

**NORTH TEXAS
GROUNDWATER
CONSERVATION
DISTRICT**

PERMIT HEARING AND BOARD MEETING

Pilot Point ISD Administration Office
829 S. Harrison St.
Pilot Point, TX 76258

**TUESDAY
AUGUST 13, 2024
10:00 AM**

NOTICE OF PUBLIC MEETING

OF THE
BOARD OF DIRECTORS
of the

NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT

Tuesday, August 13, 2024, at 10:00 a.m.

MEETING LOCATION:

**Pilot Point ISD Administration Office
829 S. Harrison St.
Pilot Point, TX 76258**

Permit Hearing

The Permit Hearing will begin at 10:00 a.m.

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

Agenda:

1. Call to Order; establish quorum; declare hearing open to the public; introduction of Board.
2. Public Comment on the Production Permit Applications (verbal comments limited to three (3) minutes each).
3. Review the Production Permit Applications of:

Request for Exception to Spacing Requirements

- a. **Applicant:** M-Ray Research & Analysis; 2802 Linden Lane, Southlake, TX 76092
Location of Well: Lot 5, Lindbergh Dr, Roanoke, TX 76262; Latitude: 33.054188°N, Longitude: 97.234192°W; About 350 feet north of Cleveland Gibbs Rd and about 475 feet east of Doolittle Dr. in Denton County.
Purpose of Use: Domestic; Commercial/Small Business; Irrigation/Landscape
Production Capacity of Well: 16 gallons/minute
Aquifer: Trinity (Antlers)
Request for Exception to Spacing Requirements: M-Ray Research & Analysis is requesting an exception to the 50-foot property spacing requirements for the following adjacent properties:
 - Wheelock, Terry Wayne, Lot 15A, Lindbergh Dr. (Denton CAD PID: 95985)
 - Higgins, Brian D & Kimberly A, Lot 13A, Lindbergh Dr. (Denton CAD PID: 88981)
 - Flughafen LLC, Lot 11A, Lindbergh Dr. (Denton CAD PID: 88977)
 - Lehto, Esa & Paivi, Lot 4, Lindbergh Dr. (Denton CAD PID: 88953)

4. Consider and act upon the Production Permit Applications, including designation of parties and/or granting or denying the Production Permit Applications in whole or in part, as applicable.
5. Adjourn or continue permit hearing.

Board Meeting

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

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

Agenda:

1. Pledge of Allegiance and Invocation.
2. Call to order, establish quorum, declare the meeting open to the public.
3. Public comment.
4. Consider and act upon approval of the minutes from the July 25, 2024, Board meeting.
5. Consider and act upon approval of invoices and reimbursements, Resolution No. 2024-8-13-01.
6. Receive reports from the following Committees*:
 - a. Budget and Finance Committee
 1. Receive Monthly Financial Information
7. Update and possible action regarding the process for the development of Desired Future Conditions (DFCs).
8. Discussion and possible action regarding the District’s Drought Contingency Plan.
9. Consider and act upon compliance and enforcement activities for violations of District rules.
10. General Manager’s Report: The General Manager will update the board on operational, educational and other activities of the District.
 - a. District’s Disposal/Injection Well Program
 - b. Well Registration Summary
11. Open forum / discussion of new business for future meeting agendas.
12. Adjourn public meeting.

* Reports from District standing committees will include a briefing by each committee for the Board on the activities of the committee, if any, since the last regular Board meeting.

The above agenda schedule represents an estimate of the order for the indicated items and is subject to change at any time.

These public meetings are available to all persons regardless of disability. If you require special assistance to attend the meeting, please call (855) 426-4433 at least 24 hours in advance of the meeting to coordinate any special physical access arrangements.

For questions regarding this notice, please contact Velma Starks at (855) 426-4433, at ntgcd@northtexasgcd.org, or at 5100 Airport Drive, Denison, TX 75020.

At any time during the meeting or work session and in compliance with the Texas Open Meetings Act, Chapter 551, Government Code, Vernon's Texas Codes, Annotated, the North Texas Groundwater Conservation District Board may meet in executive session on any of the above agenda items or other lawful items for consultation concerning attorney-client matters (§551.071); deliberation regarding real property (§551.072); deliberation regarding prospective gifts (§551.073); deliberation regarding personnel matters (§551.074); deliberation regarding security devices (§551.076); and deliberation regarding cybersecurity (§551.089). Any subject discussed in executive session may be subject to action.

