-09/30/2023

Pool Name	Beginning Balance	Total Deposit	Total Withdrawal	Total Interest	Current Balance	Average balance
TexPool	$532,345.13	$0.00	-$204,419.89	$2,049.01	$329,974.25	$451,984.49
TexPool Prime	$167,724.68	$0.00	$0.00	$765.25	$168,489.93	$167,775.70
Total Dollar Value	$700,069.81	$0.00	-$204,419.89	$2,814.26	$498,464.18	

Account Totals

Pool Name	Beginning Balance	Total Deposit	Total Withdrawal	Total Interest	Current Balance
TexPool	$564,447.16	$0.00	-$241,526.89	$7,053.98	$329,974.25
TexPool Prime	$166,179.47	$0.00	$0.00	$2,310.46	$168,489.93
Total Dollar Value	$730,626.63	$0.00	-$241,526.89	$9,364.44	$498,464.18

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07/01/2023-07/31/2023

Pool Name	Beginning Balance	Total Deposit	Total Withdrawal	Total Interest	Current Balance	Average balance
TexPool	$98,244.85	$0.00	$0.00	$427.50	$98,672.35	$98,258.64
TexPool Prime	$1,760,946.72	$0.00	-$142,557.75	$7,718.96	$1,626,107.93	$1,684,924.03
Total Dollar Value	$1,859,191.57	$0.00	-$142,557.75	$8,146.46	$1,724,780.28	

08/01/2023-08/31/2023

Pool Name	Beginning Balance	Total Deposit	Total Withdrawal	Total Interest	Current Balance	Average balance
TexPool	$98,672.35	$0.00	$0.00	$444.55	$99,116.90	$98,686.69
TexPool Prime	$1,626,107.93	$0.00	-$130,098.50	$7,303.98	$1,503,313.41	$1,542,584.91
Total Dollar Value	$1,724,780.28	$0.00	-$130,098.50	$7,748.53	$1,602,430.31	

09/01/2023-09/30/2023

Pool Name	Beginning Balance	Total Deposit	Total Withdrawal	Total Interest	Current Balance	Average balance
TexPool	$99,116.90	$0.00	$0.00	$433.54	$99,550.44	$99,145.80
TexPool Prime	$1,503,313.41	$0.00	$0.00	$6,859.10	$1,510,172.51	$1,503,770.68
Total Dollar Value	$1,602,430.31	$0.00	$0.00	$7,292.64	$1,609,722.95	

Account Totals

Pool Name	Beginning Balance	Total Deposit	Total Withdrawal	Total Interest	Current Balance
TexPool	$98,244.85	$0.00	$0.00	$1,305.59	$99,550.44
TexPool Prime	$1,760,946.72	$0.00	-$272,656.25	$21,882.04	$1,510,172.51
Total Dollar Value	$1,859,191.57	$0.00	-$272,656.25	$23,187.63	$1,609,722.95

Grand Totals

Pool Name	Beginning Balance	Total Deposit	Total Withdrawal	Total Interest	Current Balance
TexPool	$662,692.01	$0.00	-$241,526.89	$8,359.57	$429,524.69
TexPool Prime	$1,927,126.19	$0.00	-$272,656.25	$24,192.50	$1,678,662.44
Total Dollar Value	$2,589,818.20	$0.00	-$514,183.14	$32,552.07	$2,108,187.13

Exempt Registration List for October 2023 Board Meeting

Application Date	Pump Capacity	Primary Use	Well Address	Owner Last Name	District Id	Driller Company	County
09/07/2023	17	Multi-Family	FM 2481, Stephenville, TX 76401	Hammon	29807	Shpuetz Drilling LLC	Erath
09/18/2023	15	Domestic	600 Wrights Ave, Comanche, TX 76442	Brooks	30028	Simmons Water Well Service	Comanche
09/14/2023	17	Domestic	CR 180, Stephenville, TX 76401	Mills	30632	Associated Well Services	Erath
08/28/2023	16	Domestic	6647 S FM 56, Glen Rose, TX 76043	Mitchell	30686	Pollock Drilling Company	Bosque
09/01/2023	12	Domestic	10505 CR 254, Dublin, TX 76446	Barber	30688	Associated Well Services	Erath
09/01/2023	5	Livestock Watering	18430 FM 205, Bluff Dale, TX 76433	Taylor	30689	Associated Well Services	Erath
09/01/2023	17	Domestic	9879 FM 3025, Stephenville, TX 76401	Lukas	30690	Associated Well Services	Erath
09/01/2023	12	Livestock Watering	CR 555, Dublin, TX 76446	Goodrick	30691	Associated Well Services	Erath
09/05/2023	7	Domestic	409 Skyline Circle, Gatesville, TX 76528	Christiansen	30692	Lucy Creek Water Well	Coryell
09/05/2023	10	Domestic	1196 CR 151, Bluff Dale, TX 76433	Watson	30693	Associated Well Services	Erath
09/05/2023	11	Domestic	434 CR 315, Oglesby, TX 76561	Wright	30694	GAP Drilling & Service	Coryell
09/01/2023	6	Livestock Watering	32257 FM 2481, Hico, TX 76457	Reeves	30697	Associated Well Services	Erath
09/07/2023	17	Domestic	5064 CR 180, Stephenville, TX 76401	Dean	30701	Riley Drilling	Erath
09/07/2023	17	Domestic	22224 FM 205, Bluff Dale, TX 76433	Whiteley	30702	Shpuetz Drilling LLC	Erath
09/07/2023	16	Domestic	5370 CR 156, Bluff Dale, TX 76433	Thompson	30703	Associated Well Services	Erath
09/08/2023	12	Livestock Watering	5500 Bald Knob Rd, Gatesville, TX, 76528	Graham	30704	Lovelace Water Well Drilling	Coryell
09/08/2023	16	Domestic	659 CR 132, Gatesville, TX 76528	Ferris	30705	Lovelace Water Well Drilling	Coryell
09/14/2023	0	Test Hole, Not Equipped	2370 River Hills Rd, Stephenville, TX 76401	Pinkston	30707	Dowell Well Service	Erath
09/18/2023	15	Domestic	905 Gracelynn Ct, Legends of Buffalo Ridge Ranch 38, Stephenville, TX 76401	Irwin	30709	Dowell Well Service	Erath
09/08/2023	16	Domestic	822 CR 1304, Morgan, TX 76671	Cooper	30710	Pollock Drilling Company	Bosque
09/18/2023	15	Domestic	4410 FM 3025, CR 541, Stephenville, TX 76401	Bryan	30711	Dowell Well Service	Erath
09/19/2023	15	Domestic	783 CR 419, Comanche, TX 76442	Deal	30712	Simmons Water Well Service	Comanche
09/19/2023	10	Livestock Watering	6503 CR 203, Hico, TX 76457	Scripps	30713	Associated Well Services	Erath
09/19/2023	10	Domestic	N Hwy 108, Stephenville, TX 76401	Fanning	30714	Associated Well Services	Erath
09/19/2023	15	Livestock Watering	PR 4101, CR 4101, Meridian, TX 76665	S & F Properties, LLC	30715	Associated Well Services	Bosque
09/20/2023	15	Domestic	30840 N Hwy 108, Mingus, TX 76463	Miller	30717	Burke Lyons Water Well	Erath
09/22/2023	10	Domestic	CR 2155, Iredell, TX 76649	Gilmore	30722	McPherson Drilling Company	Bosque
8/28/2023	9	Replacement	1370 CR 2365, Meridian, TX 76665	CTG Ranches	1142	GAP Drilling & Service	Bosque
8/29/2023	15	Replacement	1144 Hwy 589, Sidney, TX 76474	Countryman	22914	Simmons Water Well Service	Comanche
8/30/2023	10	Replacement	CR 115, Sidney, TX 76474	Taylor	14478	Simmons Water Well Service	Comanche
9/6/2023	10	Replacement	341 CR 145, Blanket, TX 76432	Reed	7844	Simmons Water Well Service	Comanche

Field Tech Report
October 23: Monthly Board Meeting

1. Wells Plugged: 2 Total

Bentonite: 439 bags

Cement: 3 bags

Total Material Est. Cost: $3,860

2-Erath

2. Water Quality Tests: 6 Tests completed

4-Erath

2-Coryell

1- Erath and 2-Coryell County tells high in Salinity

3. Water Levels:

Erath County wells have been monitored.

