

Wylie City Council Regular Meeting

April 23, 2024 – 6:00 PM

Council Chambers - 300 Country Club Road, Building #100, Wylie, Texas 75098



CALL TO ORDER

INVOCATION & PLEDGE OF ALLEGIANCE

PRESENTATIONS & RECOGNITIONS

- PR1. Junior Mayor for the Day - Delta Dorris.
- PR2. Small Business Week.
- PR3. National Volunteer Week.
- PR4. Child Abuse Prevention Month.
- PR5. National Animal Control Officer Appreciation Week.
- PR6. National Military Brats Month.

COMMENTS ON NON-AGENDA ITEMS

Any member of the public may address Council regarding an item that is not listed on the Agenda. Members of the public must fill out a form prior to the meeting in order to speak. Council requests that comments be limited to three minutes for an individual, six minutes for a group. In addition, Council is not allowed to converse, deliberate or take action on any matter presented during citizen participation.

CONSENT AGENDA

All matters listed under the Consent Agenda are considered to be routine by the City Council and will be enacted by one motion. There will not be separate discussion of these items. If discussion is desired, that item will be removed from the Consent Agenda and will be considered separately.

- A. Consider, and act upon, approval of April 9, 2024 Regular City Council Meeting minutes.
- B. Consider, and place on file, the monthly Revenue and Expenditure Report for the Wylie Economic Development Corporation as of March 31, 2024.
- C. Consider, and act upon, the City of Wylie Monthly Revenue and Expenditure Report for March 31, 2024.
- D. Consider, and place on file, the City of Wylie Monthly Investment Report for March 31, 2024.

REGULAR AGENDA

- 1. Consider, and act upon, the appointment of a board member to the North Texas Municipal Water District (NTMWD) Board to fill an expired term of June 1, 2024 to May 31, 2026.

2. **Tabled from 03-12-2024**

Remove from table and consider

Continue a Public Hearing, consider, and act upon, the writing of an ordinance for a change in zoning from Planned Development 2020-27 (PD 2020-27) to Planned Development (PD) on 20.433 acres. Property located from 2535-2701 S. State Highway 78 (ZC 2023-20).

3. **Tabled from 04-09-2024**

Remove from table and consider

Consider, and act upon, Ordinance No. 2024-10 for a change in zoning from Agricultural (AG/30) to a Planned Development with single family attached, single family detached, commercial development and open space on 25.037 acres. Property located near 605 Country Club Road (ZC 2023-18).

4. Hold a Public Hearing, consider, and act upon, Ordinance No. 2024-11 amending Wylie's Code of Ordinances, Ordinance No. 2021-17, as amended, Chapter 114 (Utilities), Article IV (Water), Division 3 (Water Conservation Plan) repealing and adopting a New Water Conservation Plan to promote the responsible use of Water, requiring the filing of this ordinance and plan with the Texas Commission on Environmental Quality; providing for penalties for the violation of this ordinance; providing repealing, savings and severability clauses, an effective date and for the publication of the caption hereof.

5. Hold a Public Hearing, consider, and act upon, Ordinance No. 2024-12 amending Wylie's Code of Ordinances, Ordinance No. 2021-17, as amended, Chapter 114 (Utilities), Article IV (Water), Division 2 (Water Resource and Emergency Management Plan) repealing and adopting a new Water Resource and Emergency Management Plan to promote the responsible use of water, requiring the filing of this ordinance and plan with the Texas Commission on Environmental Quality; providing for penalties for the violation of this ordinance; providing repealing, savings and severability clauses, an effective date and for the publication of the caption hereof.

6. Consider, and act upon, Ordinance No. 2024-13 amending Ordinance No. 2023-39, which established the budget for fiscal year 2023-2024; providing for repealing, savings and severability clauses; and providing for an effective date of this ordinance.

7. Consider, and act upon, casting a recommendation for a candidate for the Executive Board of the North Central Texas Council of Governments (NCTCOG).

WORK SESSION

WS1. Discuss the Parks and Recreation Department and Five-Year Recommendations.

RECONVENE INTO REGULAR SESSION

EXECUTIVE SESSION

Sec. 551.072. DELIBERATION REGARDING REAL PROPERTY; CLOSED MEETING.

A governmental body may conduct a closed meeting to deliberate the purchase, exchange, lease, or value of real property if deliberation in an open meeting would have a detrimental effect on its negotiating position.

ES1. Consider the sale or acquisition of properties located at Brown/Eubanks, FM 544/Cooper, FM 544/Sanden, Jackson/Oak, Regency/Steel, and State Hwy 78/Brown.

Sec. 551.087. DELIBERATION REGARDING ECONOMIC DEVELOPMENT NEGOTIATIONS; CLOSED MEETING.

This chapter does not require a governmental body to conduct an open meeting:

- (1) to discuss or deliberate regarding commercial or financial information that the governmental body has received from a business prospect that the governmental body seeks to have locate, stay, or expand in or near the territory of the governmental body and with which the governmental body is conducting economic development negotiations; or
- (2) to deliberate the offer of a financial or other incentive to a business prospect described by Subdivision (1).

ES2. Deliberation regarding commercial or financial information that the WEDC has received from a business prospect and to discuss the offer of incentives for Projects: 2013-9a, 2022-1c, 2022-10c, 2023-1a, 2023-2d, 2023-5b, 2023-9b, 2023-11b, 2024-1a, 2024-1c, 2024-3a, 2024-3b, 2024-4a, 2024-4b, and 2024-4c.

RECONVENE INTO OPEN SESSION

Take any action as a result from Executive Session.

READING OF ORDINANCES

Title and caption approved by Council as required by Wylie City Charter, Article III, Section 13-D.

ADJOURNMENT

CERTIFICATION

I certify that this Notice of Meeting was posted on April 19, 2024 at 5:00 p.m. on the outside bulletin board at Wylie City Hall, 300 Country Club Road, Building 100, Wylie, Texas, a place convenient and readily accessible to the public at all times.

Stephanie Storm, City Secretary

Date Notice Removed

The Wylie Municipal Complex is wheelchair accessible. Sign interpretation or other special assistance for disabled attendees must be requested 48 hours in advance by contacting the City Secretary's Office at 972.516.6020. Hearing impaired devices are available from the City Secretary prior to each meeting.

If during the course of the meeting covered by this notice, the City Council should determine that a closed or executive meeting or session of the City Council or a consultation with the attorney for the City should be held or is required, then such closed or executive meeting or session or consultation with attorney as authorized by the Texas Open Meetings Act, Texas Government Code § 551.001 et. seq., will be held by the City Council at the date, hour and place given in this notice as the City Council may conveniently meet in such closed or executive meeting or session or consult with the attorney for the City concerning any and all subjects and for any and all purposes permitted by the Act, including, but not limited to, the following sanctions and purposes:

Texas Government Code Section:

- § 551.071 – Private consultation with an attorney for the City.
- § 551.072 – Discussing purchase, exchange, lease or value of real property.
- § 551.074 – Discussing personnel or to hear complaints against personnel.
- § 551.087 – Discussing certain economic development matters.
- § 551.073 – Discussing prospective gift or donation to the City.
- § 551.076 – Discussing deployment of security personnel or devices or security audit.



Wylie City Council

AGENDA REPORT

Department: City Secretary
Prepared By: Stephanie Storm

Account Code: _____

Subject

Consider, and act upon, approval of April 9, 2024 Regular City Council Meeting minutes.

Recommendation

Motion to approve the Item as presented.

Discussion

The minutes are attached for your consideration.

Wylie City Council Regular Meeting Minutes

April 09, 2024 – 6:00 PM

Council Chambers - 300 Country Club Road, Building #100, Wylie, Texas 75098



CALL TO ORDER

Mayor Matthew Porter called the regular meeting to order at 6:02 p.m. The following City Council members were present: Councilman David R. Duke, Mayor *pro tem* Jeff Forrester, Councilman Sid Hoover, Councilman Scott Williams, and Councilman Gino Mulliqi. Councilman Dave Strang was absent.

Staff present included: City Manager Brent Parker; Assistant City Manager Lety Yanez; Fire Chief Brandon Blythe; Public Information Officer Craig Kelly; City Secretary Stephanie Storm; Finance Director Melissa Brown; Community Services Director Jasen Haskins; Parks and Recreation Director Carmen Powlen; Police Chief Anthony Henderson; Library Director Ofilia Barrera; City Attorney Richard Abernathy; Wylie Economic Development Executive Director Jason Greiner; and various support staff.

INVOCATION & PLEDGE OF ALLEGIANCE

Mayor *pro tem* Forrester led the invocation, and Councilman Williams led the Pledge of Allegiance.

PRESENTATIONS & RECOGNITIONS

PR1. Bracha Godsave - Shining The Way Award Term 3.

Mayor Porter presented a medallion to Bracha Godsave demonstrating “Shining the Wylie Way.” Every nine weeks one student from each WISD campus is chosen as the “Wylie Way Student.”

PR2. National Public Safety Telecommunicator Week.