ATTACHMENT 4

**MINUTES OF THE BOARD OF DIRECTORS' BOARD MEETING
NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT**

Thursday, July 25, 2024, at 10:00 a.m.

**Pilot Point ISD Administration Office
829 S. Harrison St.
Pilot Point, TX 76258**

Please note for in-person attendance that the Board meeting location can only accommodate a limited number of attendees to comply with state requirements related to in-person gatherings. In the event in-person attendance exceeds any state or local requirements, the District may provide an option for virtual participation for any overflow attendees as necessary and authorized by law.

Members Present: Greg Peters, Everette Newland, Allen Knight, Robert Todd, Ronny Young, Thomas Smith, Jimmy Arthur, and Leon Klement

Members Absent: Allen McDonald

Staff: Paul Sigle, Kenneth Elliott, Debi Atkins, and Velma Starks

Visitors: Kristen Fancher, Law Offices of Kristen Fancher, PLLC

Board Member Qualification for Office

Board Member qualification for office will begin at 10:00 a.m.

1. Administer Oath of Office to new Board Member.

The Oath of Office was administered to Leon Klement by Velma Starks, Notary.

2. Receive signature on Oath of Office and Statement of Appointed Officer forms.

Permit Hearing

Permit Hearing will begin upon completion of the Board Member Qualification for Office.

Agenda:

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

Board President Ronny Young called the Permit Hearing to order at 10:01 a.m.

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

No public comments.

3. Review the Production Permit Applications of:

Permit Amendment

- a. **Applicant:** Independence Water No 2.; 3000 Turtle Creek Blvd, Dallas, TX 75219

Location of Wells:

- **Harvest #2 (existing):** Old Justin Rd, Argyle, TX; Latitude: 33.118881 °N, Longitude: 97.246005 °W; About 78 feet north of Old Justin Rd and about 1,120 feet east of Schober Rd in Denton County.
- **Harvest #3 (new):** Breezy Brook Ln, Northlake, TX; Latitude: 33.11877 °N, Longitude: 97.2411 °W; About 55 feet north of Old Justin Rd and about 2,620 feet east of Schober Rd in Denton County.

Purpose of Use: Irrigation/Landscape; Filling Surface Impoundment(s)

Requested Amount of Use: 46,570,000 gallons per year

Production Capacity of Wells:

- **Harvest #2:** 165 gallons/minute
- **Harvest #3:** 200 gallons/minute

Aquifer: Trinity (Antlers)

Amendment: Addition of Harvest #3 well. Total requested amount of use does not change.

General Manager Paul Sigle reviewed the permit with the Board. Discussion was held. Board Member Thomas Smith made the motion to approve the permit. Board Member Everette Newland seconded the motion. Motion passed unanimously.

New Production Permit

- a. **Applicant:** Painted Tree Residential Community Association, Inc.; 7800 N Dallas Pkwy, Suite 450, Plano, TX 75024.

Location of Wells:

- **Well 1 (existing):** 3998 Taft Ln, McKinney, TX 75069; Latitude: 33.222904°N Longitude: 96.667322°W; About 1,893 feet north of Hwy 380 and about 3,550 feet east of N Lake Forest Dr, in Collin County.
- **Well 2 (new):** McKinney, TX; Latitude: 33.232768°N Longitude: 96.673410°W; About 90 feet north of County Road 943 and about 1,815 feet east of N Lake Forest Dr, in Collin County.

Purpose of Use: Irrigation/Landscape; Filling of Surface Impoundment(s).

Requested Amount of Use: 75,682,456 gallons/year

Production Capacity of Wells:

- Well 1: 195 gallons/minute
- Well 2: 250 gallons/minute

Aquifer: Trinity (Paluxy)

General Manager Paul Sigle reviewed the Permit with the Board. Discussion was held.

The Board went into Executive Session at 10:17 a.m. The Board reconvened at 10:43 a.m.

Board Member Greg Peters made the motion to approve the permit with the following special conditions, (1) the permittee must adhere to the District's Drought Contingency Plan, as it may be amended by the Board of Directors, and (2) the permit is subject to the District's rules related to curtailing production. Board Member Allen Knight seconded the motion. Board Members Thomas Smith and Leon Klement opposed the motion. Motion passed 6-2.

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

The Permits were approved separately.

5. Adjourn or continue permit hearing.

Board President Ronny Young adjourned the permit hearing at 10:42 a.m.