*Not Measured M-211, M-213

Comanche County wells to be monitored this month

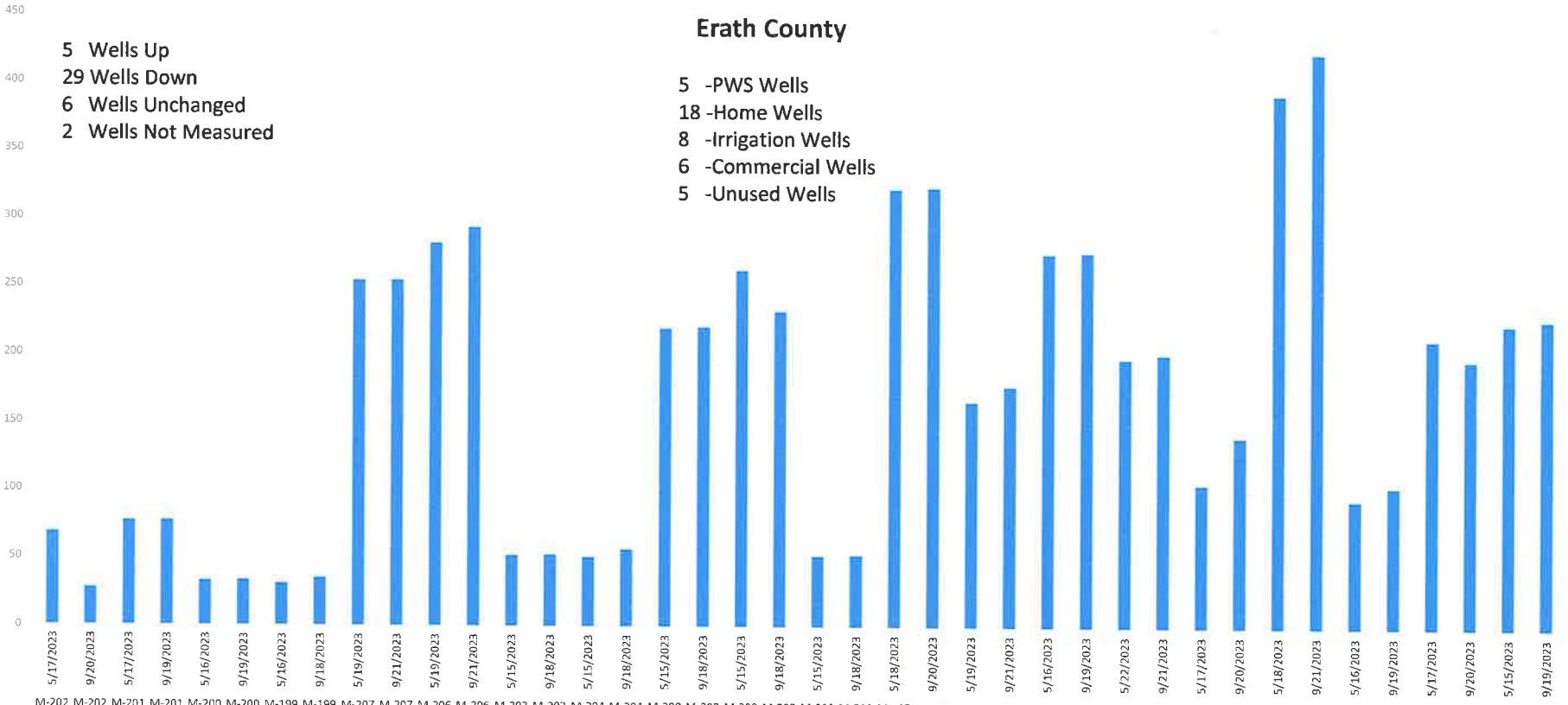
5. Metering -Erath

Borges	+2,431,000gal
Headge#1	N/W
Headge#2	N/W
Headge#3	+7,884,970gal
Headge#4	N/W
Kuiper-N	+17,901,336gal
Kuiper-S	+17,001,839gal
Kuiper#1	+19,705,500gal
Kuiper#2	N/W
Kuiper#3	N/W
Kuiper#4	N/W
Kuiper#5	+9,696,895gal
Kuiper#6	+27,246,357gal
Justin Farms	+10,392,204gal
Schouten#1	N/W
Schouten#2	N/W
Schouten#3	N/W
Schouten#4	N/W
Mtn Lakes	+12,815,576gal
Mayfield	+15,696,240gal
Bluffdale WSC	+1,169,300gal
Schreiber	+58,782gal
Stephenville L-7	+1,237,900gal
Stephenville G-12	+1,646,800gal

Erath County

5 Wells Up
29 Wells Down
6 Wells Unchanged
2 Wells Not Measured

5 -PWS Wells
18 -Home Wells
8 -Irrigation Wells
6 -Commercial Wells
5 -Unused Wells



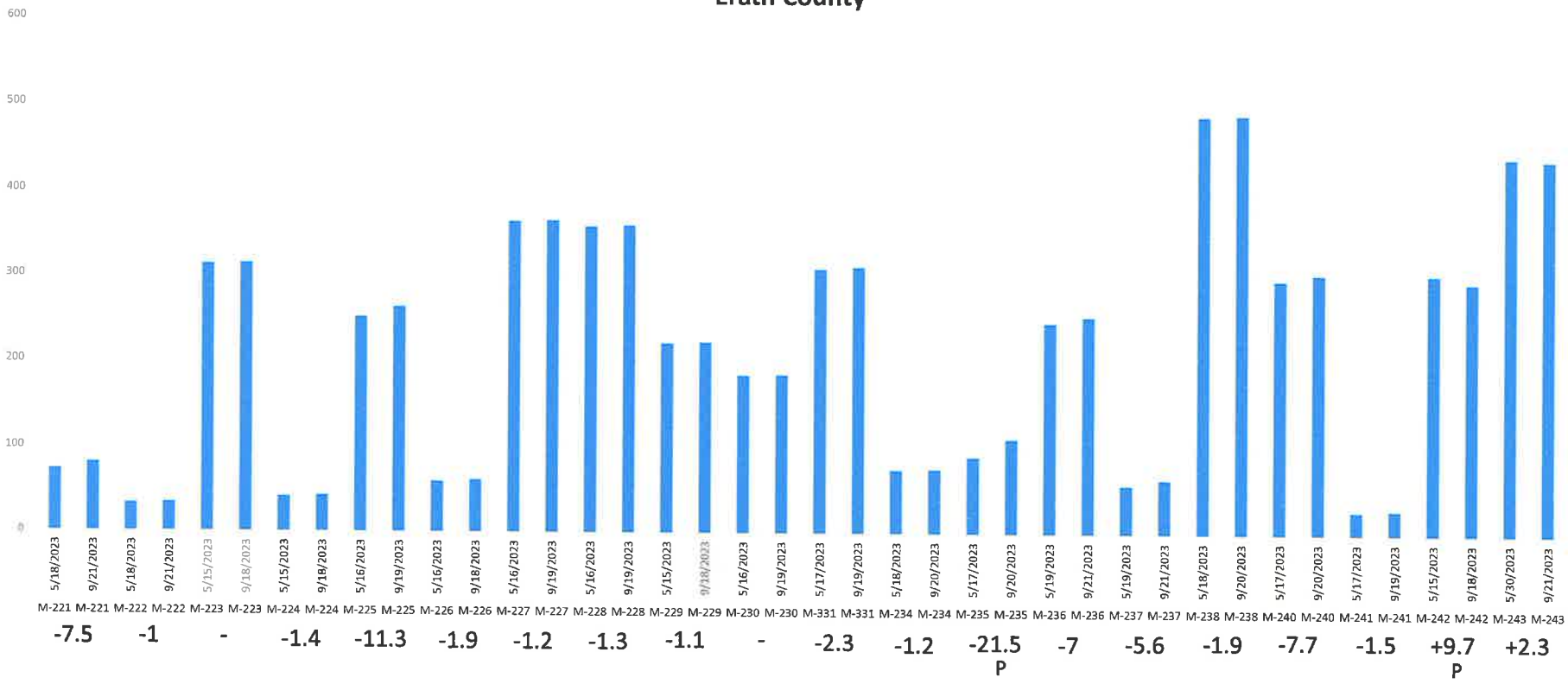
GAINS

M-202	+41	Home/Livestock	*Pumping 5/23
M-209	+30	Home Well	Pump Pulled
M-242	+9.7	Irrigation Well	*Pumping 5/23-9/23

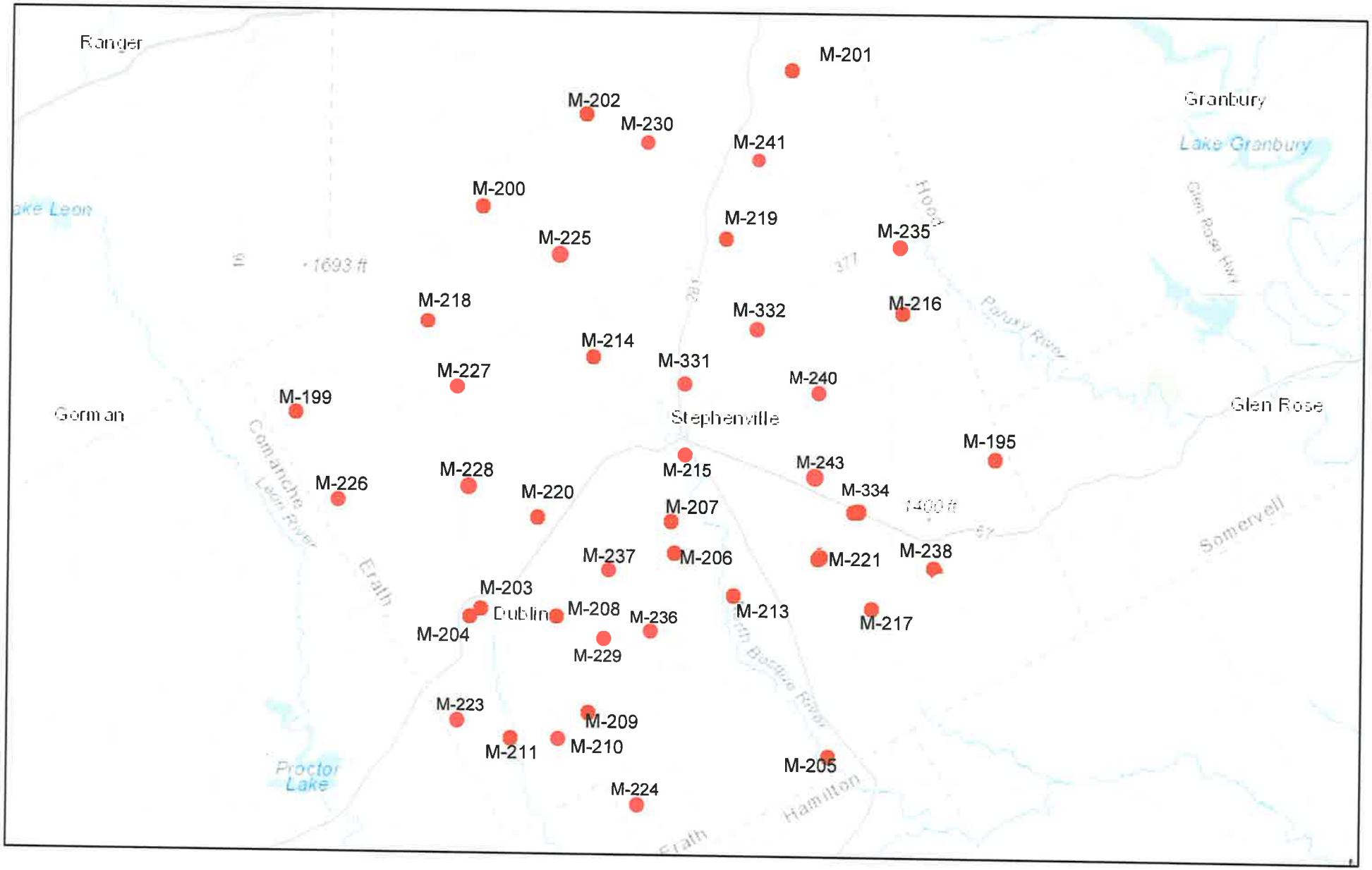
LOSSES

M-216	-35.2	Mtn Lakes	*Pumping 9/23
M-217	-30.6	Home Wells	*Pumping 9/23
M-235	-21.5	Bluffdale WSC	*Pumping 9/23

Erath County



Erath County



M-195 Porter
M-199 Mahan
M-200 Campos
M-201 Tipton
M-202 Kimzey
M-203 Felts
M-204 Walker
M-205 Duncan

M-206 City of Stephenville
M-207 Miller
M-208 Cottnwood Church
M-209 West
M-210 Purves Church
M-211 Hall
M-213 Fair
M-214 George

M-215 TWDB
M-216 Mountain Lakes
M-217 Parker
M-218 Leatherwood
M-219 Morgan Mill WSC
M-220 Mayfield
M-221 Schouten #2
M-222 Moncrief

M-223 Jones
M-224 Russell
M-225 Huckabay VFD
M-226 Keith
M-227 Lingleville VFD
M-228 Neal
M-229 Dublin Sale Barn
M-230 Blackwell

M-231 TAMU Agrilife
M-232 Griffin
M-234 Headge
M-235 Bluffdale WSC
M-236 City of Stephenville
M-237 Harbin VFD
M-238 Kuiper

M-240 Ellibee
M-241 Molenaar
M-242 Justin Farms
M-243 City of Stephenville

Nix Wells Completion Report
536 Wellfield
Stephenville, Texas

Prepared for

City of Stephenville, Texas through
Provenance Engineering

Prepared by

DBS&A
a Geo-Logic Company

Texas Registered Engineering Firm F-286
Texas Registered Geoscience Firm No. 50045
12303 Technology Boulevard, Suite 930D
Austin, Texas 78727
www.dbstephens.com
DB21.1413

September 7, 2023

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1. Introduction

Provenance Engineering (PE), under contract with the City of Stephenville (the City), subcontracted Daniel B. Stephens & Associates, Inc. (DBS&A) to provide engineering design and hydrogeological support, provide technical guidance for permitting, and oversee the drilling, construction, and testing of five water supply wells for, and within, the City of Stephenville, Texas. The five water supply wells are identified as Nix #1 through Nix #5, and they are strategically distributed throughout the 536 Wellfield to minimize well interference. The 536 Wellfield is located approximately 6 miles southeast of the center of Stephenville along U.S. Highway 67 (US 67) (Figure 1). DBS&A's roles in the project included the following:

- Provided detailed engineering design of each supply well, prepared construction drawings, and assisted with pump selection in conjunction with PE
- Provided technical guidance for the acquisition of well installation permits
- Provided on-site observation of field activities during construction and aquifer testing of each supply well

This water well installation report has been prepared by DBS&A to document the field activities associated with the installation of supply wells Nix #1 through Nix #5. DBS&A was on-site for day shifts during construction and aquifer testing of the first two wells, Nix #1 and Nix #5, and had a limited presence during construction of the other three wells.