Mayor Porter presented a proclamation proclaiming April 14-20, 2024 as National Public Safety Telecommunicator Week in Wylie, Texas. Telecommunicator staff, Blair Pearce, Christiana Gomez, Robin Livingston, Barbie Morrow, Tristian Porter, Sara Zerger, Julia Maschmann, Amanda Larmer, Karsen Knight, and Paige Payne, were present to accept the Proclamation.

PR3. Wylie Fire Rescue Station 2 Life Save Award.

Mayor Porter, Fire Chief Blythe, and Dr. Madden presented a life-saving award to Dispatchers Robin Livingston, Julia Maschmann, and Karsen Knight, Police Officers Preston Fredericks and Jordan Cantu, Firefighter Paramedic Carlos Puente, EMS Paramedic Jeff Thompson, EMS EMT Kaleb Hunt, Battalion Chief James Brown, Captain Robert Nishiyama, Driver Cory Watts, Firefighter Jordan Davis, and Veterinarian Dr. Meyers for a cardiac arrest call at Parker Road Veterinary Hospital. Veterinarian Dr. Wallis was not present but was recognized. The patient, Mr. Whitaker was present to thank the first responders and citizens.

COMMENTS ON NON-AGENDA ITEMS

Any member of the public may address Council regarding an item that is not listed on the Agenda. Members of the public must fill out a form prior to the meeting in order to speak. Council requests that comments be limited to three minutes for an individual, six minutes for a group. In addition, Council is not allowed to converse, deliberate or take action on any matter presented during citizen participation.

There were no members of the public present wishing to address the Council.

CONSENT AGENDA

All matters listed under the Consent Agenda are considered to be routine by the City Council and will be enacted by one motion. There will not be separate discussion of these items. If discussion is desired, that item will be removed from the Consent Agenda and will be considered separately.

- A. Consider, and act upon, approval of March 26, 2024 Regular City Council Meeting minutes.**
- B. Consider, and act upon, a Final Plat being a Replat of Lot 1, Block A of Validus Addition, creating Lot 1R-1 and Lot 1R-2, Block A of Validus Addition on 0.620 acres, located at 1602 and 1604 Martinez Lane.**
- C. Consider, and act upon, Ordinance No. 2024-09 for a change in zoning from Agricultural (AG/30) to Agricultural - Special Use Permit (AG/30-SUP) on 0.055 acres to allow for Telecommunications Tower. Property located at 5085 Bennett Road (ZC 2024-01).**
- D. Consider, and act upon, Resolution No. 2024-14(R) authorizing the City Manager of the City of Wylie to execute the Interlocal Agreement between the City of Wylie, Texas and the East Fork Special Utility District concerning waterline improvements along E. FM 544 from south of Alfred Drive to County Line Road.**

Council Action

A motion was made by Mayor *pro tem* Forrester, seconded by Councilman Williams, to approve the Consent Agenda as presented. A vote was taken and the motion passed 5-0 with Councilman Duke and Councilman Strang absent.

EXECUTIVE SESSION

Mayor Porter convened the Council into Executive Session at 6:27 p.m.

Sec. 551.071. CONSULTATION WITH ATTORNEY; CLOSED MEETING.

If A governmental body may not conduct a private consultation with its attorney except:

- (1) when the governmental body seeks the advice of its attorney about:
 - (A) pending or contemplated litigation; or
 - (B) a settlement offer; or
- (2) on a matter in which the duty of the attorney to the governmental body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with this chapter.

ES1. Discuss property located at 2300 McMillen Rd.

RECONVENE INTO OPEN SESSION

Take any action as a result from Executive Session.

Mayor Porter reconvened the Council into Open Session at 7:13 p.m.

REGULAR AGENDA

- 1. Consider, and act upon, the acceptance of the resignation of Stephen Burkett and the appointment of Kevin Hughes to the City of Wylie Historic Review Commission to fill the term of April 2024 to June 30, 2025.**

Council Action

A motion was made by Mayor *pro tem* Forrester, seconded by Councilman Williams, to approve Item 1 as presented. A vote was taken and the motion passed 5-0 with Councilman Duke and Councilman Strang absent.

2. **Consider, and act upon, Ordinance No. 2024-10 for a change in zoning from Agricultural (AG/30) to a Planned Development with single-family attached, single-family detached, commercial development, and open space on 25.037 acres. Property located near 605 Country Club Road (ZC 2023-18).**

Staff Comments

Community Services Director Haskins addressed the Council stating at the previous Council meeting, that the writing of the ordinance was approved with the stipulation that building two be flipped with its parking lot which is now reflected on the Zoning Exhibit. In addition, the applicant has voluntarily added a masonry wall that will go along the semi-public area where the courts and clubhouse are and has added a stipulation that there will be an HOA that will have CCRs that will govern lighting, noise, and hours of operation for the clubhouse in response to the comments received.

Council Comments

Mayor *pro tem* Forrester expressed concerns that there are some discrepancies within the submission on the IT trip generation manual chart where it shows 43 lots; however, the drawing shows 50 lots; during the last discussion Council asked who the home builders would be and there was no answer at the time; homes along the north of the property should be one or one and a half story, not two-story; and stated he appreciated the applicant relocating the commercial property as it cleans up the front of the property. Haskins replied that trip generation is a general idea, and a traffic impact analysis (TIA) will be required but will not be completed until the zoning is approved, and the discussion regarding one-story homes on the north side of the property was not included as part of the motion; therefore, no changes were made. Forrester stated the estimate of the trip generation should be based on the total number of houses, and asked if the developer had discussed the impact of the neighborhood on the ISD to ensure it would not negatively impact them. Haskins responded staff recommended the developer speak with the ISD and added staff did notify the ISD but did not receive any comments back. Dr. Khan, the applicant, replied that the number of homes is a typo as it should be 50, they are waiting for the zoning to be secured before securing the home builders, and have not spoken with the ISD but can discuss the potential impact with them. Councilman Mulliqi stated he appreciated the changes made, but was still concerned with two-story homes on the single-family lots backing to Presidential Estates. Khan replied he felt that was a suggestion after the last Council meeting and not a requirement, and said he could make that change if the Council allowed him to increase the commercial to the north. Mulliqi replied he does not see how having one-story homes on the north side of the development would harm the value of the lots and homes based on the proposed square footage. Councilman Williams expressed concerns with the amount of green space and no guest parking near the proposed townhomes, approving a planned development (PD) without a site plan, and did not see requirements in the PD for the building materials. Haskins replied the applicant is not asking for any variances; therefore, it falls under the City standards. Williams asked what the roof pitch of townhomes and single-family homes are. Haskins replied they were both 8:12 pitch. Khan replied that parking near the townhomes is only for guests as there is adequate space behind the townhomes for the residents to park. Williams explained his concern was that guest parking was not available in front of every unit. Haskins replied the item before Council is a zoning exhibit, and if that is an area of concern of Council, staff can ensure there is parking when the site plan comes back for consideration. Williams asked for clarification on the process for only making changes to the zoning currently, and not finalizing all of the aspects of the PD at the same time. Haskins explained when a zoning exhibit is presented everything is not known up-front and this process gives staff leeway to make some small changes as the project progresses; however, there is a stipulation in the Zoning Ordinances that states a site plan or plat has to be in general conformance with the zoning exhibit with exceptions for engineering requirements and so forth.

Council Action

A motion was made by Councilman Williams, seconded by Councilman Mulliqi, to table Item 2 until the April 23, 2024 City Council meeting. A vote was taken and the motion passed 5-0 with Councilman Duke and Councilman Strang absent.

WORK SESSION

Mayor Porter convened the Council into Work Session at 7:36 p.m.

WS1. Discussion regarding Wylie Fire Rescue's overview and Five-Year Plan.

Fire Chief Blythe addressed Council giving a presentation on Wylie Fire Rescue including the mission; the divisions; personnel summary; the prevention division; community risk reduction 2023 statistics; 911 Communications division; Communications personnel summary; 2023 Communications statistics; 911 Communications; Emergency Management; recruitment, hiring, and retirement; organizational chart for FY 2024; current deployment; emergency medical service update; 2023 response summary; 2023 call volume; average response times by district; calls by district; departmental budget; expenditures; revenue; other sources of funding, five year plan highlights, personnel-it's all about people; personnel status; personnel needed; fleet; fleet replacement grading; fleet summary for heavy duty equipment; fleet summary for medium duty equipment; fleet summary for light duty equipment; fleet; Quint 142; capital equipment; facilities; training tower proposal; training field/tower history; capabilities of current tower; current fire challenges; engineering report summary; new tower features; WHP training towers; partnerships; finances and funding; and biggest focus/challenges.

Council comments and questions include is Wylie currently billing for the EMS calls that Wylie ambulances are running, would the interlocal agreements to form a coalition managed by Wylie Fire Rescue be ready if the current EMS provider ends the coalition sooner than October 1st, ensure the coalition entities are recouping some of the costs for the equipment and infrastructure if using our services, is there any language included where the entity is responsible for the difference in what the resident does not pay on the EMS billing, do not want City staff spending a large amount of time and money outside of the City limits and not recouping some funds for infrastructure and equipment, all for helping other agencies but want to ensure the as the other cities grow want to ensure they help to cover their portion, does the proposed interlocal agreement include recoup for capital expenses, appreciate the work of staff to secure grants, have any thought to have the plans go through the City for a review instead of a third-party company, what is Command 140, what is the cost of a replacement ambulance, will other entities pay to use the training tower, and congratulated the Fire Department for achieving the ISO 1 rating.