Board Meeting

Agenda:

1. Pledge of Allegiance and Invocation

Board President Ronny Young led the Pledge of Allegiance and provided the invocation.

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

Board President Ronny Young called the meeting to order at 10:42 a.m.

3. Public Comment

There were no public comments at this time.

4. Consider and act upon approval of the minutes from the June 11, 2024, Board meeting.

Board President Ronny Young asked for approval of the minutes from the June 11, 2024, meeting. Board Member Allen Knight made the motion to approve the minutes. Board Member Greg Peters seconded the motion. Motion passed unanimously.

5. Consider and act upon the 2023 Audit.

The audit was reviewed by April Hatfield, McClanahan and Holmes, LLP with the Board. Discussion was held. Board Member Thomas Smith made the motion to approve the audit. Board Member Jimmy Arthur seconded the motion. Motion passed unanimously.

6. Consider the appointment of a Budget Committee.

The Budget Committee consisting of Board Members Greg Peters, Robert Todd, Jimmy Arthur, and Ronny Young were appointed.

7. Consider and act upon approval of invoices and reimbursements, Resolution No. 2024-7-25-01.

General Manager Paul Sigle reviewed the liabilities with the Board. Discussion was held. Board Member Allen Knight made the motion to approve Resolution No. 2024-7-25-01. With correction on line item Administrative Services GTUA - July to GTUA – June. Board Member Thomas Smith seconded the motion. Motion passed unanimously.

8. Receive reports from the following Committees*:

- a. Budget and Finance Committee
 - 1. Receive Monthly Financial Information

General Manager Paul Sigle reviewed the Financial Report with the Board. Discussion was held.

- b. Investment Committee
 - 1. Receive Quarterly Investment Report

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

- c. Management Plan Committee
 - 1. Receive Quarterly Report

General Manager Paul Sigle reviewed the Quarterly Report with the Board. Discussion was held.

9. Consider and act upon Resolution of Appreciation for David Flusche.

Board Member Thomas Smith made the motion to approve the Resolution of Appreciation for David Flusche. Board Member Greg Peters seconded the motion. Motion passed unanimously.

10. Discussion and possible action on audit services for next fiscal year.

General Manager Paul Sigle provided background information for the Board. McClanahan and Holmes, LLP has provided audit services for five years. The Board suggested that the staff obtain a contract from McClanahan and Holmes, LLP with them rotating the primary staff auditor. They anticipate a 5% to 7% increase in the fee each year.

11. Update and possible action regarding the process for the development of Desired Future Condition (DFCs).

General Manager Paul informed the Board that the GMA 8 is starting the process for DFCs. RFQs for professional services related to development and adoption of DFCs have been sent out and two responses have been received. GMA 8 is still waiting on one. They will be updating the model. The next meeting is anticipated to take place in August/September.

12. Consider and act upon compliance and enforcement activities for violations of District rules.

No issues

13. General Manager's Report: The General Manager will update the board on operational, educational and other activities of the District.

- a. District's Disposal/Injection Well Program

No update

- b. Well Registration Summary

General Manager Paul Sigle reviewed the well registration summary with the Board. Thirteen wells were registered in June.

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

- Drought Contingency Plan
- Meter report
- Next meeting will be August 13, 2024

15. Adjourn public meeting

Board President Ronny Young declared the meeting adjourned at 11:10 a.m.

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Recording Secretary

Secretary-Treasurer

ATTACHMENT 5

RESOLUTION NO. 2024-08-13-1

A RESOLUTION BY THE BOARD OF DIRECTORS OF THE NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT AUTHORIZING PAYMENT OF ACCRUED LIABILITIES FOR THE MONTH OF JULY

The following liabilities are hereby presented for payment:

<u>Administrative Services</u>	<u>Amount</u>
GTUA - July 2024	36,359.40
<u>Auditing</u>	
McClanahan & Holmes LLP CPA - Audit for FY 2023	9,500.00
<u>Consultant</u>	
Advanced Groundwater Solutions LLC - June Hydro-Geo services	2,826.50
Leonard Rice Consulting Water Engineers - Initial review & assessment of Drip Drop system, upgraded server and added firewall.	3,421.50
<u>Direct Costs</u>	
Awards Unlimited - Appreciation award for David Flusche	154.00
Bruce Stidham, Grayson Cty Tax Assessor - Registration for 2019 F150 LP1397007	7.50
Nextraq - August	36.95
Ronnie Young - Mileage for July	28.14
<u>Legal</u>	
Kristen Fancher PLLC - services through June	2,016.00
Kristen Fancher PLLC - services through July	2,324.00
<u>Meetings & Conferences</u>	
Pilot Point ISD - Meeting Room	75.00
<u>Well Injection Monitoring</u>	
Elliott Electric Supply - Well monitoring materials	165.00
Statewide Plat Service - May & June	100.00
GRAND TOTAL:	\$ <u><u>57,013.99</u></u>