Well permits issued by the Texas Commission on Environmental Quality (TCEQ) and the Middle Trinity Groundwater Conservation District (MTGCD) are provided in Appendix A. MTGCD approved the operating permit at its August 4, 2022 board meeting. TCEQ approved construction of the wells in a letter dated September 8, 2022.

The City contracted HydroResources (Hydro) to conduct drilling, well installation, and testing services. Hydro mobilized drilling and support equipment to the 536 Wellfield beginning November 28, 2022. Hydro subcontracted Butch's for installation of surface conductor casing materials, which occurred from November 30 to December 3, 2022. Hydro initiated drilling activities for the first well on December 6, 2022, and well testing was completed on the last well on March 27, 2023. A substantial completion walkthrough was held on April 27, 2023. A punchlist was developed following that meeting that included well pad rehabilitation, concrete surface completion rehabilitation, a new concrete surface completion for Nix #2, additional well

cleaning for Nix #5, and other project closeout items. The punchlist was considered complete on August 21, 2023.

The Nix wells are constructed of 10-inch-diameter (nominal) high strength low alloy (HSLA) steel casing and wire-wrap stainless steel screen to total well depths between 550 and 580 feet below ground surface (bgs). Well construction is summarized in Table 1. The screen sections span two sandstones: the Hensell and Hosston Members of the Twin Mountain Formation, which hosts the Trinity Aquifer System (Nordstrom, 1987).

2. Overview of Hydrogeology

Wells Nix #1 through Nix #5 are located within the 536 Wellfield, approximately 6 miles southeast of the center of Stephenville, Texas along US 67 (Figure 1). Geologic outcrops in the vicinity of the 536 Wellfield consist of the lower-Cretaceous aged Walnut Formation. These outcrops are scoured by drainage channels, locally exposing the underlying lower-Cretaceous aged Paluxy and Glen Rose Formations (BEG, 1972).

An overview of site geology and hydrogeology for the 536-acre tract is provided in DBS&A (2018 and 2019). The Cretaceous Walnut Formation, composed of interbedded limestone and claystone, outcrops at the site. Fossils were observed at the ground surface during the exploratory drilling program (DBS&A, 2019). The Paluxy Formation underlies the Walnut Formation, and consists of interbedded fine- and very fine-grained sandstone and claystone. The top of the Paluxy Formation is approximately 80 to 130 feet bgs at the site. The Glen Rose Formation underlies the Paluxy Formation and is composed of alternating limestone and claystone. The top of the Glen Rose Formation is approximately 190 feet bgs.

The Twin Mountains Formation underlies the Glen Rose Formation, and is composed of three members referred to as the Hensell unit (or Upper or First Trinity Sand), the middle Pearsall unit, and the Hosston unit (or Lower or Second Trinity Sand) (Nordstrom, 1987). The middle Pearsall unit is not water-yielding to wells. The top of the upper Hensell unit is 365 to 415 feet bgs and the top of the Hosston unit is 450 to 530 feet bgs. Permian age sediments underlie the Hosston unit and yield noticeable reddish-brown hard cuttings of limestone, sandstone, and sandy shale when penetrated while drilling. The upper Trinity (Hensell) yields small to moderate quantities of water to wells, and the lower Trinity (Hosston) yields moderate to large quantities of water to wells (Nordstrom, 1987; DBS&A, 2018 and 2019).

Nix #1 through Nix #5 are screened within the Hensell and Hosston units. The Hensell unit consists of very fine- to medium-grained sandstones, and well graded conglomerates with grain sizes ranging from very fine sand to fine gravel, likely interbedded with well graded sandstones with grain sizes ranging from very fine- to very coarse-grained sand. The Hosston unit consists of predominantly very fine- to medium-grained sandstone and well graded sandstone with grain sizes ranging from very fine to very coarse sand, interbedded with mudstone, limestone, and trace shale beds.

Groundwater beneath the 536 Wellfield flows generally from west to east at an approximate gradient of 0.004 foot per foot (DBS&A, 2019). Hydro and its subcontractors measured water levels in the new water supply wells at various times in the construction process, such as drilling, aquifer testing, and video logging. DBS&A normalized that water level data to feet bgs, and then used data from March 2023 to construct a groundwater elevation map (Figure 2). Data collection was limited to the Nix wells, so contours from DBS&A (2019) were used to guide construction of the new map. Additional data should be collected during installation of permanent pumping equipment, as well as ongoing operation of the 536 Wellfield, to assess changes in water levels over time.

3. Methods

This section describes the methods associated with each stage in the drilling, installation, development, and testing of Nix #1 through Nix #5.

3.1 Well Drilling

Drilling and well construction operations were performed by Hydro. Drilling was conducted using a Challenger 280 mud-rotary drill rig. Water for drilling operations was obtained from the City. Drill cuttings were collected at 10-foot intervals and described by a DBS&A geologist. Lithologic logs for Nix #1 through Nix #5 are provided in Appendix B. Selected photographs taken during the field activities are provided in Appendix C. A chronology of field activities is provided in Table 2. Hydro's shift reports are provided in Appendix D. DBS&A's daily reports are provided in Appendix E.

Prior to drilling production pilot boreholes, 30-inch-diameter boreholes were advanced to a depth of 50 feet bgs by Butch's, and 24-inch-diameter, low carbon steel surface conductor casings were set in each of five supply well locations and cemented in place. An 11-inch-

diameter drill bit was used to advance each production pilot borehole from 50 feet bgs to the total depth of each borehole: 590 feet bgs (Nix #1), 580 feet bgs (Nix #2), 580 feet bgs (Nix #3), 560 feet bgs (Nix #4), and 580 feet bgs (Nix #5). After reaching total depth in each pilot borehole, Hydro subcontractor Geo Cam Inc. (Geo Cam) of San Antonio, Texas ran geophysical logs, as described in Section 3.2 (Appendix F).

Drilling was accomplished with rotary auger methods for the surface casing and a mud-rotary method to total depth. All downhole additives used are compliant and certified under Standard 60 established by National Science Foundation International and American National Standards Institute (NSF/ANSI Standard 60). Additives used in drilling and well development are listed in Table 3. Construction of Nix #1 through #5 is described in Section 3.3.

3.2 Borehole Geophysical Logging

Borehole geophysical logging provides information on the physical characteristics of the rocks and sediments the borehole has encountered, including lithology, particle size, unit thickness, depth to water, and water-bearing capacity. This information is used in conjunction with the lithologic log derived from analysis of the rock cuttings to better understand the geology at the drilling location and properly design the well. Upon completion of each pilot borehole, Geo Cam ran geophysical logs in Nix #1 through Nix #5, including the following:

- Electrical resistivity, natural gamma ray, caliper, spontaneous potential, full wave sonic, and fluid temperature conductivity (FTC)
- Cement bond log
- Borehole deviation (closure, bulls-eye, and cylindrical)

Copies of all geophysical logs are provided in Appendix F. Analysis of the geophysical logs is provided in Section 4.1.

3.3 Well Construction

Nix #1 through Nix #5 were designed to intersect groundwater in the Hensell and Hosston units (Trinity aquifer), and were drilled as discussed in Section 3.1. Surface conductor casing was set to 50 feet bgs to facilitate drilling into the Hensell unit at depths ranging from 410 to 480 feet bgs and into the Hosston unit at depths ranging from 480 to 570 feet bgs. After geophysical logging was complete, proposed well designs were verified and Nix #1 through Nix #5 were installed. Table 1 describes the well completion details in Nix #1 through Nix #5.

Annulus materials including gravel packs, fine sand filter packs, and bentonite seals were installed in each well using a tremie pipe positioned at the bottom of the desired installation depth within the annulus using water circulation as a transport mechanism. Tremie pipes were backed step-wise out of the annulus as void space was taken up by the annulus materials. Cement-bentonite grout was installed with a tremie pipe placed near the top of the upper bentonite seal, and pumped in from the bottom up using a truck-mounted cement pump. After the cement-bentonite grout was installed in each well, a minimum of 48 hours of cure time was allowed prior to well development.

3.4 Well Development

Development of Nix #1 through #5 was conducted in phases throughout the project duration. After well construction was complete on each supply well, Hydro performed well development by fresh water circulation, swabbing, and air lifting. While swabbing, Hydro introduced the phosphate-free dispersant polymer Nu-Well 220. Hydro then used air lift development to remove suspended sediment and dispersant from each well for 1 hour per 10 feet of screen in each well. This initial round of development failed to remove all suspended sediment from each well, and bailing was deemed necessary by Hydro. Hydro then performed bailing development using a 40-foot steel bailer for up to 50 hours on each well, which successfully removed the majority of suspended sediment.

All water generated as part of well development was allowed to run onto the ground at a location designated by the City away from the well pad.

3.5 Well Disinfection

Upon completion of initial well development by swabbing, airlifting, and bailing, Hydro used a chlorine basket to add calcium hypochlorite pellets into each well. Hydro then swabbed in the disinfectant for 5 hours with the 40-foot steel bailer used in well development. After allowing the well to rest for approximately 24 hours, Hydro bailed out the disinfectant for 4 hours prior to running in the test pump. Wells will be disinfected again following installation of permanent pumping equipment.

3.6 Pumping Development

After the temporary submersible pump was installed in each well, Hydro began pumping development. The submersible pump was powered with a portable generator directly wired to

the pump. A digital flow meter and sampling port were connected to the discharge line. Flow rates were controlled using an isolation valve installed downstream of the flow meter. Fluid levels were monitored using a pressure transducer, and were confirmed using an electronic water level meter. Lay-flat hose was laid out so that pump discharge was conveyed to a location designated by the City away from the well pad.