Council gave direction to staff to add language in the interlocal agreements with recouping some of the capital expenses with coalition entities, and move forward with building a new training tower.

RECONVENE INTO REGULAR SESSION

Mayor Porter reconvened the Council into Regular Session at 8:44 p.m.

EXECUTIVE SESSION

Mayor Porter convened the Council into Executive Session at 8:45 p.m.

Sec. 551.072. DELIBERATION REGARDING REAL PROPERTY; CLOSED MEETING.

A governmental body may conduct a closed meeting to deliberate the purchase, exchange, lease, or value of real property if deliberation in an open meeting would have a detrimental effect on its negotiating position.

ES2. Discuss property generally located at Brown and Sanden.

RECONVENE INTO OPEN SESSION

Take any action as a result from Executive Session.

Mayor Porter reconvened the Council into Open Session at 9:03 p.m.

READING OF ORDINANCES

Title and caption approved by Council as required by Wylie City Charter, Article III, Section 13-D.

City Secretary Storm read the caption of Ordinance No. 2024-09 into the official record.

ADJOURNMENT

A motion was made by Councilman Williams, seconded by Mayor pro tem Forrester, to adjourn the meeting at 9:04 p.m. A vote was taken and the motion passed 5-0 with Councilman Duke and Councilman Strang absent.

Matthew Porter, Mayor

ATTEST:

Stephanie Storm, City Secretary



Wylie City Council

AGENDA REPORT

Department: WEDC
Prepared By: Jason Greiner

Account Code: _____

Subject

Consider, and place on file, the monthly Revenue and Expenditure Report for the Wylie Economic Development Corporation as of March 31, 2024.

Recommendation

Motion to approve the Item as presented.

Discussion

The Wylie Economic Development Corporation (WEDC) Board of Directors approved the attached financials on April 17, 2024.

March Rev/Exp Report

Account Summary

For Fiscal: 2023-2024 Period Ending: 03/31/2024

		Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
Fund: 111 - WYLIE ECONOMIC DEVEL CORP							
Revenue							
111-4000-40210	SALES TAX	4,536,561.00	4,536,561.00	577,757.70	1,611,930.41	-2,924,630.59	64.47 %
111-4000-46110	ALLOCATED INTEREST EARNINGS	112,000.00	112,000.00	46,186.59	261,297.80	149,297.80	233.30 %
111-4000-48110	RENTAL INCOME	48,600.00	48,600.00	5,000.00	24,880.65	-23,719.35	48.81 %
111-4000-48410	MISCELLANEOUS INCOME	0.00	0.00	0.00	1,947.08	1,947.08	0.00 %
111-4000-48430	GAIN/(LOSS) SALE OF CAP ASSETS	2,655,970.00	2,655,970.00	0.00	-276,384.36	-2,932,354.36	110.41 %
	Revenue Total:	7,353,131.00	7,353,131.00	628,944.29	1,623,671.58	-5,729,459.42	77.92%
Expense							
111-5611-51110	SALARIES	440,500.00	440,500.00	41,340.29	185,291.47	255,208.53	57.94 %
111-5611-51130	OVERTIME	0.00	0.00	0.00	871.40	-871.40	0.00 %
111-5611-51140	LONGEVITY PAY	1,200.00	1,200.00	0.00	1,092.00	108.00	9.00 %
111-5611-51310	TMRS	68,500.00	68,500.00	6,107.56	27,072.01	41,427.99	60.48 %
111-5611-51410	HOSPITAL & LIFE INSURANCE	81,000.00	81,000.00	5,091.50	30,028.94	50,971.06	62.93 %
111-5611-51420	LONG-TERM DISABILITY	1,600.00	1,600.00	117.00	292.50	1,307.50	81.72 %
111-5611-51440	FICA	27,000.00	27,000.00	2,427.10	10,748.83	16,251.17	60.19 %
111-5611-51450	MEDICARE	6,400.00	6,400.00	567.64	2,513.84	3,886.16	60.72 %
111-5611-51470	WORKERS COMP PREMIUM	2,100.00	2,100.00	0.00	1,137.35	962.65	45.84 %
111-5611-51480	UNEMPLOYMENT COMP (TWC)	1,600.00	1,600.00	4.87	47.84	1,552.16	97.01 %
111-5611-52010	OFFICE SUPPLIES	5,000.00	5,000.00	288.25	2,001.17	2,998.83	59.98 %
111-5611-52040	POSTAGE & FREIGHT	300.00	300.00	0.00	158.40	141.60	47.20 %
111-5611-52810	FOOD SUPPLIES	3,000.00	3,000.00	210.81	1,275.92	1,724.08	57.47 %
111-5611-54610	FURNITURE & FIXTURES	2,500.00	2,500.00	0.00	-193.05	2,693.05	107.72 %
111-5611-54810	COMPUTER HARD/SOFTWARE	7,650.00	7,650.00	0.00	2,299.98	5,350.02	69.93 %
111-5611-56030	INCENTIVES	1,929,250.00	1,929,250.00	0.00	350,000.00	1,579,250.00	81.86 %
111-5611-56040	SPECIAL SERVICES	37,270.00	37,270.00	157.50	1,040.00	36,230.00	97.21 %
111-5611-56041	SPECIAL SERVICES-REAL ESTATE	234,500.00	234,500.00	4,182.89	37,870.92	196,629.08	83.85 %
111-5611-56042	SPECIAL SERVICES-INFRASTRUCTURE	10,324,000.00	10,324,000.00	0.00	6,101.36	10,317,898.64	99.94 %
111-5611-56080	ADVERTISING	226,125.00	226,125.00	19,450.00	71,071.62	155,053.38	68.57 %
111-5611-56090	COMMUNITY DEVELOPMENT	64,950.00	64,950.00	331.51	22,432.17	42,517.83	65.46 %
111-5611-56110	COMMUNICATIONS	7,900.00	7,900.00	416.48	2,386.18	5,513.82	69.80 %
111-5611-56180	RENTAL	27,000.00	27,000.00	2,250.00	11,250.00	15,750.00	58.33 %
111-5611-56210	TRAVEL & TRAINING	73,000.00	73,000.00	8,284.15	34,903.14	38,096.86	52.19 %
111-5611-56250	DUES & SUBSCRIPTIONS	60,733.00	60,733.00	6,307.11	41,637.41	19,095.59	31.44 %
111-5611-56310	INSURANCE	6,800.00	6,800.00	303.00	5,653.11	1,146.89	16.87 %
111-5611-56510	AUDIT & LEGAL SERVICES	23,000.00	23,000.00	0.00	13,745.67	9,254.33	40.24 %
111-5611-56570	ENGINEERING/ARCHITECTURAL	530,175.00	530,175.00	11,777.00	204,098.20	326,076.80	61.50 %
111-5611-56610	UTILITIES-ELECTRIC	2,400.00	2,400.00	199.18	833.50	1,566.50	65.27 %
111-5611-57410	PRINCIPAL PAYMENT	600,096.00	600,096.00	25,405.27	272,455.23	327,640.77	54.60 %
111-5611-57415	INTEREST EXPENSE	631,902.00	631,902.00	21,534.58	287,816.97	344,085.03	54.45 %
111-5611-58110	LAND-PURCHASE PRICE	1,000,000.00	1,000,000.00	0.00	7,079.00	992,921.00	99.29 %
111-5611-58995	CONTRA CAPITAL OUTLAY	0.00	0.00	0.00	-7,079.00	7,079.00	0.00 %
	Expense Total:	16,427,451.00	16,427,451.00	156,753.69	1,627,934.08	14,799,516.92	90.09%
Fund: 111 - WYLIE ECONOMIC DEVEL CORP Surplus (Deficit):		-9,074,320.00	-9,074,320.00	472,190.60	-4,262.50	9,070,057.50	99.95%
Report Surplus (Deficit):		-9,074,320.00	-9,074,320.00	472,190.60	-4,262.50	9,070,057.50	99.95%

Budget Report

For Fiscal: 2023-2024 Period Ending: 03/31/2024

Group Summary

Account Typ...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance	
					Favorable (Unfavorable)	Percent Remaining
Fund: 111 - WYLIE ECONOMIC DEVEL CORP						
Revenue	7,353,131.00	7,353,131.00	628,944.29	1,623,671.58	-5,729,459.42	77.92%
Expense	16,427,451.00	16,427,451.00	156,753.69	1,627,934.08	14,799,516.92	90.09%
Fund: 111 - WYLIE ECONOMIC DEVEL CORP Surplus (Deficit):	-9,074,320.00	-9,074,320.00	472,190.60	-4,262.50	9,070,057.50	99.95%
Report Surplus (Deficit):	-9,074,320.00	-9,074,320.00	472,190.60	-4,262.50	9,070,057.50	99.95%