On motion of _____ and seconded by _____ the foregoing Resolution was passed and approved on the 13th day of August, 2024 by the following vote:

AYE:
NAY:

President

Secretary/Treasurer

1000 PM
DECEMBER 12 2023
AMERICA

DEPT OF HEALTH & HUMAN SERVICES
2101 CONSTITUTION AVENUE
WASHINGTON, DC 20037

ATTACHMENT 6 a. - i.

DEPT OF HEALTH & HUMAN SERVICES

DISTRICT
CONSERVATION
CROSSCOUNTRY
BED STAIR

NORTH TEXAS GROUNDWATER

Balance Sheet

As of July 31, 2024

ASSETS

Current Assets

Checking/Savings

10001 Checking Account	537,419.22
10005 Cash-Index Account	20,202.07
10006 Cash - CDARS OZK	0.00
10008 Cash - Tex Star	12,130.03
10010 Investment	3,819,084.99
10025 Accounts Receivable	271,979.65
10030 A/R Well Applications	-5,970.95
10033 A/R Penalties	3,600.00
10035 A/R GMA8 Members	31,033.88
10070 A/R Liens	14,000.00
10026 Allowance for Uncollectib	-34,513.00
12001 Prepaid Expenses	5,266.25

TOTAL ASSETS 4,674,232.14

LIABILITIES & EQUITY

Liabilities

Current Liabilities

Accounts Payable

23100 Accounts Payable	38,646.45
23150 Well Drillers Deposits	24,400.00

Total Liabilities 63,046.45

Equity

35100 Retained Earnings	4,262,231.87
Net Income	348,953.82

Total Equity 4,611,185.69

TOTAL LIABILITIES & EQUITY 4,674,232.14

**NORTH TEXAS GROUNDWATER
Profit Loss Budget vs. Actual
July 31, 2024**

	TOTAL				
	July 2024	1 mo. Budget	YTD Actual	Total Budget	% of Budget remaining
Ordinary Income/Expense					
Income					
46003 - Registration Fees	4,400.00	2,916.00	31,200.00	35,000.00	10.86%
46004 - Well Driller Fees		0.00	0.00	0.00	0.0%
46005 - PRODUCTION FEES	-2,534.51	0.00	394,973.35	870,000.00	54.6%
46006 Income GMA8	146,898.69	0.00	130,864.76	281,735.00	53.55%
46007 - Penalties		0.00	4,000.00	0.00	0.0%
46008 - Online Pay Fees	142.20	0.00	828.96	1,000.00	17.1%
46015 Late Fees	-61.68	0.00	43,118.94	0.00	0.0%
Total Income	<u>148,844.70</u>	<u>2,916.00</u>	<u>604,986.01</u>	<u>1,187,735.00</u>	<u>49.06%</u>
Gross Profit	148,844.70	2,916.00	604,986.01	1,187,735.00	49.06%
Expense					
77010 ADMINISTRATIVE					
77013 Admin-Secretarial	1,198.75	1,250.00	5,010.25	15,000.00	66.6%
77014 Admin-Project Coordinator	57.00	417.00	969.00	5,000.00	80.62%
77015 Admin-GM	5,600.00	5,500.00	35,253.00	66,000.00	46.59%
77016 Admin-Clerical	3,712.50	3,917.00	18,581.05	47,000.00	60.47%
77040 ADMIN-MILEAGE	86.05	333.00	987.85	4,000.00	75.3%
77025 ACCOUNTING	2,848.00	2,750.00	19,754.08	33,000.00	40.14%
77027 AUDITING		0.00	9,500.00	6,206.00	-53.08%
77050 BANKING FEES	159.24	167.00	1,107.75	2,000.00	44.61%
77150 CONSULTING-HYDROGEO SVC		4,392.00	27,054.25	52,700.00	48.66%
77325 DIRECT COSTS-REIMB	782.58	500.00	2,666.74	6,000.00	55.55%
77450 DUES & SUBSCRIPTION		650.00	5,000.00	7,800.00	35.9%
77480 EQUIPMENT		167.00	0.00	2,000.00	100.0%
77485 Equipment Database	3,421.50	4,167.00	3,421.50	50,000.00	93.16%
77500 FEES-GMA8	18.90	0.00	387.57	2,000.00	80.62%
77550 FIELD TECH	13,884.00	15,833.00	74,272.00	190,000.00	60.91%
77560 Field Permitting/Geologis	7,125.00	5,417.00	37,386.00	65,000.00	42.48%
77650 FUEL/MAINTENANCE	298.20	417.00	2,570.76	5,000.00	48.58%
77800 INJECTION WELL MONITORING		58.00	325.60	700.00	53.49%
77810 INSURANCE & BONDING	478.75	581.00	3,717.25	6,975.00	46.71%
77970 LEGAL					
77975 Legal-Injection		833.00	3,322.50	10,000.00	66.78%
77980 Legal-Legislation		2,500.00	6,251.77	30,000.00	0.0%