Hydro began pumping each well at a rate of 110 gallons per minute (gpm) to clear any remaining sediment from the well, and increased the pumping rate as directed by DBS&A up to a rate of 250 gpm. Static water levels were measured prior to pumping. Hydro monitored water flow rates and water levels and reported those values to DBS&A in real time. DBS&A evaluated specific capacity throughout pumping development to assess well efficiency and to ensure compliance with the well specification. Hydro continued pumping development for approximately 12 hours and then shut off the pump. When the static water level returned to approximately 95 percent of initial conditions, Hydro began aquifer testing.

3.7 Aquifer Testing

Following well development, each of the wells was tested to determine well performance and aquifer properties using procedures outlined in the *Handbook of Ground Water Development* (Roscoe Moss Company, 1990) and *Groundwater and Wells* (Driscoll, 1986). Two types of aquifer tests were performed: a step-drawdown test and a 36-hour constant rate pumping test. After pumping was stopped, water levels were allowed to recover. Prior to the pumping tests, the well was equipped with a pressure transducer to measure water levels during both drawdown and recovery. Initial water levels are presented in Table 4. For each well, the aquifer test data were used to calculate specific capacity and aquifer transmissivity, which is a measure of permeability (Tables 5 and 6). The calculations were used to predict future pumping levels in 10 years and 20 years (Table 7). Plots of the drawdown and recovery data for all well tests and analyses are provided in Appendix G.

3.7.1 Step-Drawdown Test

The purpose of a step-drawdown test is to determine well efficiency and select an appropriate pumping rate and pump setting for both the constant rate pumping test and long-term production from the well. The step-drawdown test entailed pumping the well a minimum of five progressively higher discharge rates for a time period sufficient for the drawdown rate to become approximately constant at each step while monitoring drawdown levels in the pumping well. Table 5 details each step of the step-drawdown test. The results of the step-drawdown

test are discussed in Section 4.2. Plots of the drawdown and discharge data are provided in Appendix G. After completion of the step-drawdown test, each well was allowed to recover to approximately 95 percent of the initial static water level prior to beginning the constant rate test.

3.7.2 Constant Rate Test

A constant rate test is conducted to determine values for aquifer properties (transmissivity and hydraulic conductivity), to identify potential hydrologic boundaries within the zone of influence of the pumping well, and to demonstrate the well's sustainable production level. Based on the results of the step-drawdown test, DBS&A selected the following production rates for the duration of the 36-hour constant rate test:

- Nix #1: 205 gpm
- Nix #2: 200 gpm
- Nix #3: 215 gpm
- Nix #4: 180 gpm
- Nix #5: 210 gpm

The results of the constant rate test are discussed in Section 4.2.

3.8 Water Quality Sampling

Water samples were collected throughout the aquifer testing process. A total of three samples were collected over three consecutive days for microbial analysis. Water samples were submitted to SKG Engineering LLC (SKG) in San Angelo, Texas for analysis of chlorine, total coliform bacteria, and *Escherichia coli* (E. coli). Another set of samples was collected shortly after the conclusion of the constant rate test (generally delayed slightly to meet laboratory holding times). These samples were submitted to SKG for analysis of general water quality in accordance with the TCEQ Public Well Completion Data Checklist. The results of the laboratory analyses are summarized in Table 8 and discussed in Section 4.3.

3.9 Video Logging

As a final quality assurance measure, Geo Cam completed a video log of each well after completion of aquifer testing and water quality sampling to confirm and document proper well

construction. Video logs were completed on March 23, June 19, and August 1, 2023. Key observations are summarized in Section 4.4.

4. Analysis

This section describes the analysis and interpretation of the geophysical logs, aquifer testing, water chemistry, and the video log inspections of Nix #1 through Nix #5.

4.1 Borehole Geophysics

The following subsections describe the geophysical logs that were run in the Nix wells. The geophysical logs are provided in Appendix F.

The natural gamma, electrical resistivity, caliper, and deviation tools are run in the open borehole of the pilot hole (Sections 4.1.1, 4.12, and 4.1.3). The cement bond log is run in the completed well (Section 4.1.4).

4.1.1 Natural Gamma and Electric Logs

Natural gamma and electrical resistivity logs are part of a typical suite of geophysical logs run in the open borehole to help identify the geology and other physical characteristics of the formation and aquifer. The logs help to provide details that can be difficult to discern from drill cuttings, such as unit thicknesses and depths of geologic contacts between formations. At the 536 Wellfield, the logging was completed in each borehole prior to well construction.

The gamma ray log and the resistivity log (commonly referred to as an e-log) were run in mud-filled boreholes. Typically, the gamma log predominantly measures the radioactive decay of naturally occurring potassium-40. The gamma ray and resistivity logs show the general lithology of the Twin Mountains Formation. Fine-grained units like clay generally exhibit higher gamma radioactivity and lower resistivity, while coarse-grained units like sandstone generally exhibit lower gamma radioactivity and higher resistivity. These logs are ideal for distinguishing between the sandstones of the Hosston and Hensell units and the clays of the Pearsall unit.

At the 536 Wellfield, the units of the Twin Mountains Formation are readily discernible. The sandstones of the Hosston and Hensell units have electrical resistivity values that average 40 to 60 ohm-meters (ohm-m), with peaks of 100 ohm-m or greater. The natural gamma is relatively low with values of 10 to 20 counts per second (cps) and peaks near 40 cps.

In contrast, the Pearsall unit, which is predominantly composed of red clay, has greater gamma and lower resistivity values. The electrical resistivity values range from 10 to 20 ohm-m, and the gamma ranges from 50 to 70 cps with peaks over 80 cps.

The lower contact of the Hosston unit with the Paleozoic rocks is evident on the logs due to the elevated gamma response that is typically 100 cps or greater (Appendix F).

Some of the sandstones exhibit a fining-upwards sequence with a gradational decrease in resistivity and increase in gamma responses. Interbedded clay beds are also present in some of the sandstone units; they are about 2 to 4 feet in thickness and show an increase in gamma values and a decrease in resistivity values.

4.1.2 Caliper Log

The caliper log is run in the open borehole to measure the diameter of the hole. The log helps to identify washouts or narrow portions of the borehole. At the 536 Wellfield, the caliper logs indicate that all of the holes are at the gauge diameter of 11 inches, which was the size of the pilot hole drill bit. Some washouts or enlarged portion of the borehole occurred mostly in clay units within 150 feet of ground surface (Appendix F). No swelling clays that would cause the borehole to be below gauge diameter were detected.

4.1.3 Borehole Deviation Log

Drill holes commonly deviate (or drift) from vertical, and the degree of deviation can affect proper completion, testing, and/or use of the well. Subsurface conditions that can lead to borehole deviation include fractures, bedding planes, and voids. The driller can minimize borehole drift by paying attention to drilling conditions and adjusting factors under his control, such as penetration rate and bit pressure. The borehole deviation tool measures the inclination and azimuth of the borehole, which are used to calculate the deviation.

Few boreholes are truly plumbed and aligned, so a 10-inch casing is allowed about 0.6 foot per 100 feet of depth. For example, a 575-foot borehole would be allowed about 3.5 feet of drift. This tolerance is designed with line shaft turbine pumps in mind. Submersible pumps do not require the same level of tolerance.

At the 536 Wellfield, the deviation tool was run in the reamed borehole and the deviation varies from about 1 to 3 feet (Appendix F). These wells meet the deviation criteria for the use of submersible pumps.

4.1.4 Cement Bond Log

TCEQ requires that a cement bond log be run in water supply wells following construction. The cement bond log is an acoustic log that helps evaluate the integrity of the cement seal between the casing and formation and is run inside the well casing. The cement is intended to seal the annular space and prevent interaquifer communication, so the cement seal at and just above the water-bearing zones is the most important.

After the cement is placed in the annular space of the well, the cement is allowed to set and cure for a minimum of 48 hours to develop strength and bond to the casing and formation. Additional time can be allotted for cement to cure; however, this typically results in additional standby cost for the drilling contractor. Cement bond logs display a bond index that is considered a "good" seal if the index is greater than 80 percent.

At the 536 Wellfield, the cement bond index values indicate a good to adequate seal at and just above the water-bearing zones. The first cement bond log in the 536 Wellfield was run in Nix #1 on December 15, 2022. The bond index from this first pass was rarely above 50 percent. Per the City's request, Hydro ran an additional cement bond log in Nix #1 on February 23, 2023. Bond index from this second pass was generally above 80 percent below a depth of approximately 180 feet bgs (Appendix F). Cement bond logs in the other Nix wells only required one pass.

4.2 Aquifer Testing

Data collected during aquifer testing were used to evaluate well performance and aquifer characteristics.

4.2.1 Step-Drawdown Test

The drawdown data collected during the step-drawdown test were analyzed using procedures outlined by Roscoe Moss Company (1990) and Driscoll (1986) to assess well efficiency and specific capacity at various pumping rates. Summary tables and charts of these analyses are provided as Table 5 and in Appendix G.

Specific capacity is an important well performance measure that uses the flow rate (Q) and drawdown (s) from the static water level to the pumping level. Data are reported as gallons per minute per foot of drawdown (gpm/ft). The formula for the calculation is as follows:

$$\text{Specific capacity} = Q\ (gpm)/s\ (ft) \quad (1)$$

As shown in Table 5, the specific capacity tends to decrease as the pumping rate increases. During the step tests at the greatest flow rate of 250 gpm, the specific capacity at the Nix wells ranged from 2.2 to 3.5 gpm/ft, with the lowest values observed at Nix #4 and similar values for the other wells in the range of 3.2 to 3.5 gpm/ft.

During operation of the well field, the specific capacity is a useful measure to monitor well performance on a semiannual basis to track declines in production. Any decrease in specific capacity may indicate that the well should be evaluated for routine cleaning and rehabilitation.

4.2.2 Constant Rate Test

The drawdown and recovery data collected during the constant rate pumping test were analyzed using Cooper and Jacob (1946) equations. The pumping test water level plot is provided in Appendix G. Recovery data were evaluated as residual drawdown versus the ratio of t/t', where t is the time since pumping started and t' is the time since pumping stopped. The results of the recovery curve fit were used to determine the aquifer transmissivity (Table 6).

Specific capacity values were calculated using the drawdown measured at the end of the test (Table 6), and ranged from 2.3 to 3.6 gpm/ft. These values are similar to specific capacity values reported for the Hensell and Hosston aquifers (Nordstrom, 1987):

- Hensell aquifer: 0.7 to 6.2 gpm/ft, average 3.3 gpm/ft
- Hosston aquifer: 0.4 to 12.8 gpm/ft, average 3.5 gpm/ft

Well efficiency accounts for a deeper water level in the well during pumping compared to the water level in the aquifer near the well. The deeper pumping level is related to well and formation losses that include the development of turbulent flow, frictional losses, and damage to the formation during drilling. Well efficiency can be calculated if a piezometer is located near the pumping well, but the additional costs for installation of a deep piezometer are often beyond the project scope. Therefore, well efficiencies are calculated using a ratio of the observed to theoretical transmissivity values. For the Nix wells, calculated efficiencies ranged from 63 to 97 percent, with four of the wells having values greater than 92 percent (Table 6).