Budget Report

For Fiscal: 2023-2024 Period Ending: 03/31/2024

Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)
111 - WYLIE ECONOMIC DEVEL CO	-9,074,320.00	-9,074,320.00	472,190.60	-4,262.50	9,070,057.50
Report Surplus (Deficit):	-9,074,320.00	-9,074,320.00	472,190.60	-4,262.50	9,070,057.50

Wylie Economic Development Corporation
Statement of Net Position
As of March 31, 2024

Assets

Cash and cash equivalents	\$ 14,055,812.02	
Receivables	\$ 717,000.00	Note 1
Inventories	\$ 14,645,353.88	
Prepaid Items	<u>\$ -</u>	
Total Assets	<u>\$ 29,418,165.90</u>	

Deferred Outflows of Resources

Pensions	<u>\$ 114,336.55</u>
Total deferred outflows of resources	<u>\$ 114,336.55</u>

Liabilities

Accounts Payable and other current liabilities	\$ 18,147.36	
Unearned Revenue	\$ 1,200.00	Note 2
Non current liabilities:		
Due within one year	\$ 388,755.77	Note 3
Due in more than one year	<u>\$ 15,136,816.48</u>	
Total Liabilities	<u>\$ 15,544,919.61</u>	

Deferred Inflows of Resources

Pensions	<u>\$ (8,336.41)</u>
Total deferred inflows of resources	<u>\$ (8,336.41)</u>

Net Position

Net investment in capital assets	\$ -
Unrestricted	<u>\$ 13,979,246.43</u>
Total Net Position	<u>\$ 13,979,246.43</u>

Note 1: Includes incentives in the form of forgivable loans for \$67,000 (Glen Echo), \$450,000 (Phoenix Ascending), and \$200,000 (MLKJ)

Note 2: Deposits from rental property

Note 3: Liabilities due within one year includes compensated absences of \$32,301

Balance Sheet

Account Summary

As Of 03/31/2024

Account	Name	Balance
Fund: 111 - WYLIE ECONOMIC DEVEL CORP		
Assets		
111-1000-10110	CLAIM ON CASH AND CASH EQUIV.	14,053,812.02
111-1000-10115	CASH - WEDC - INWOOD	0.00
111-1000-10135	ESCROW	0.00
111-1000-10180	DEPOSITS	2,000.00
111-1000-10198	OTHER - MISC CLEARING	0.00
111-1000-10341	TEXPOOL	0.00
111-1000-10343	LOGIC	0.00
111-1000-10481	INTEREST RECEIVABLE	0.00
111-1000-11511	ACCTS REC - MISC	0.00
111-1000-11517	ACCTS REC - SALES TAX	0.00
111-1000-12810	LEASE PAYMENTS RECEIVABLE	0.00
111-1000-12950	LOAN PROCEEDS RECEIVABLE	0.00
111-1000-12996	LOAN RECEIVABLE	0.00
111-1000-12997	ACCTS REC - JTM TECH	0.00
111-1000-12998	ACCTS REC - FORGIVEABLE LOANS	717,000.00
111-1000-14112	INVENTORY - MATERIAL/ SUPPLY	0.00
111-1000-14116	INVENTORY - LAND & BUILDINGS	14,645,353.88
111-1000-14118	INVENTORY - BAYCO/ SANDEN BLVD	0.00
111-1000-14310	PREPAID EXPENSES - MISC	0.00
111-1000-14410	DEFERRED OUTFLOWS	1,818,500.00
	Total Assets:	31,236,665.90
		<u>31,236,665.90</u>
Liability		
111-2000-20110	FEDERAL INCOME TAX PAYABLE	0.00
111-2000-20111	MEDICARE PAYABLE	0.00
111-2000-20112	CHILD SUPPORT PAYABLE	0.00
111-2000-20113	CREDIT UNION PAYABLE	0.00
111-2000-20114	IRS LEVY PAYABLE	0.00
111-2000-20115	NATIONWIDE DEFERRED COMP	0.00
111-2000-20116	HEALTH INSUR PAY-EMPLOYEE	4,072.01
111-2000-20117	TMRS PAYABLE	8,865.80
111-2000-20118	ROTH IRA PAYABLE	0.00
111-2000-20119	WORKERS COMP PAYABLE	0.00
111-2000-20120	FICA PAYABLE	0.00
111-2000-20121	TEC PAYABLE	0.00
111-2000-20122	STUDENT LOAN LEVY PAYABLE	0.00
111-2000-20123	ALIMONY PAYABLE	0.00
111-2000-20124	BANKRUPTCY PAYABLE	0.00
111-2000-20125	VALIC DEFERRED COMP	0.00
111-2000-20126	ICMA PAYABLE	0.00
111-2000-20127	EMP. LEGAL SERVICES PAYABLE	0.00
111-2000-20130	FLEXIBLE SPENDING ACCOUNT	5,062.38
111-2000-20131	EDWARD JONES DEFERRED COMP	0.00
111-2000-20132	EMP CARE FLITE	12.00
111-2000-20133	Unemployment Comp Payable	42.85
111-2000-20151	ACCRUED WAGES PAYABLE	0.00
111-2000-20180	ADDIT EMPLOYEE INSUR PAY	92.32
111-2000-20199	MISC PAYROLL PAYABLE	0.00
111-2000-20201	AP PENDING	0.00
111-2000-20210	ACCOUNTS PAYABLE	0.00
111-2000-20530	PROPERTY TAXES PAYABLE	0.00
111-2000-20540	NOTES PAYABLE	1,818,500.00
111-2000-20810	DUE TO GENERAL FUND	0.00

Balance Sheet

As Of 03/31/2024

Account	Name	Balance
111-2000-22270	DEFERRED INFLOW	0.00
111-2000-22275	DEF INFLOW - LEASE PRINCIPAL	0.00
111-2000-22280	DEFERRED INFLOW - LEASE INT	0.00
111-2000-22915	RENTAL DEPOSITS	1,200.00
	Total Liability:	1,837,847.36
Equity		
111-3000-34110	FUND BALANCE - RESERVED	0.00
111-3000-34590	FUND BALANCE-UNRESERV/UNDESIG	29,403,081.04
	Total Beginning Equity:	29,403,081.04
Total Revenue		1,623,671.58
Total Expense		1,627,934.08
Revenues Over/Under Expenses		-4,262.50
	Total Equity and Current Surplus (Deficit):	29,398,818.54
	Total Liabilities, Equity and Current Surplus (Deficit):	<u>31,236,665.90</u>

Balance Sheet

As Of 03/31/2024

Account	Name	Balance
Fund: 922 - GEN LONG TERM DEBT (WEDC)		
Assets		
	Total Assets:	0.00
		<u>0.00</u>
Liability		
922-2000-28248	GOVCAP LOAN/SERIES 2022	7,556,077.29
	Total Liability:	7,556,077.29
	Total Equity and Current Surplus (Deficit):	0.00
	Total Liabilities, Equity and Current Surplus (Deficit):	<u>7,556,077.29</u>
	*** FUND 922 OUT OF BALANCE ***	-7,556,077.29

***Warning: Account Authorization is turned on. Please run the Unauthorized Account Listing Report to see if you are out of balance due to missing accounts ***