77970 LEGAL - Other	2,324.00	5,000.00	16,940.00	60,000.00	71.77%
78010 MEETINGS & CONFERENCES	75.00	583.00	3,806.29	7,000.00	45.62%
78310 Rent	200.00	200.00	1,400.00	2,400.00	41.67%
78600-SOFTWARE MAINT	479.20	208.00	1,801.64	2,500.00	27.93%
78610 TELEPHONE	295.81	317.00	2,090.36	3,800.00	44.99%
78780 Well Monitoring/Testing	100.00	1,350.00	265.00	16,200.00	98.36%
Total Expense	<u>43,144.48</u>	<u>57,507.00</u>	<u>283,842.21</u>	<u>698,281.00</u>	<u>59.35%</u>
Other Income/Expense					
Other Income					
46100 INTEREST INC	211.14	8,333.00	27,810.02	100,000.00	72.19%
Total Other Income	<u>211.14</u>	<u>8,333.00</u>	<u>27,810.02</u>	<u>100,000.00</u>	
Net Other Income	211.14	8,333.00	27,810.02	100,000.00	
Net Income	<u><u>105,911.36</u></u>	<u><u>-46,258.00</u></u>	<u><u>348,953.82</u></u>	<u><u>589,454.00</u></u>	

ATTACHMENT 8



NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT

P.O. Box 508, Gainesville, TX 76241
5100 Airport Drive, Denison, TX 75020
Office: 1 (855) 426-4433 | Fax: (903) 786-8211
ntgcd@northtexasgcd.org | www.northtexasgcd.org

Drought Contingency Plan

Adopted February 9, 2021

Amended

I. Purpose

The North Texas Groundwater Conservation District (the District) adopts this Drought Contingency Plan (“plan”) for the purpose to conserve, preserve, protect, and recharge the groundwater resources of Cooke, Collin and Denton Counties, and to prevent waste and degradation of quality of those groundwater resources. The Board of Directors adopts this plan in order to implement Sections 36.113 and 36.1131 of the Texas Water Code, and Sections 3.10(a), 3.16(b), and 6.2 of the District’s Rules.

II. Applicability

Provisions of this plan shall apply to all registered wells and all persons or organizations, public or private, owning or operating wells within Cooke, Collin or Denton Counties, regardless of purpose of use, size, capacity, date drilled, ownership, or the exemption status of a well.

III. Enforcement

This Drought Contingency Plan will rely primarily on voluntary compliance. The District encourages the voluntary reduction measures outlined in this plan to achieve a desired level of conservation and reduced impact to the aquifers. However, this section does not exclude the District from exercising authority of its Enforcement Policy and Civil Penalty Schedule in the District’s Rules regarding wasteful use of water.

IV. Public Water Supply Entities

The District recognizes that Public Water Supply Entities develop and utilize drought contingency plans that accomplish the intent of this Drought Contingency Plan. The District will support and provide assistance when requested from a Public Water Supply Entity, using groundwater, to implement their plans and use their discretion as to how much desired reduction is to be

accomplished during a drought. The District asks to be notified by each Public Water Supply Entity in the event that a drought stage has been triggered or canceled.

V. *Initiation and Determination of Drought Stages*

The various drought stages will be initiated and terminated by the District’s Board of Directors (the Board), utilizing the Texas Water Development Board’s (TWDB) publication of the U.S. Drought Monitor. Each drought stage will last a minimum of 30 days and renew automatically unless changed by Board action.