4.2.3 Well Performance

Based on the aquifer testing, the Nix wells can be put into service near or slightly above the rates tested. Suggested pumping rates are as follows:

- Nix #1: 175 gpm

- Nix #2: 250 gpm
- Nix #3: 250 gpm
- Nix #4: 180 gpm
- Nix #5: 180 gpm

4.2.4 Predicted Pumping Levels

The Theis nonequilibrium equation is used to predict water level drawdown in the aquifer for different times at a given flow rate (Theis, 1935). The Theis equation is as follows:

$$s = \frac{114\,Q\,W(u)}{T} \quad (2)$$

where s = Drawdown (feet)
Q = Flow (gpm)
W(u) = Well function of u
T = Transmissivity (gallons per day per foot [gpd/ft])

The Theis equation was used to predict drawdown over the next 20 years at each well (Table 7 and Figures 3 through 7). The calculations use transmissivity values calculated for each well and regional drawdown to predict pumping levels. The calculated drawdown results are only for the given well and do not account for pumping at other wells.

Regional drawdown is due to groundwater pumping in the vicinity of the well field. The value used in this analysis is based on Well 31-55-504, which is completed in the Twin Mountains system and located southwest of the site near Highway 291. The Texas Water Development Board (TWDB) records water levels that are available on their website. Over the past 10 years of record, the well's hydrograph shows an average decline of 0.7 foot per year.

At the 536 Wellfield, the Hensell unit was observed to become partially dewatered near the wells as pumping levels declined towards the base of the unit, and the Hosston unit is likely to become partially dewatered as pumping continues during production. Water levels were observed to recover to the top of the Hensell unit.

4.3 Water Quality

Water samples were collected during aquifer testing on three consecutive days and submitted to SKG for analysis of chloride, total coliform bacteria, and E. coli. If microbial constituents were present, the well was disinfected again in accordance with procedures described in Section 3.5,

and additional samples were collected and submitted to the laboratory. TCEQ microbial reporting forms completed by SKG are provided in Appendix H. Passing microbial samples were reported for the following sample collection dates (Table 2):

- Nix #1: January 26 through 28, 2023
- Nix #2: April 5 through 7, 2023
- Nix #3: February 9 through 11, 2023
- Nix #4: March 1 through 3, 2023
- Nix #5: January 26 through 28, 2023

This testing is a primary indicator of "potability" of drinking water, and the results indicate that water from the Nix wells is safe for human consumption. Water will be tested again following installation of permanent pumping equipment in each well.

Water samples were submitted to SKG for laboratory analysis of general water quality in accordance with the TCEQ Public Well Completion Data Checklist. The complete laboratory reports are provided in Appendix H. Analyses included the following:

- Primary constituents with a maximum contaminant level (MCL), including nitrate, nitrite, arsenic, and fluoride
- Secondary constituents with a secondary maximum contaminant level (SCL), including aluminum, copper, iron, manganese, zinc, total dissolved solids (TDS), fluoride, sulfate, chloride, and pH
- Water quality parameters, including alkalinity, calcium, sodium, and lead
- Radionuclides with an MCL, including gross alpha, gross beta, radium-226, radium-228, and uranium

The laboratory analytical results for the water samples collected from Nix #1 through Nix #5 are summarized in Table 8. The results are compared to MCLs or SCLs established by the U.S. Environmental Protection Agency (EPA) where such levels have been established. A primary MCL is the highest concentration of a contaminant that is allowed in drinking water, and is an enforceable standard. SCLs are guidelines for contaminants that may cause cosmetic or aesthetic effects in drinking water.

The major ions in the water samples from the Nix wells are dominated by calcium and bicarbonate, contributing to an average TDS of approximately 360 milligrams per liter (mg/L).

Uranium, a naturally occurring constituent of primary concern in drinking water in Erath County, was detected in the water samples from the Nix wells at an average concentration of 0.003 mg/L, which is an order of magnitude below the MCL of 0.030 mg/L. The only constituent with results that exceed a regulatory standard was iron in Nix #1, which was reported at 2.77 mg/L. Future sampling will be used to assess whether this value is an isolated event or representative of groundwater in the formation. Lithology in the lower screen section for Nix #1 (530 to 570 feet bgs) reportedly contained gravel dominated by chert, which was different than the sandstone reported for the other four Nix wells (Appendix B).

4.4 Video Logs

The video logs of the Nix wells were run following construction of the concrete surface completion. The first set of logs was run on March 23, 2023, and excluded Nix #2 because aquifer testing was not complete. The first video in Nix #4 did not achieve total depth, as the downview camera became occluded at a depth of approximately 530 feet bgs. The first video in Nix #5 showed significant amounts of encrustation in the upper screen (starting at approximately 410 feet bgs). In response, Hydro proceeded with a cleaning program in Nix #5, which required acid treatment and brushing with a variety of downhole tools, followed by additional well development to remove sediment.

The second set of video logs was performed on June 19, 2023, and showed that Nix #5 required further cleaning. The final video log was run in Nix #5 on August 1, 2023. The water in each video was reasonably clear with good visibility, particularly in side-view mode and in the screen interval. Depths for critical well components observed in the well videos are summarized in Table 9.

The vertical wires around which the screen is wrapped appeared in like-new condition, and side views of the screen showed no damage. Welds connecting pieces of stainless steel also appeared in good condition.

5. Conclusions and Recommendations

Wells Nix #1 through Nix #5 were designed and permitted in accordance with applicable rules and regulations from MTGCD and TCEQ. The wells were constructed in accordance with the approved drawings and specifications, as confirmed using a variety of tools, such as geophysics, aquifer testing, groundwater sampling, and video logs. Assuming all wells pumping at the same

time, the combined groundwater extraction rate from the five wells is 1,035 gpm. With proper disinfection, water from the Nix wells is safe for human consumption. Water will need to be tested again following installation of permanent pumping equipment in each well, including collection of samples for microbial analysis on three consecutive days.

Based on the observed drawdown in each well and predicted pumping levels in the future, submersible pumps should be set near the bottom of each well. A shroud that covers the pump intake is also recommended because the shroud forces water to pass by the electric motor to help cool it during operations. Following installation of permanent pumping equipment, survey data should be collected for ground surface, the top of the well casing, and a measuring point on each well's gauge line. These data will provide the necessary datum for in-well level-sensing equipment (pressure transducers) and to monitor water levels over time.

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Figures

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Base image source: ESRI et al.

Figure 1

DBS&A
a Geo-Logic Company

9/6/2023 DB21.1413

CITY OF STEPHENVILLE

Project Location Map

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Explanation

- Stephenville supply well
- Nix 3 / 947 — Well designation / Approximate water level elevation (ft msl)
- Deep domestic/stock/irrigation well
- Stephenville test hole
- Static water level contour (ft msl)
- Existing waterline
- 536-acre tract

Note: * Indicates water level not used for contouring

Base image source: ESRI et al.

Figure 2

DBS&A
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9/6/2023
DB21.1413

CITY OF STEPHENVILLE

Estimated Trinity Aquifer
Static Water Level, 536 Wellfield, March 2023

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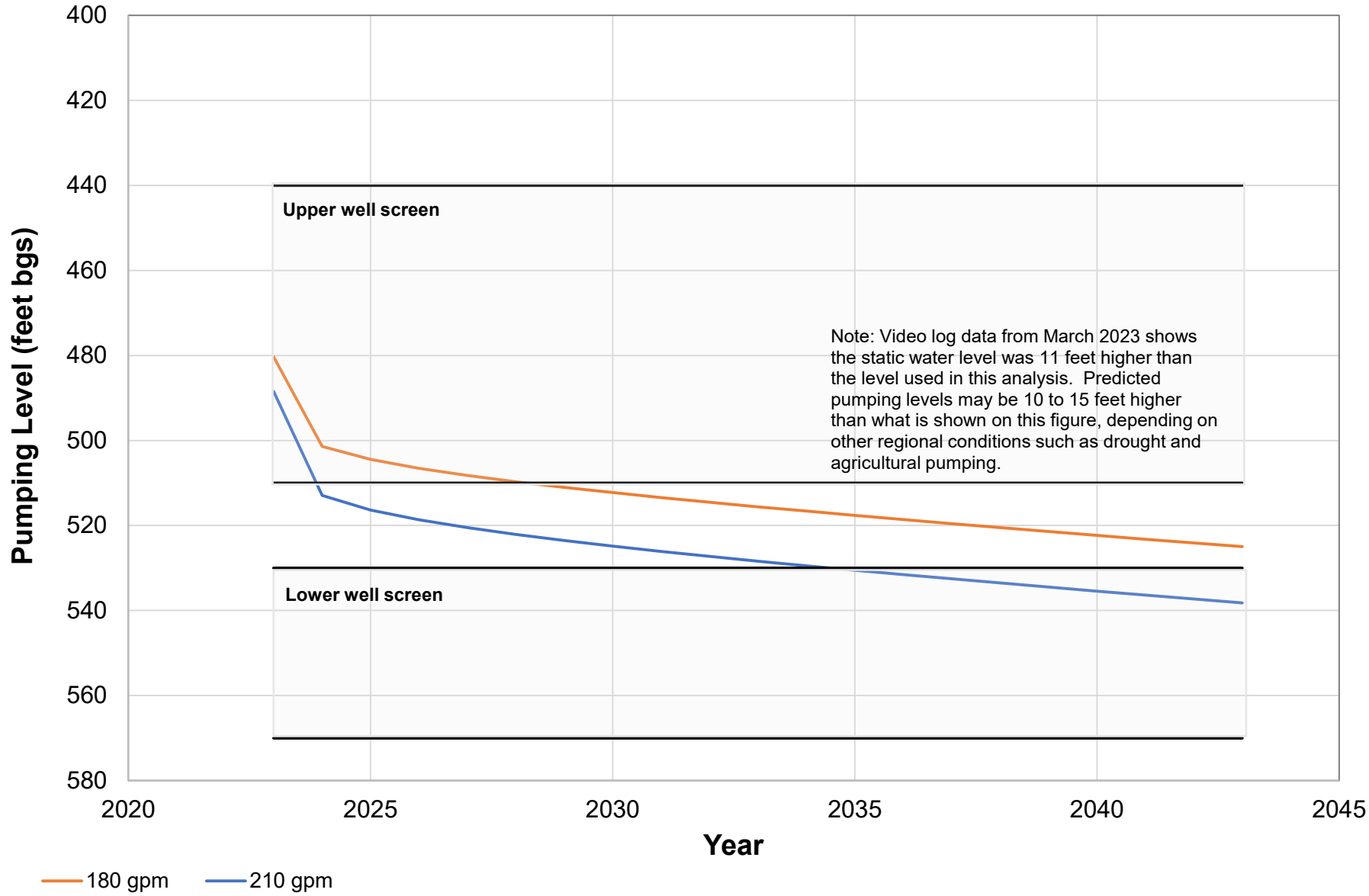