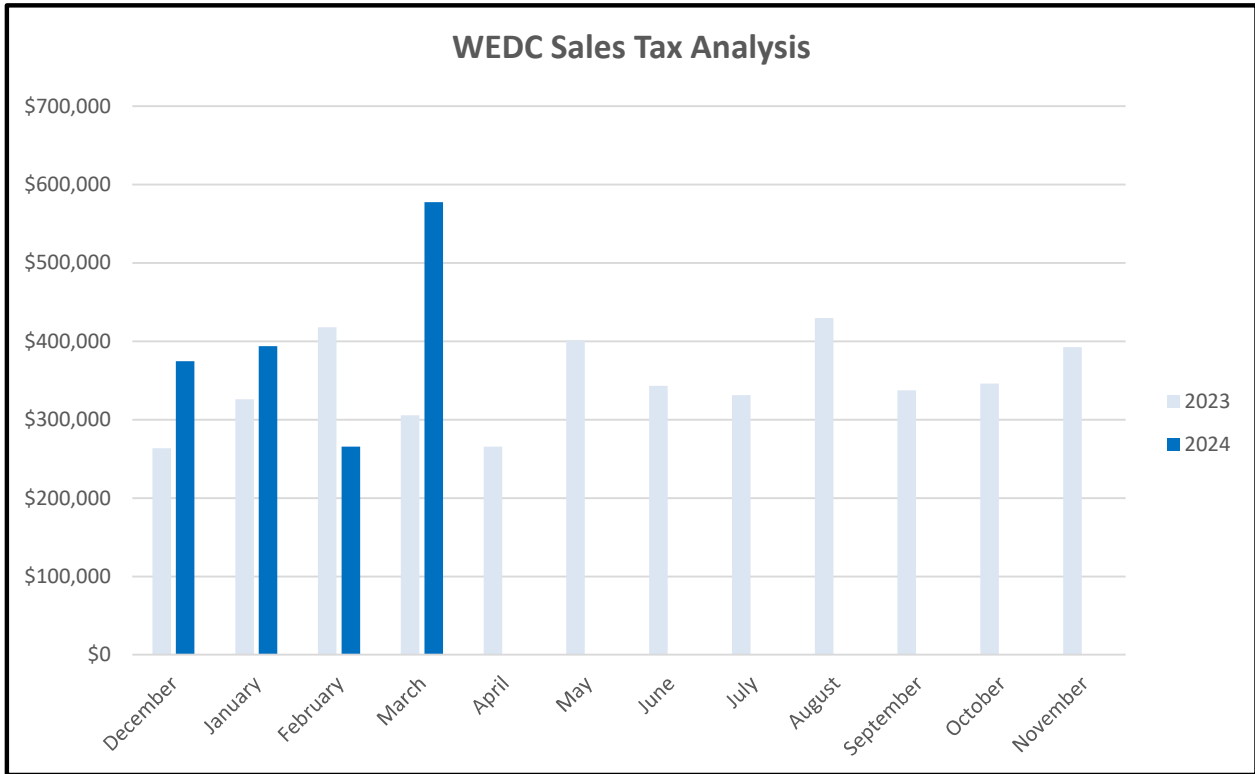
Wylie Economic Development Corporation

SALES TAX REPORT

March 31, 2024

BUDGETED YEAR

MONTH	FY 2021	FY 2022	FY 2023	FY 2024	DIFF 23 vs. 24	% DIFF 23 vs. 24
DECEMBER	\$ 235,381.33	\$ 263,577.66	\$ 338,726.54	\$ 374,686.38	\$ 35,959.83	10.62%
JANUARY	\$ 262,263.52	\$ 326,207.92	\$ 368,377.73	\$ 393,994.39	\$ 25,616.67	6.95%
FEBRUARY	\$ 456,571.35	\$ 417,896.79	\$ 480,381.11	\$ 265,491.94	\$ (214,889.17)	-44.73%
MARCH	\$ 257,187.91	\$ 305,605.50	\$ 313,686.17	\$ 577,757.71	\$ 264,071.54	84.18%
APRIL	\$ 221,881.55	\$ 265,773.80	\$ 310,050.94	\$ -		
MAY	\$ 400,371.70	\$ 401,180.20	\$ 434,878.33	\$ -		
JUNE	\$ 290,586.92	\$ 343,371.26	\$ 330,236.89	\$ -		
JULY	\$ 314,559.10	\$ 331,432.86	\$ 379,162.00	\$ -		
AUGUST	\$ 390,790.76	\$ 429,696.16	\$ 448,253.70	\$ -		
SEPTEMBER	\$ 307,681.15	\$ 337,512.61	\$ 371,880.65	\$ -		
OCTOBER	\$ 326,382.38	\$ 346,236.36	\$ 377,466.67	\$ -		
NOVEMBER	\$ 411,813.32	\$ 392,790.84	\$ 458,694.91	\$ -		
Sub-Total	\$ 3,875,470.98	\$ 4,161,281.96	\$ 4,611,795.64	\$ 1,611,930.42	\$ 110,758.87	14.26%
Total	\$ 3,875,470.98	\$ 4,161,281.96	\$ 4,611,795.64	\$ 1,611,930.42	\$ 110,758.87	14.26%



*** Sales Tax collections typically take 2 months to be reflected as Revenue. SlsTx receipts are then accrued back 2 months.
 Example: March SlsTx Revenue is actually January SlsTx and is therefore the 4th allocation in FY24.

Wylie Economic Development Corporation

PERFORMANCE AGREEMENT REPORT

March 31, 2024

PERFORMANCE AGREEMENTS	TOTAL INCENTIVE	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	REMAINING AFTER CURRENT FY	PREVIOUS FY PAYMENTS	TOTAL INCENTIVE	
LUV-ROS	\$ 10,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000.00	\$ 10,000.00	A
AMERICAN ENTITLEMENTS II	\$ 35,000.00	\$ 25,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	\$ 10,000.00	\$ -	\$ 35,000.00	
NORTH DALLAS WYLIE LAND	\$ 120,000.00	\$ 20,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000.00	\$ 120,000.00	
AXL	\$ 65,000.00	\$ 9,250.00	\$ 9,250.00	\$ -	\$ -	\$ -	\$ 9,250.00	\$ 46,500.00	\$ 65,000.00	
GLEN ECHO BREWING	\$ 100,000.00	\$ 50,000.00	\$ 30,000.00	\$ 20,000.00	\$ -	\$ -	\$ 50,000.00	\$ -	\$ 100,000.00	B
MLKJ	\$ 80,000.00	\$ -	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ 80,000.00	\$ -	\$ 80,000.00	C
CLF II LI WYLIE (LOVETT)	\$ 1,300,000.00	\$ 650,000.00	\$ 650,000.00	\$ -	\$ -	\$ -	\$ 650,000.00	\$ -	\$ 1,300,000.00	
DEANAN/DANK	\$ 30,000.00	\$ 15,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000.00	\$ 30,000.00	
FIREWATER	\$ 300,000.00	\$ 100,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000.00	\$ 300,000.00	
PHOENIX ASCENDING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	D
SANDEN INTERNATIONAL	\$ 500,000.00	\$ 300,000.00	\$ 200,000.00	\$ -	\$ -	\$ -	\$ 200,000.00	\$ -	\$ 500,000.00	
	<u>\$ 2,540,000.00</u>	<u>\$ 1,169,250.00</u>	<u>\$ 939,250.00</u>	<u>\$ 60,000.00</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 999,250.00</u>	<u>\$ 371,500.00</u>	<u>\$ 2,540,000.00</u>	

Deferred Out Flow \$ 1,818,500.00

- A. Performance Agreement (\$10,000) and Forgivable Land Grant (\$60,000 forgiven over 3 years). \$20,000/year in 2022, 2023, & 2024.
- B. Performance Agreement (\$100,000) and Forgivable Land Grant (\$100,000 forgiven over 3 years). \$33,000 CO, \$33,000 in 2025, and \$34,000 in 2026.
- C. Performance Agreement (\$80,000) and Forgivable Land Grant (\$200,000 forgiven over 3 years). \$50,000 CO & \$50,000/year in 2025, 2026, & 2027.
- D. Forgivable Land Grant (\$450,000 forgiven over 4 years). \$112,500 CO & \$112,500/year in 2026, 2027, & 2028.