The drought stages will be implemented and terminated by resolution of the Board of Directors and will be implemented on a county-by-county basis.

Public notification of the initiation or termination of drought stages shall be by means of any of the following: notification on the District’s website, in a newspaper(s) of general circulation, radio announcement, mail, fax, or email to owners/operators of permitted wells. The District’s website will display the most current drought stage.

The TWDB’s publication of the U.S. Drought Monitor can be found [here](#).

The weekly map is based on measurements of climatic, hydrologic and soil conditions, as well as reported impacts and observations from more than 350 contributors around the country. Eleven climatologists from the partner organizations take turns serving as the lead author producing the map each week. The authors examine all the data and use their best judgment to reconcile any variances in what different sources report. The U.S. Drought Monitor is a composite index that includes many indicators. The drought stages of this plan will coincide with the various stages of drought which are as follows:

Category	Description	Ranges				
		Palmer Drought Severity Index (PDSI)	CPC Soil Moisture Model (Percentiles)	USGS Weekly Streamflow (Percentiles)	Standardized Precipitation Index (SPI)	Objective Drought Indicator Blends (Percentiles)
D0	Abnormally Dry	-1.0 to -1.9	21 to 30	21 to 30	-0.5 to -0.7	21 to 30
D1	Moderate Drought	-2.0 to -2.9	11 to 20	11 to 20	-0.8 to -1.2	11 to 20
D2	Severe Drought	-3.0 to -3.9	6 to 10	6 to 10	-1.3 to -1.5	6 to 10
D3	Extreme Drought	-4.0 to -4.9	3 to 5	3 to 5	-1.6 to -1.9	3 to 5
D4	Exceptional Drought	-5.0 or less	0 to 2	0 to 2	-2.0 or less	0 to 2

VI. *Drought Stages*

Stage 1 - Moderate Drought

Voluntary Water Reduction Goal - 5%. Encourage water conservation methods through public awareness of methods to reduce overall usage by 5% through the following practices:

- Re-use and re-circulate water whenever possible.
- Check for and repair all leaks.
- Outdoor lawn and landscape watering should be done during times of low evaporation loss and use timers or smart irrigation controllers to avoid overwatering and waste.
- Washing vehicles at a car wash usually uses less water than washing at home.
- Washing sidewalks, driveways, parking areas, streets, tennis courts, or any outdoor surfaces could be considered waste.
- Other water conservation practices.

Stage 2 - Severe Drought

Voluntary Water Reduction Goal - 10%. Continue to encourage the water conservation methods with a goal to reduce overall usage by 10% through the following practices:

- Re-use and re-circulate water whenever possible.
- Check for and repair all leaks.
- Outdoor lawn and landscape watering should be done between the hours of 8:00 PM to ~~8:00~~ 10:00 AM.
- Limit watering of lawns and landscapes to once every ~~5-7~~ 7 days.
- Wash vehicles only at a car wash when needed.
- Keep decorative fountains, landscape ponds, and swimming pools covered whenever possible to reduce evaporation.
- Do not use water to wash sidewalks, driveways, parking areas, streets, tennis courts, or any outdoor surfaces except for human or animal health and safety reasons, or fire hazard prevention.
- Providing groundwater to ponds, tanks, lakes, reservoirs, swimming pools, or other surface impoundments for holding water that have a total capacity of more than 100,000 gallons is discouraged.
- Water livestock in leak-proof troughs (livestock tanks) when practical.

Mandatory Water Restrictions:

- Outdoor lawn and landscape watering should be done between the hours of 6:00 PM to 10:00 AM.
- Lawn and landscape irrigation is limited to twice per week during summer months (April 1 – October 31) and once per week during winter months (November – March 31).

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Stage 3 - Extreme Drought

Voluntary Water Reduction Goal - 20%. Continue to encourage the practice of water conservation methods and reduce overall usage by 20% through the following practices:

- Re-use and re-circulate water whenever possible.
- ~~Check for and repair all leaks.~~
- ~~Outdoor lawn and landscape watering should be done between the hours of 8:00 PM to 8:00 AM.~~
- Limit watering of lawns and landscapes to once every ~~5 to 7~~ 14 days.
- Wash vehicles only at a car wash when needed.
- Keep decorative fountains, landscape ponds, and swimming pools covered whenever possible to reduce evaporation.
- Do not use water to wash sidewalks, driveways, parking areas, streets, tennis courts, or any outdoor surfaces except for human or animal health and safety reasons, or fire hazard prevention.
- Providing groundwater to ponds, tanks, lakes, reservoirs, swimming pools, or other surface impoundments for holding water that have a total capacity of more than 100,000 gallons is discouraged.
- Water for dust control is discouraged.
- Watering livestock in leak-proof troughs is recommended.