Figure 3

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CITY OF STEPHENVILLE

Predicted Pumping Levels Using Well Efficiency, Nix #1

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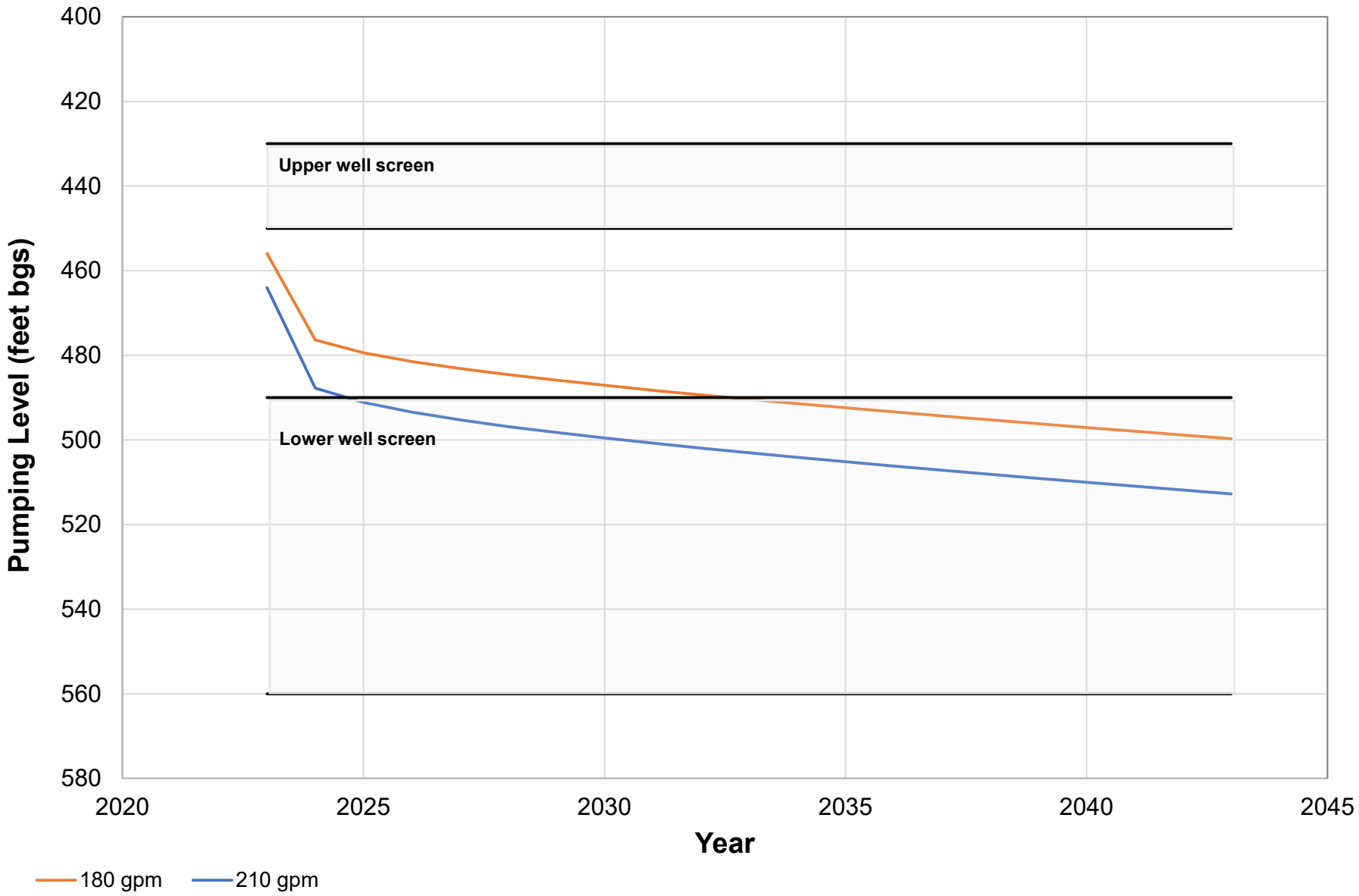

Figure 4

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CITY OF STEPHENVILLE

Predicted Pumping Levels Using Well Efficiency, Nix #2

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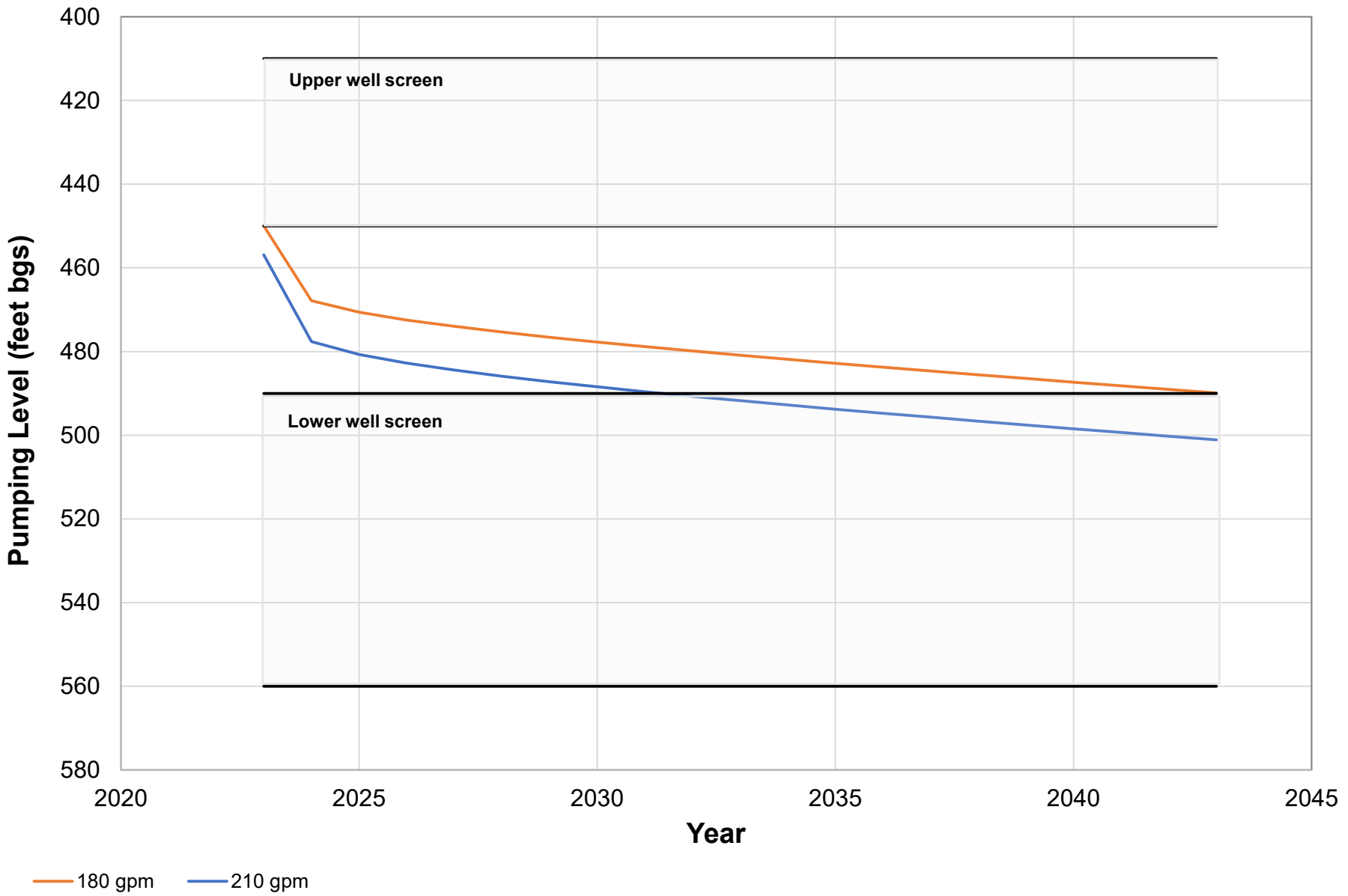

Figure 5

CITY OF STEPHENVILLE

Predicted Pumping Levels Using Well Efficiency, Nix #3

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9/7/2023 DB21.1413

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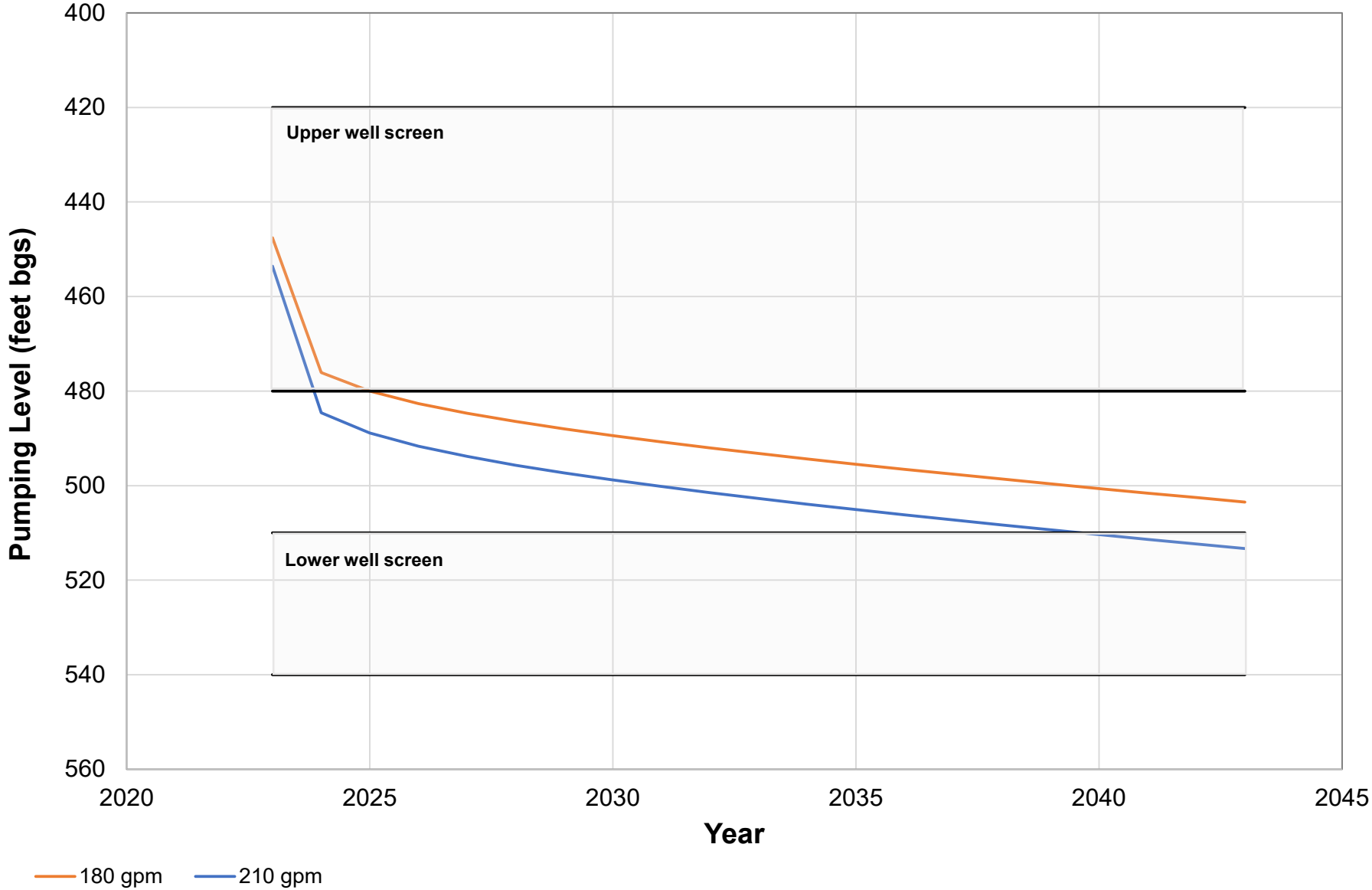