Wylie Economic Development Corporation

Inventory Subledger (Land)
March 31, 2024

	Property	Purchase Date	Address	Acreage	SF	Improvements	Cost Basis	Sub-totals
Cooper St.	McMasters	7/12/05	709 Cooper	0.4750	20691	\$ - n/a	\$ 202,045.00	
	Heath	12/28/05	706 Cooper	0.4640	20212	\$ 32,005.00 3,625	\$ 186,934.22	
	Perry	9/13/06	707 Cooper	0.4910	21388	\$ - n/a	\$ 200,224.00	
	Bowland/Anderson	10/9/07	Cooper Dr.	0.3720	16204	\$ - n/a	\$ 106,418.50	
	Duel Products	9/7/12	704 Cooper Dr.	0.5000	21780	\$ - n/a	\$ 127,452.03	
	Randack	10/23/12	711-713 Cooper Dr.	1.0890	47437	\$ 217,500.00 8,880	\$ 400,334.00	
	Lot 2R3	7/24/14	Cooper Dr.	0.9500	41382	\$ - n/a	\$ 29,056.00	\$ 1,252,463.75
Regency Dr.	Regency Pk.	6/4/10	25 Steel Road	0.6502	28323	\$ - n/a	\$ 25,170.77	
	Steel/Hooper	12/29/22	Lot 2R Helmberger Industrial Park	3.6885	160671	n/a	\$ 345,441.57	\$ 370,612.34
544 Gateway (Lot 6 Sold)	Lot 1	Replat 1/23	544 Gateway Addition	1.5010	65384	65,384	\$ 703,528.75	
	Lot 2	Replat 1/23	545 Gateway Addition	1.4830	64599	64,599	\$ 695,092.03	
	Lot 3	Replat 1/23	546 Gateway Addition	1.2440	54189	54,189	\$ 583,071.13	All Calculated at \$10.76/SF
	Lot 4	Replat 1/23	547 Gateway Addition	1.1830	51531	51,531	\$ 554,480.02	
	Lot 5	Replat 1/23	548 Gateway Addition	2.8740	125191	125,191	\$ 1,347,063.04	
	Lot 6	Replat 1/23	549 Gateway Addition	3.0000	130680	130,680	\$ 1,406,120.09	
	Lot 7	Replat 1/23	550 Gateway Addition	0.9310	40554	40,554	\$ 436,365.93	\$ 5,725,721.00
Downtown	Heath	3/17/14	104 N. Jackson	0.1720	7492	\$ - n/a	\$ 220,034.00	
	Udoh	2/12/14	109 Marble	0.1700	7405	\$ - n/a	\$ 70,330.00	
	Peddicord	12/12/14	100 W. Oak St	0.3481	15163	\$ 155,984.00 4,444	\$ 486,032.00	
	City Lot	12/12/14	108/110 Jackson	0.3479	15155	\$ - n/a		
	Pawn Shop/All The Rave	1/7/22	104 S. Ballard	0.0860	3746	\$ 5,420.00 1,885	\$ 475,441.20	
	FBC Lot	6/15/16	111 N. Ballard St	0.2000	8712	\$ - n/a	\$ 150,964.00	
	FFA Village	1/7/18	102. N. Birmingham	0.1700	7405	\$ - n/a	\$ 99,804.00	
	Boyd	7/28/21	103 S. Ballard	0.0760	3311	\$ 49,231.00 n/a	\$ 328,792.20	
	Keefer	10/27/21	401 N Keefer Dr	0.4890	21301	\$ 83,084.00 n/a	\$ 237,951.39	
	Parupia	8/19/22	200 W Brown	0.0770	3354	\$ - n/a	\$ 159,325.57	
	UP Lot	9/30/22	UP Lot	0.4760	20735	\$ - 832	\$ 82,126.92	
	Brothers JV	2/26/19	306 & 308 N. 2nd Street	0.3770	16422	\$ - n/a	\$ 145,923.04	
	Pulliam	2/27/19	300 N. 2nd Street	0.2570	11195	\$ 122,764.00 1,364	\$ 218,472.20	
	Swayze	4/18/19	208 N. 2nd Street	0.2580	11238	\$ - n/a	\$ 187,501.40	
Swayze	5/9/19	204 N. 2nd Street	0.2580	11238	\$ - n/a	\$ 187,658.20		
Kreymer	10/9/19	302 N. 2nd Street	0.1290	5619	\$ 72,609.00 1,386	\$ 187,941.76	\$ 3,238,297.88	
South Ballard	Birmingham Trust	6/3/15	505 - 607 S. Ballard	1.1190	48744	\$ - n/a	\$ 409,390.00	
	Murphy	3/7/19	701 S. Ballard	0.2000	8712	\$ 115,724.00 1,312	\$ 172,487.04	
	Marlow	3/31/22	305 S. Ballard	0.1865	8125	\$ - 1,008	\$ 186,154.60	
	Braley	7/22/19	503 S. Ballard	0.2558	11142	\$ - n/a	\$ 177,397.96	\$ 945,429.60
Brown & 78	Turner	12/5/18	504 E. Brown	1.0220	44518	\$ - n/a	\$ 308,179.81	
	Wallace	12/18/18	502 E. Brown	0.1870	8146	\$ 24,637.00 n/a	\$ 204,775.58	
	Karan	12/28/18	300 E. Brown	2.3866	103960	\$ - n/a	\$ 1,250,391.20	
	O'Donald	1/7/19	410 E. Brown	0.1870	8146	\$ 64,421.00 n/a	\$ 177,043.75	
	Weatherford	2/12/19	303 Marble	2.1740	94699	\$ - n/a	\$ 757,488.00	
	KCS	11/22/19	Hwy 78 Frontage	2.5363	110481	\$ - n/a	\$ 674,110.20	
	City of Wylie	5/14/20	ROW Purchase/Alleys	1.8800	81893	\$ - n/a	\$ 81,713.00	
	Collin County	5/7/20	SWC Hwy 78 & Marble	0.3590	15638	\$ - n/a	\$ 75,964.20	
	Collin County	5/7/20	414 S. 2nd Street (NWC Hwy 78 &	1.2260	53405	\$ - n/a	\$ 296,152.20	
	TxDOT	2/21/21	SWC Hwy 78 & Brown	0.2209	9622	\$ - n/a	\$ 78,540.00	\$ 3,904,357.94
Total				38.7268		\$ 943,379.00 556,865	\$ 15,436,882.51	\$ 15,436,882.51



Wylie City Council

AGENDA REPORT

Department: Finance
Prepared By: Melissa Brown

Account Code: _____

Subject

Consider, and act upon, the City of Wylie Monthly Revenue and Expenditure Report for March 31, 2024.

Recommendation

Motion to approve the Item as presented.

Discussion

The Finance Department has prepared the attached reports for the City Council as required by the City Charter.

CITY OF WYLIE

MONTHLY FINANCIAL REPORT

March 31, 2024

ACCOUNT DESCRIPTION	ANNUAL BUDGET 2023-2024	CURRENT MONTH ACTUAL 2023-2024	YTD ACTUAL 2023-2024	YTD ACTUAL AS A PERCENT OF BUDGET	Benchmark 50.00%
GENERAL FUND REVENUE SUMMARY					
TAXES	39,807,333	1,501,183	33,315,689	83.69%	A
FRANCHISE FEES	2,953,146	851,581	1,605,381	54.36%	B
LICENSES AND PERMITS	1,275,000	81,034	488,908	38.35%	C
INTERGOVERNMENTAL REV.	2,609,490	34,809	1,577,225	60.44%	
SERVICE FEES	4,343,203	462,778	2,159,200	49.71%	D
COURT FEES	340,000	29,457	159,922	47.04%	
INTEREST INCOME	1,526,221	154,722	705,356	46.22%	E
MISCELLANEOUS INCOME	260,807	19,449	98,519	37.77%	
OTHER FINANCING SOURCES	2,645,506	0	2,678,938	101.26%	F
REVENUES	55,760,706	3,135,013	42,789,139	76.74%	
USE OF FUND BALANCE	0	0	0	0.00%	
USE OF CARRY-FORWARD FUNDS	1,914,392	NA	NA	NA	G
TOTAL REVENUES	57,675,098	3,135,013	42,789,139	74.19%	
GENERAL FUND EXPENDITURE SUMMARY					
CITY COUNCIL	96,401	3,103	29,669	30.78%	
CITY MANAGER	1,319,397	103,057	623,274	47.24%	
CITY SECRETARY	424,452	70,146	227,081	53.50%	
CITY ATTORNEY	170,000	38,591	85,237	50.14%	
FINANCE	1,399,631	72,717	796,661	56.92%	H
FACILITIES	1,069,225	103,875	481,212	45.01%	
MUNICIPAL COURT	609,517	49,417	279,608	45.87%	
HUMAN RESOURCES	866,880	110,681	480,997	55.49%	
PURCHASING	329,321	22,420	165,704	50.32%	
INFORMATION TECHNOLOGY	2,243,720	135,678	1,312,983	58.52%	I
POLICE	14,196,132	988,004	6,095,922	42.94%	
FIRE	16,604,336	1,445,774	7,045,721	42.43%	
EMERGENCY COMMUNICATIONS	2,638,451	249,810	1,160,346	43.98%	
ANIMAL CONTROL	785,941	42,529	292,673	37.24%	
PLANNING	380,280	26,753	160,260	42.14%	
BUILDING INSPECTION	657,941	36,739	257,045	39.07%	
CODE ENFORCEMENT	222,680	13,670	88,969	39.95%	
STREETS	4,206,796	208,403	1,382,741	32.87%	
PARKS	2,844,493	162,717	1,061,931	37.33%	
LIBRARY	2,328,582	171,973	1,055,227	45.32%	
COMBINED SERVICES	5,217,922	339,162	2,217,311	42.49%	
TOTAL EXPENDITURES	58,612,099	4,395,220	25,300,572	43.17%	
REVENUES OVER/(UNDER) EXPENDITURES	-937,001	-1,260,206	17,488,568	31.02%	
A. Property Tax Collections for FY23-24 as of March 31, 2024 are 97.9%, in comparison to FY22-23 for the same time period of 97.6%. Sales tax is on a 2 month lag and only four months have been received. Sales Tax is up 7.38% compared to same time period in previous year.					
B. Franchise Fees: Most franchise fees are recognized quarterly with electric fees making up the majority.					
C. Building Permits are down 14% from FY 2023-24. Permits fluctuate monthly and are anticipated to meet budget for FY 2023-24.					
D. Service Fees: Trash fees are on a one month lag and only five months have been received. The remaining fees are from other seasonal fees.					
E. Interest Rates have remained relatively flat over the last few months. Fund Balance has decreased due to large transfers to capital funds.					
F. Yearly transfer from Utility Fund and insurance recoveries.					
G. Largest Carry Forward items: \$150,000 for PW/Community Services Software, \$288,000 for police and streets vehicles, \$338,840 for ambulance, \$119,102 for APX Mobile Radios, \$600,000 for Woodbridge/Hensley Traffic Signal.					
H. Annual audit and appraisal district fees					
I. Annual maintenance agreements					