Mandatory Water Restrictions:

- Outdoor lawn and landscape watering should be done between the hours of 8:00 PM to 8:00 AM.
- Lawn and landscape irrigation is limited to once per week.

Stage 4 - Exceptional Drought

Voluntary Water Reduction Goal - 30%. Continue to encourage the practice of water conservation methods and reduce overall usage by 30%:

- Re-use and re-circulate water whenever possible.
- Check for and repair all leaks.
- ~~Limit watering of lawns and landscapes to once every 14 days.~~
- No vehicle washing
- Do not use water to wash sidewalks, driveways, parking areas, streets, tennis courts, or any outdoor surfaces except when required for human or animal health and safety reasons, or fire hazard prevention.
- Providing groundwater to ponds, tanks, lakes, reservoirs, swimming pools, or other surface impoundments for holding water regardless of capacity is prohibited.

- Water for dust control only when required by law.
- Watering livestock in leak-proof troughs is highly recommended.

Mandatory Water Restrictions:

- Outdoor lawn and landscape watering should be done between the hours of 8:00 PM to 8:00 AM.
- Lawn and landscape irrigation is limited to once per 14 days.

VII. Lawn and Landscape Irrigation

To ensure efficient and beneficial use of groundwater, even during normal conditions, the following practices are required for any lawn or landscape irrigation:

A. Year-Round Outdoor Watering Schedules

Mandatory weekly watering schedule has been gradually gaining acceptance in the region and the state. All permittees to adhere to a permanent outdoor watering schedule for lawns and landscaping.

- **Summer (April 1 – October 31):** Spray irrigation with sprinklers or irrigation systems at each service address must be limited to no more than two days per week. Additionally, prohibit lawn irrigation watering from 10 a.m. to 6 p.m. Education should be provided that irrigation should only be used when needed, which is often less than twice per week, even in the heat of summer.
- **Winter (November 1 – March 31):** Spray irrigation with sprinklers or irrigation systems at each service address must be limited to no more than one day per week with education that less than once per week (or not at all) is usually adequate.

Additional irrigation may be provided by hand-held hose with shutoff nozzle, use of dedicated irrigation drip zones, and/or soaker hose provided no runoff occurs. Many North Texas horticulturists have endorsed twice-weekly watering as more than sufficient for landscapes in the region, even in the heat of summer.

Time of Day Watering Schedule

During the summer months (April 1 – October 31) under normal conditions, spray irrigation with an irrigation system or sprinkler is only permitted on authorized watering days, before 10 a.m. or after 6 p.m. The primary purpose of this measure is to reduce wind drift and evaporation losses during the active growing season. The time-of-day watering schedule requirement increases watering efficiency by eliminating outdoor irrigation use when climatic factors negatively impact irrigation system efficiencies. Midday irrigation is not an optimal time to irrigate because evapotranspiration rates are higher, and plants are more susceptible to stress associated with factors such as higher temperatures and lower relative humidity.

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Smart Irrigation Controllers and Management

- All lawn and landscaping irrigation systems are required to utilize smart irrigation controllers and management practices to prevent excess watering by the irrigation system.

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ATTACHMENT 10 b.

NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT

Well Registration Summary

(as of 7/31/2024)

Well Type	Collin	Cooke	Denton	Total NTGCD	New Registrations July 2024
Domestic	98	755	1173	2026	22
Public Water System	41	76	239	356	0
Irrigation	109	7	231	347	2
Surface Impoundment	65	20	146	231	3
Livestock	7	98	73	178	0
Oil / Gas	1	6	64	71	0
Agriculture	11	17	51	79	3
Commercial	7	9	55	71	1
Golf Course Irrigation	15	2	21	38	0
Industrial / Manufacturing	11	11	9	31	0
*Other	6	5	9	20	0
Monitoring	0	0	6	6	0
TOTALS	371	1006	2077	3454	31

NOTE: Plugged wells have been excluded

***Examples of "Other" uses: Closed Loop Geothermal, Construction, and Fire Suppression**

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