Figure 6

CITY OF STEPHENVILLE

Predicted Pumping Levels Using Well Efficiency, Nix #4

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9/7/2023 DB21.1413

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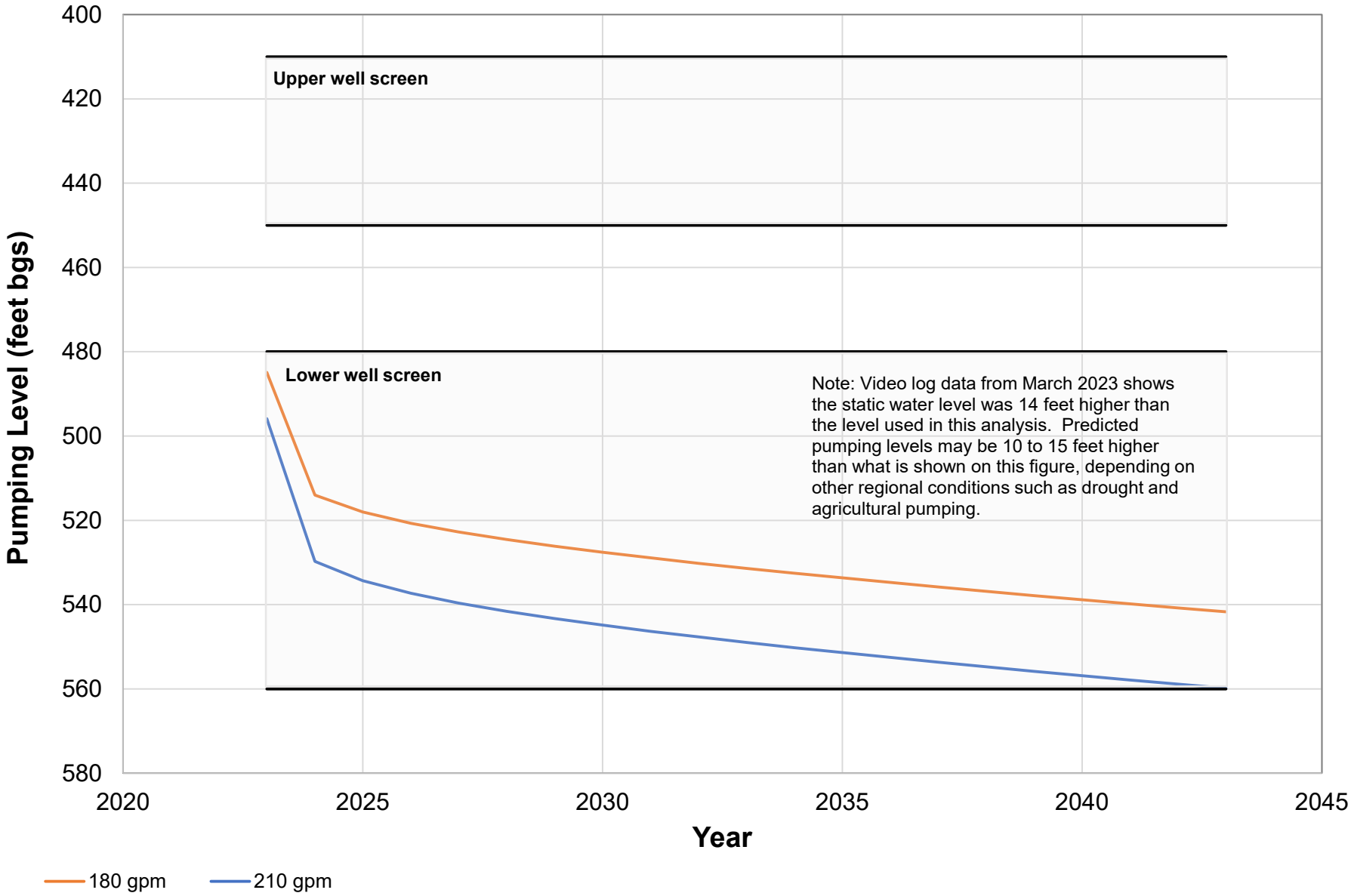

Figure 7

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CITY OF STEPHENVILLE

Predicted Pumping Levels Using Well Efficiency, Nix #5

Tables

Table 1. Well Construction Summary

Well ID	Borehole Total Depth (feet)	Sand Unit	Well Casing Total Depth (feet)	Blank Casing Interval (feet bgs)	Screen Interval (feet bgs)		Screen Aperture Size (inches)	Gravel Pack Size	Gravel Pack Interval (feet bgs)	Fine Sand Filter Pack Interval (feet bgs)	Bentonite Seal Interval (feet bgs)
					Top	Bottom					
Nix #1	590	Hensell	580	+3–440	440	510	0.030	12–20	428–590	412–428	390–412
		Hosston		510–530	530	570	0.030	—	—	—	—
Nix #2	580	Hensell	570	+3–430	430	450	0.030	12–20	420–460	400–420	380–400
		Hosston		450–490	490	560	0.030	12–20	480–580	—	460–480
Nix #3	580	Hensell	570	+3–410	410	450	0.030	12–20	402–460	382–402	360–382
		Hosston		450–490	490	560	0.030	12–20	480–580	—	460–480
Nix #4	560	Hensell	550	+3–420	420	480	0.030	12–20	411–490	390–411	370–390
		Hosston		480–510	510	540	0.030	12–20	500–560	—	490–500
Nix #5	580	Hensell	570	+3–410	410	450	0.030	12–20	400–460	380–400	360–380
		Hosston		450–480	480	560	0.030	12–20	470–580	—	460–470

bgs = Below ground surface

Table 2. Chronology of Field Activities

Activity	Nix #1	Nix #2	Nix #3	Nix #4	Nix #5
Installation of conductor casing	11/30/2022	12/1/2022	11/30/2022	12/3/2022	12/2/2022
Beginning of pilot hole	12/6/2022	2/16/2023	1/17/2023	2/6/2023	1/4/2023
Geophysical logging	12/9/2022	2/17/2023	1/19/2023	2/7/2023	1/6/2023
Installation of well casing and screen	12/11/2022	2/20/2023	1/21/2023	2/9/2023	1/8/2023
Installation of annulus materials	12/12/2022	2/21/2023	1/22/2023	2/10/2023	1/9/2023
Cement bond log	12/15/2022	2/23/2023	1/24/2023	2/12/2023	1/11/2023
Beginning of initial well development	12/16/2022	2/24/2023	1/25/2023	2/13/2023	1/13/2023
End of initial well development	12/19/2022	2/27/2023	1/27/2023	2/16/2023	1/15/2023
Pumping development	1/24/2023	3/24/2023	2/1/2023	2/20/2023	1/19/2023
Aquifer test - step test	1/25/2023	3/25/2023	2/2/2023	2/21/2023	1/20/2023
Aquifer test - constant rate test	1/26/2023	3/26/2023	2/3/2023	2/26/2023	1/21/2023
First passing microbial sample	1/26/2023	4/5/2023	2/9/2023	3/1/2023	1/26/2023
Last passing microbial sample	1/28/2023	4/7/2023	2/11/2023	3/3/2023	1/28/2023
General water quality sampling	1/30/2023	3/28/2023	2/16/2023	2/28/2023	2/16/2023

Table 3. Drilling Additives Used in Nix #1 through Nix #5

Name	Composition and Use
PAC REG	Polyanionic-cellulose (polymer) filtration-control additive for formation of a thin, resilient, low-permeability filtercake
PAC UL	Ultralow-viscosity polymer additive for formation of a thin, resilient, low-permeability filtercake
Quik-Gel	Sodium bentonite to impart viscosity, fluid loss control, and gelling characteristics
Calcium hypochlorite pellets	Bleach used for disinfection and to mitigate bacterial contamination in groundwater.
Nu-Well 220	Polymer dispersant to thin mud and remove mud and sediment from formation and gravel pack

Table 4. Water Level Measurements During Well Construction

Well	Surface Elevation (feet msl)	Date	Water Level (feet bgs)	Groundwater Elevation (feet msl)
Nix #1	1,374.0	1/26/2023	431.7	942.3
		3/23/2023	420.9	953.1
		6/19/2023	422.0	952.0
Nix #2	1,349.4	3/26/2023	407.5	941.9
		6/19/2023	410.8	938.6
Nix #3	1,357.4	2/8/2023	408.5	948.9
		3/23/2023	410.0	947.4
		6/19/2023	411.1	946.3
Nix #4	1,322.8	2/21/2023	382.5	940.3
		3/23/2023	383.2	939.6
		6/19/2023	383.9	938.9
Nix #5	1,348.1	1/20/2023	418.9	929.2
		3/23/2023	405.3	942.8
		8/1/2023	415.4	932.7

msl = Above mean sea level
bgs = Below ground surface

Table 5. Step Test Analyses

Well	Step	Duration (minutes)	Pumping Rate (gpm)	Incremental Drawdown (feet)	Total Drawdown (feet)	Specific Capacity (gpm/ft)
Nix #1	1	85	110	28.8	28.8	3.82
	2	145	125	6.5	35.3	3.54
	3	24	140	3.8	39.1	3.58
	4	95	175	11.1	50.2	3.49
	5	120	215	13.3	63.5	3.39
	6	119	250	13.6	77.1	3.24
Nix #2	1	100	110	23.9	23.9	4.60
	2	100	145	11.8	35.8	4.05
	3	100	180	13.0	48.8	3.69
	4	150	215	14.5	63.3	3.40
	5	150	250	13.5	76.8	3.26
Nix #3	1	120	110	24.3	24.3	4.53
	2	120	145	12.7	37.0	3.92
	3	120	180	11.7	48.7	3.70
	4	120	215	10.1	58.8	3.66
	5	120	250	13.1	71.9	3.48
Nix #4	1	110	110	45.8	45.8	2.40
	2	139	145	17.9	63.7	2.28
	3	120	180	17.4	81.1	2.22
	4	120	215	23.6	104.7	2.05
	5	120	250	6.8	111.5	2.24
Nix #5	1	120	110	28.4	28.4	3.88
	2	120	145	11.0	39.4	3.68
	3	120	180	11.3	50.7	3.55
	4	120	215	12.2	62.9	3.42
	5	120	250	11.41	74.3	3.37

gpm = Gallons per minute
gpm/ft = Gallons per minute per foot

Table 6. Constant Rate Test Results

Well	Date	Flow Rate, Q (gpm)	Specific Capacity, Q/s (gpm/ft)	Transmissivity		Well Efficiency (%)
				gpd/ft	ft^2/d	
Nix #1	1/26/2023	205	3.22	6,367	851	93.8
Nix #2	3/26/2023	200	3.09	9,778	1,307	63.1
Nix #3	2/3/2023	215	3.55	7,670	1,025	92.4
Nix #4	2/26/2023	180	2.34	5,002	669	93.0
Nix #5	1/21/2023	210	2.86	4,435	593	96.6