CITY OF WYLIE

MONTHLY FINANCIAL REPORT

March 31, 2024

ACCOUNT DESCRIPTION	ANNUAL BUDGET 2023-2024	CURRENT MONTH ACTUAL 2023-2024	YTD ACTUAL 2023-2024	YTD ACTUAL AS A PERCENT OF BUDGET	Benchmark 50.00%
UTILITY FUND REVENUES SUMMARY					
SERVICE FEES	29,434,997	2,097,677	11,409,194	38.76%	J
INTEREST INCOME	719,896	107,068	620,655	86.21%	K
MISCELLANEOUS INCOME	70,000	111,183	122,728	175.33%	
OTHER FINANCING SOURCES				0.00%	
REVENUES	30,224,893	2,315,928	12,152,577	40.21%	
USE OF FUND BALANCE	0	NA	0	0	
USE OF CARRY-FORWARD FUNDS	1,449,523	NA	NA	NA	L
TOTAL REVENUES	31,674,416	NA	12,152,577	38.37%	
UTILITY FUND EXPENDITURE SUMMARY					
UTILITY ADMINISTRATION	660,340	44,056	206,816	31.32%	
UTILITIES - WATER	3,927,313	188,578	1,065,390	27.13%	
CITY ENGINEER	1,361,043	83,603	509,326	37.42%	
UTILITIES - SEWER	1,588,719	75,696	625,185	39.35%	
UTILITY BILLING	1,510,513	81,873	567,817	37.59%	
COMBINED SERVICES	20,218,615	219	9,918,912	49.06%	M
TOTAL EXPENDITURES	29,266,543	474,026	12,893,446	44.06%	
REVENUES OVER/(UNDER) EXPENDITURES	2,407,872	1,841,902	-740,870	-5.69%	
J. Most Utility Fund Revenue is on a one month lag and only five months have been received.					
K. Interest Rates have remained relatively flat over the last few months. Fund Balance has increased.					
L. Largest Carry Forward items: PW/Community Services Software \$135,730, Lead and Copper Revision \$150,964, Water Pump Station Backup Generators \$736,937 and Dogwood Drive Waterline Replacement \$100,000.					
M. Annual transfer to the General Fund and debt payments made in February.					



Wylie City Council

AGENDA REPORT

Department: Finance

Account Code: _____

Prepared By: Melissa Brown

Subject

Consider, and place on file, the City of Wylie Monthly Investment Report for March 31, 2024.

Recommendation

Motion to approve the Item as presented.

Discussion

The Finance Department has prepared the attached reports for the City Council as required by the City Charter.

City Of Wylie

2023-2024 Investment Report March 31, 2024

Money Market Accounts:	MMA
Certificates of Deposit:	CCD
Treasury Bills:	T-Bills
Treasury Notes:	T-Notes
Government Agency Notes:	AN

Invest. Number	Principal Amount	Type Of Security	Interest Rate	Issuer	Purchase Date	Maturity Date
1	\$16,668,236.76	MMA	5.3161%	Texpool	12/31/2006	NA
2	\$17,247,609.85	MMA	5.2986%	TexStar	3/15/2011	NA
	\$33,915,846.61					

Total

Weighted Average Coupon:	5.3072%	Money Markets:	\$33,915,846.61
Weighted Average Maturity (Days):	1.00	Certificates of Deposits:	\$0.00
			\$33,915,846.61



Melanie Brown 4-18-24
 Finance Director/Investment Officer



Wylie City Council

AGENDA REPORT

Department: City Manager
Prepared By: Stephanie Storm

Account Code: _____

Subject

Consider, and act upon, the appointment of a board member to the North Texas Municipal Water District (NTMWD) Board to fill an expired term of June 1, 2024 to May 31, 2026.

Recommendation

A motion to appoint _____ to the North Texas Municipal Water District (NTMWD) Board of Directors for a term to begin June 1, 2024 and end May 31, 2026.

Discussion

The Board of Directors of the North Texas Municipal Water District is a policy making body similar in nature to the City Council. The Board is responsible to both the State of Texas and to the member Cities for assuring that NTMWD operations occur in accordance with state and federal law, in alignment with NTMWD policy, and in the best interests of the Cities receiving services.

In accordance with the statute creating the District (Article 8280-141), the qualifications of a director include the following: “No person shall be appointed a Director unless he resides in the city from which he is appointed. No member of a governing body of a city and no employee of a city shall be appointed as a Director.” Under other state law, no other government official that receives compensation could be appointed.

NTMWD’s existing Board (13-member cities) is comprised of individuals who have worked to represent their communities in other capacities and who have a solid understanding of municipal concerns to share with other Directors. Historically, Directors have dedicated from 10 to 30 years of service to the Board, thereby gaining experience and contributing the necessary leadership. This provides the maximum benefit in order to assure the city’s needs are met in the most effective manner. All NTMWD programs provide service based on cost to serve, with all cities provided equal treatment. Therefore, NTMWD policy established by the Board of Directors affects cost, performance, and quality of service.

The City of Wylie has two board members on the NTMWD Board; Mr. Marvin Fuller whose term expires May 31, 2024 and Mr. Keith Stephens whose term expires May 31, 2025.



March 8, 2024

Mr. Brent Parker, City Manager
City of Wylie
300 Country Club Road
Wylie, Texas 75098

Re: NTMWD Board Member Appointment

Dear Mr. Parker:

The current term of office for some of the Directors of the North Texas Municipal Water District (NTMWD) Board will end in May. Please accept this as your official notification that Mr. Marvin Fuller's current term as an NTMWD Board Director will expire on May 31, 2024. The City Council has the option to either reappoint Mr. Fuller or appoint a new Director to serve the term from June 1, 2024, to May 31, 2026.

The NTMWD is thankful for the effort and dedication Mr. Fuller has provided to the District and the Region. He was appointed by the City of Wylie in 1996 and is currently the second longest tenured Director serving on the Board. Mr. Fuller has been a leader on the Board serving as President, Vice President, and Secretary. He currently serves on the Policy and Water Committees and is Chair of the Legislative Committee.

In accordance with the statute creating the District (Article 8280-141), the qualifications of a Director include the following: "No person shall be appointed a Director unless he resides in and owns taxable property in the city from which he is appointed. No member of a governing body of a city, and no employee of a city, shall be appointed as a Director." Under other state law, no other public official that receives compensation could be appointed. A list of roles and responsibilities of an NTMWD Board member is enclosed for reference.

Mr. Brent Parker
March 8, 2024
Page 2

Please notify my office in writing once the City Council has appointed a Director for the new term. Should you have any questions or need additional information, please do not hesitate to contact my office.

Sincerely,



JENNAFER P. COVINGTON

Executive Director

JPC/sks
Enclosure

cc: Mr. Marvin Fuller
Ms. Stephanie Storm, City Secretary



NTMWD BOARD OF DIRECTORS ROLES AND RESPONSIBILITIES

The North Texas Municipal Water District (NTMWD) Board of Directors serves as the governing body of NTMWD. The Board of Directors guides the NTMWD towards a sustainable future by adopting sound governance and financial management policies and ensuring adequate resources to meet the region's needs. The Board has a responsibility to provide guidance to management and staff and ensure operations run smoothly and in accordance with the law. Some specific responsibilities of the Board of Directors include:

- Establish and support the NTMWD mission and purpose
- Select and evaluate the Executive Director/General Manager
- Set policies and ensure effective planning
- Ensure adequate financial resources
- Monitor and strengthen essential programs and services
- Protect assets and provide proper financial oversight
- Ensure legal and ethical integrity
- Enhance the organization's public standing

The Board of Directors meet monthly, typically on the 4th Thursday of each month with adjustments made for holidays or other conflicts. Meetings are held at 2:30 p.m. in the boardroom located in the administration building of our Wylie Campus (501 E. Brown St. Wylie, Tx. 75098).

Directors serve on at least one Operations committee and one Administrative committee.

Administrative committees are typically held on the 2nd Wednesday of the month beginning at 1:00 p.m. These committees are:

- Executive
- Finance
- Legislative
- Personnel
- Policy

Operations committees are typically held the 4th Wednesday of the month beginning at 1:00 p.m. as well. These committees are:

- Real Estate
- Solid Waste
- Wastewater
- Water

The District currently utilizes a mixed approach structure (In person/Videoconference) to our meetings based on the meeting type:

- Board Meetings – director attendance *in person* except for mobility and health limitations.
- Committee Meetings – only Committee Chair or Board President is present at the NTMWD office, with the remaining committee members and other Board members attending via *videoconference*.

The Board of Directors also meet in Special Work Sessions for long-term planning as well as on an as-needed basis for other purposes.

Each director serves a two-year term, and the appointments are staggered so that each year, one of the two directors is up for reappointment or replacement.

Each director will receive a fee of \$150 for each day the director spends performing the duties of a director, including participating in board and committee meetings, other activities involving substantive deliberation of District business, and pertinent educational programs, but not more than \$7200 will be paid to any director in one calendar year.

Over the course of 2023, there were 129 different meetings or events where members of our Board of Directors participated. A majority of these consisted of board meetings, committee meetings and work sessions. Additionally, many directors represented NTMWD at City Council or Civic functions, meetings with legislators, open houses, and Board enrichment activities.



Wylie City Council

AGENDA REPORT

Department: Planning
Prepared By: Jasen Haskins

Account Code: _____

Subject

Tabled from 03-12-2024

Remove from table and consider

Continue a Public Hearing, consider, and act upon, the writing of an ordinance for a change in zoning from Planned Development 2020-27 (PD 2020-27) to Planned Development (PD) on 20.433 acres. Property located from 2535-2701 S. State Highway 78 (ZC 2023-20).