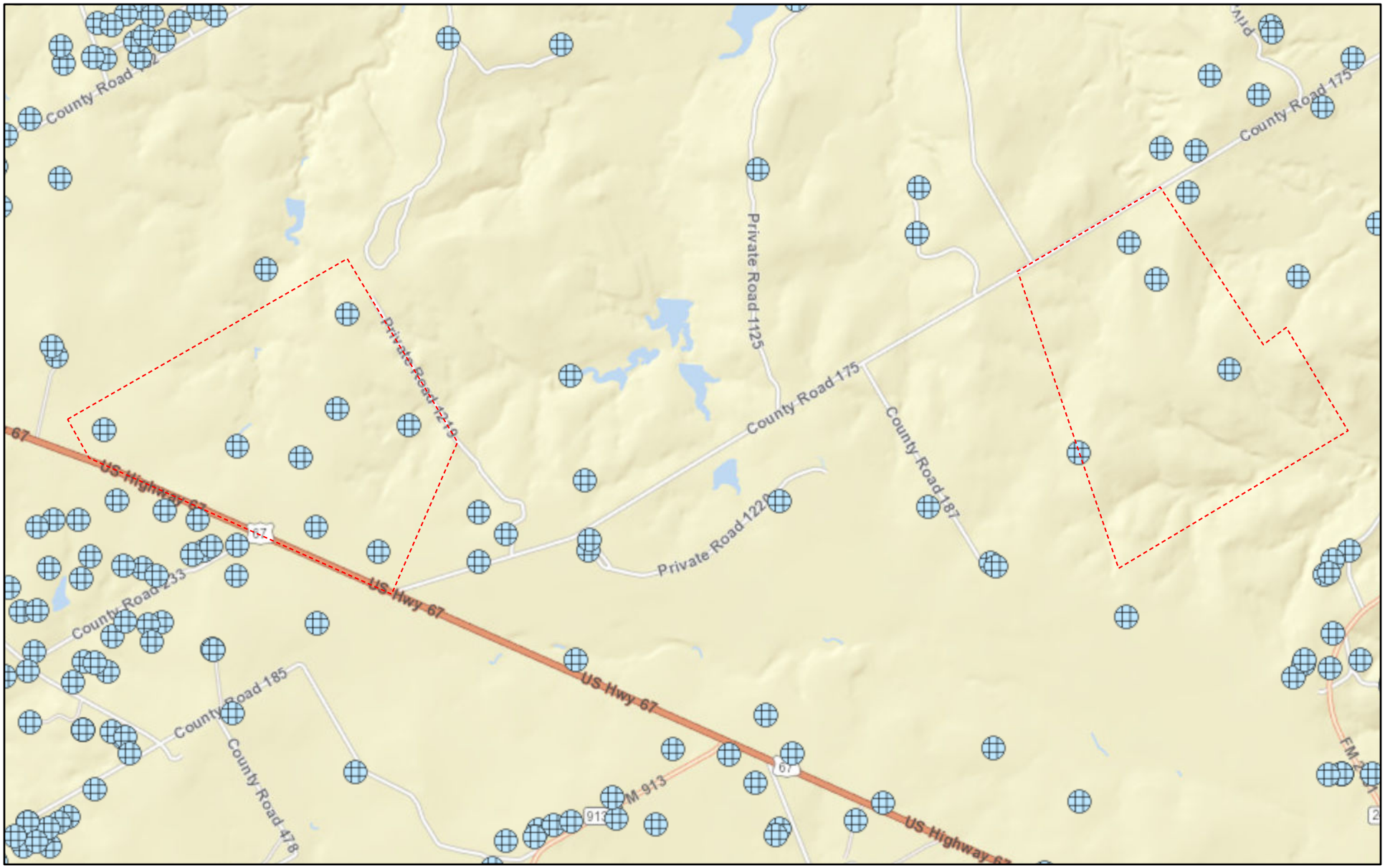
gpm = Gallons per minute
gpm/ft = Gallons per minute per foot
gpd/ft = Gallons per day per foot
ft^2/d = Square feet per day

Table 7. Predicted Pumping Levels

Well	Pumping Rate (gpm)	Time [a] (years)	Pumping Level (feet bgs)
Nix #1	180	10	516
		20	525
	210	10	528
		20	538
Nix #2	180	10	490
		20	500
	210	10	503
		20	513
Nix #3	180	10	481
		20	490
	210	10	492
		20	501
Nix #4	180	10	493
		20	504
	210	10	503
		20	513
Nix #5	180	10	531
		20	542
	210	10	549
		20	560

[a] Corresponding to 2033 (10 years) and 2043 (20 years).
gpm = Gallons per minute
bgs = Below ground surface

US 67 and CR 175 Development



October 3, 2023

User drawn lines

verifiedwells

1:36,112

0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

Esri, HERE, Garmin, INCREMENT P, NGA, USGS

MTGCD User

SECTION 12: TRANSPORT OF GROUNDWATER

RULE 12.1 GROUNDWATER TRANSPORT FEE:

No permit other than a Grandfather Permit or an Operating Permit is required to transport groundwater produced in the District for use outside of the District. However, the District may impose a reasonable fee or surcharge for transportation of groundwater out of the District in an amount not to exceed 20 cents per thousand gallons of groundwater to be transferred out of the District. Effective January 1, 2024, the maximum allowable rate the District may impose for an export fee or surcharge under this Rule increases by three percent each calendar year. An export fee or surcharge imposed, or an increase in an imposed export fee or surcharge, is not valid unless it is approved by the Board after a public hearing.

A permittee who transports groundwater for use outside of the District shall be metered in accordance with Rule 13.1, keep a monthly log of meter readings of groundwater produced and transported out of the District, and shall provide the District with a report of monthly and annual groundwater produced and transported for the previous calendar year on a form provided by the District no later than January 15 of each year.

RULE 12.2 AMENDMENT OF PERMIT:

In accordance with Rule 5.14(c), the permit under which the groundwater will be transported must be amended to reflect any change in location or type of use of the water produced.

SECTION 13: METERS AND VOLUNTARY METERING PROGRAM

RULE 13.1 METERS REQUIRED FOR CERTAIN WELLS:

(a) A meter is required for the production or transport of any groundwater for use inside or outside of the District for any activity for which a fee that is based on the amount of groundwater produced or transported is required to be calculated under these Rules. The owner of a well required to be metered under this Rule shall equip the well with a flow measurement device meeting the specifications of these Rules and shall operate the meter on the well to measure the cumulative amount of groundwater required to be measured.

(b) A mechanically driven, totalizing water meter is the only type of meter that may be installed on a well required to be metered under this Rule. The totalizer must not be resetable by the permittee and must be capable of a maximum reading greater than the maximum expected pumpage or amount transported during the permit term. Battery operated registers must have a minimum five-year life expectancy and must be permanently hermetically sealed. Battery operated registers must visibly display the expiration date of the battery. All meters must meet the requirements for registration accuracy set forth in the American Water Works Association standards for cold-water meters as those standards existed on May 11, 2004, or later.

(c) The water meter must be installed according to the manufacturer's published specifications in effect at the time of the meter installation, or the meter's accuracy must be verified by the permittee in accordance with Rule 10.5. If no specifications are published, there must be a minimum length of five pipe diameters of straight pipe upstream of the water meter and one pipe diameter of straight pipe downstream of the water meter. These lengths of straight pipe must contain no check valves, tees, gate valves, back flow preventers, blow-off valves, or any other fixture other than those flanges or welds necessary to connect the straight pipe to the meter. In addition, the pipe must be completely full of water throughout the region. All installed meters must measure only groundwater.

(d) Each meter shall be installed, operated, maintained, and repaired in accordance with the manufacturer's standards, instructions, or recommendations.

AN ACT

relating to the export fee charged for the transfer of groundwater from a groundwater conservation district.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

SECTION 1. Section 36.122, Water Code, is amended by amending Subsections (e) and (p) and adding Subsections (e-1), (e-2), and (e-3) to read as follows:

(e) Except as provided by Subsection (e-1), the [~~The~~] district may impose an export fee or surcharge using one of the following methods:

(1) a fee negotiated between the district and the exporter;

(2) for a tax-based district, a rate not to exceed 20 cents [~~the equivalent of the district's tax rate per hundred dollars of valuation~~] for each thousand gallons of water exported from the district [~~or 2.5 cents per thousand gallons of water, if the district assesses a tax rate of less than 2.5 cents per hundred dollars of valuation~~]; or

(3) for a fee-based district, a rate not to exceed the greater of 20 cents for each thousand gallons or a 50 percent surcharge, in addition to the district's production fee, for water exported from the district.

(e-1) Effective January 1, 2024, the maximum allowable rate a district may impose for an export fee or surcharge under

Subsection (e)(2) or (e)(3) increases by three percent each calendar year.

(e-2) A district governed by a special law in regard to an export fee or surcharge on water exported from the district may charge an export fee or surcharge in accordance with that special law or in accordance with Subsections (e) and (e-1).

(e-3) An export fee or surcharge imposed under Subsection (e) or an increase in an imposed export fee or surcharge is not valid unless it is approved by the board after a public hearing.

(p) Subsections [~~Subsection~~] (e), (e-1), and (e-2) do [~~does~~] not apply to a district that is collecting an export fee or surcharge on March 1, 2001.

SECTION 2. Section 36.207, Water Code, is amended to read as follows:

Sec. 36.207. USE OF FEES. (a) A district may use funds obtained from administrative, production, or export fees collected under a special law governing the district or this chapter for any purpose consistent with the district's approved management plan, including, without limitation, making grants, loans, or contractual payments to achieve, facilitate, or expedite reductions in groundwater pumping or the development or distribution of alternative water supplies or to maintain the operability of wells significantly affected by groundwater development to allow for the highest practicable level of groundwater production while achieving the desired future conditions established under Section 36.108.

(b) A district may use funds obtained from the amount that

an export fee is increased under Section 36.122(e-1) on or after January 1, 2024, only for costs related to assessing and addressing impacts associated with groundwater development, including:

(1) maintaining operability of wells significantly affected by groundwater development;

(2) developing or distributing alternative water supplies; and

(3) conducting aquifer monitoring, data collection, and aquifer science.

SECTION 3. This Act takes effect September 1, 2023.