Recommendation

Motion to table as requested.

Discussion

OWNER: CL Blackbeard Holdco LLC

APPLICANT: Wild Land Development Consulting

The applicant is requesting this item be re-tabled as they continue to work toward addressing Council comments and concerns.

Council can choose to either accept the applicants request or accept/deny/deny with prejudice, the application as presented.

PREVIOUS REPORT

The applicant is requesting to amend Planned Development 2020-27 on 20.433 acres to allow for modified development standards for a commercial and multi-family development. The property is located from 2535-2701 S. State Highway 78. The current zoning is Planned Development 2020-27.

The original Planned Development was approved by the City Council in April 2020. The purpose of this Planned Development is to amend the development conditions and zoning exhibit. This proposal is being requested by the new property owners of the commercial and multifamily tract. As part of the proposal, the new owners are requesting that the commercial space be amended to just include the land with visible frontage along SH 78. Additionally, the multi-family tract has been amended to remove such components as the multi-story parking garage, helicopter pad, and rooftop restaurants.

Due to these requested amendments, the Planned Development amendment allows for 250 multi-family units, an increase of 100 units from the originally approved Planned Development. The new unit count represents a density of approximately 21.5 units per acre. Due to the open space for amenities, such as the dog park, the requested density is less than other 3-story suburban style complexes that typically run 24-30 units per acre. The Zoning Ordinance limits units per acre to 15, based on a 2-story garden style complex. Of the 250 requested unit maximum, the number of 3-bedroom units is limited to eight (8).

The maximum height allowed for the multifamily development shall be 60' (3 stories). Two parking spaces shall be required per unit. The applicant is requesting that tandem parking be allowed and shall count as ½ space if the space is 10' wide by 20' long.

The development standards shall require for the property owner of the Commercial and Multi-Family development to complete all necessary construction for the commercial lots prior or concurrently with the Multi-Family Development. Necessary infrastructure shall include required utilities, access drives, fire lanes, perimeter landscaping/sidewalks, including a pedestrian bridge along SH 78 and Maxwell Creek.

In this revised PD, the concurrency requirements for the Townhome tract are separated from the rest of the development as the tracts are no longer owned by the same companies. However, there are still requirements for the groundwork of the commercial construction to be completed before the apartments are completed.

The adjacent property to the east contains apartments within the city of Sachse. The property to the south contains a golf course. The property to the north is undeveloped and is zoned Agricultural. The property to the west is undeveloped and is zoned Multi-Family. The subject property lies within the Regional Commercial sector of the Comprehensive Land Use Plan. The proposed zoning is compatible with the Plan.

Notices were sent to four property owners within 200 feet as required by state law. At the time of posting, no responses were received in favor or in protest of the request.

If zoning is approved, preliminary plats, final plats and site plans shall be required for the entire development.

P&Z Recommendation

The Commissioners discussed the apartment density being more. Staff noted that it's more than the Ordinance currently allows (15/acre), but with the proposed open space within the development, the 21 units per acre is under the 24-30/acre usually asked for in these types of developments. The Commissioners also asked about the commercial tenants and the developer stated they were working with the EDC to fill the spaces as quickly as possible. Lastly, the Commissioners asked for clarification on the concurrency requirements, which are explained above.

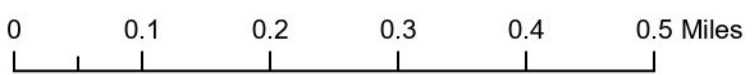
The Commission voted 6-0 to recommend approval.

Locator Map



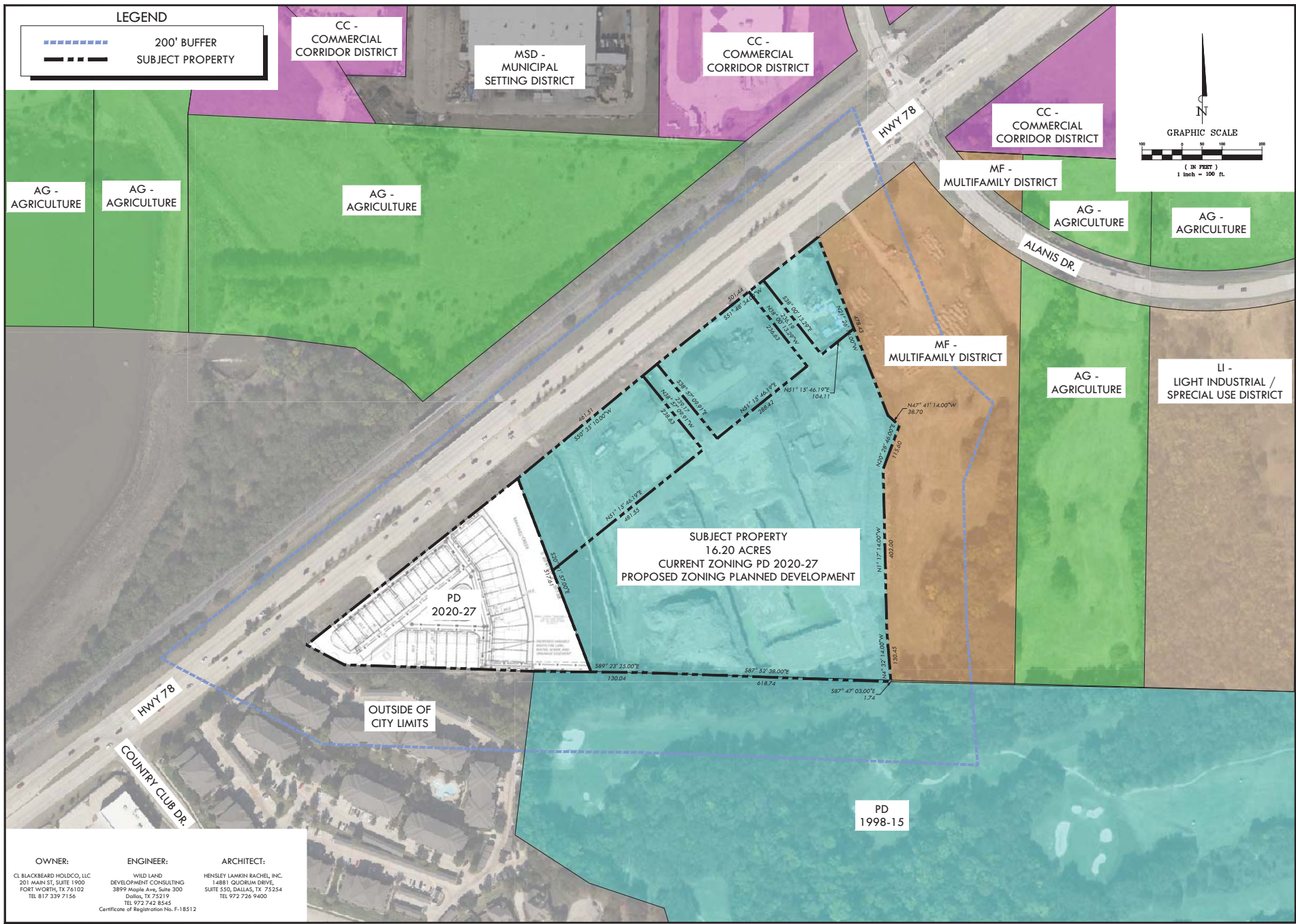
ZONING CASE:
ZC 2023-20

 SUBJECT property



Date: 1/25/2024





LEGEND

----- 200' BUFFER

----- SUBJECT PROPERTY

CC -
COMMERCIAL
CORRIDOR DISTRICT

MSD -
MUNICIPAL
SETTING DISTRICT

CC -
COMMERCIAL
CORRIDOR DISTRICT

CC -
COMMERCIAL
CORRIDOR DISTRICT

MF -
MULTIFAMILY DISTRICT

AG -
AGRICULTURE

AG -
AGRICULTURE

AG -
AGRICULTURE

AG -
AGRICULTURE

AG -
AGRICULTURE

MF -
MULTIFAMILY DISTRICT

AG -
AGRICULTURE

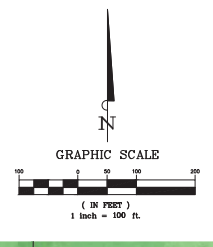
LI -
LIGHT INDUSTRIAL /
SPECIAL USE DISTRICT

SUBJECT PROPERTY
16.20 ACRES
CURRENT ZONING PD 2020-27
PROPOSED ZONING PLANNED DEVELOPMENT

PD
2020-27

OUTSIDE OF
CITY LIMITS

PD
1998-15



**WILD LAND
DEVELOPMENT
CONSULTING**
3899 Maple Ave., Suite 300
Dallas, TX 75219
Certificate of Registration No. F-18512

THIS DRAWING IS TO BE USED FOR EXHIBIT PURPOSES ONLY

CRESTLINE

ZONING EXHIBIT

Project Number
01014-001

Date: 12/13/2023

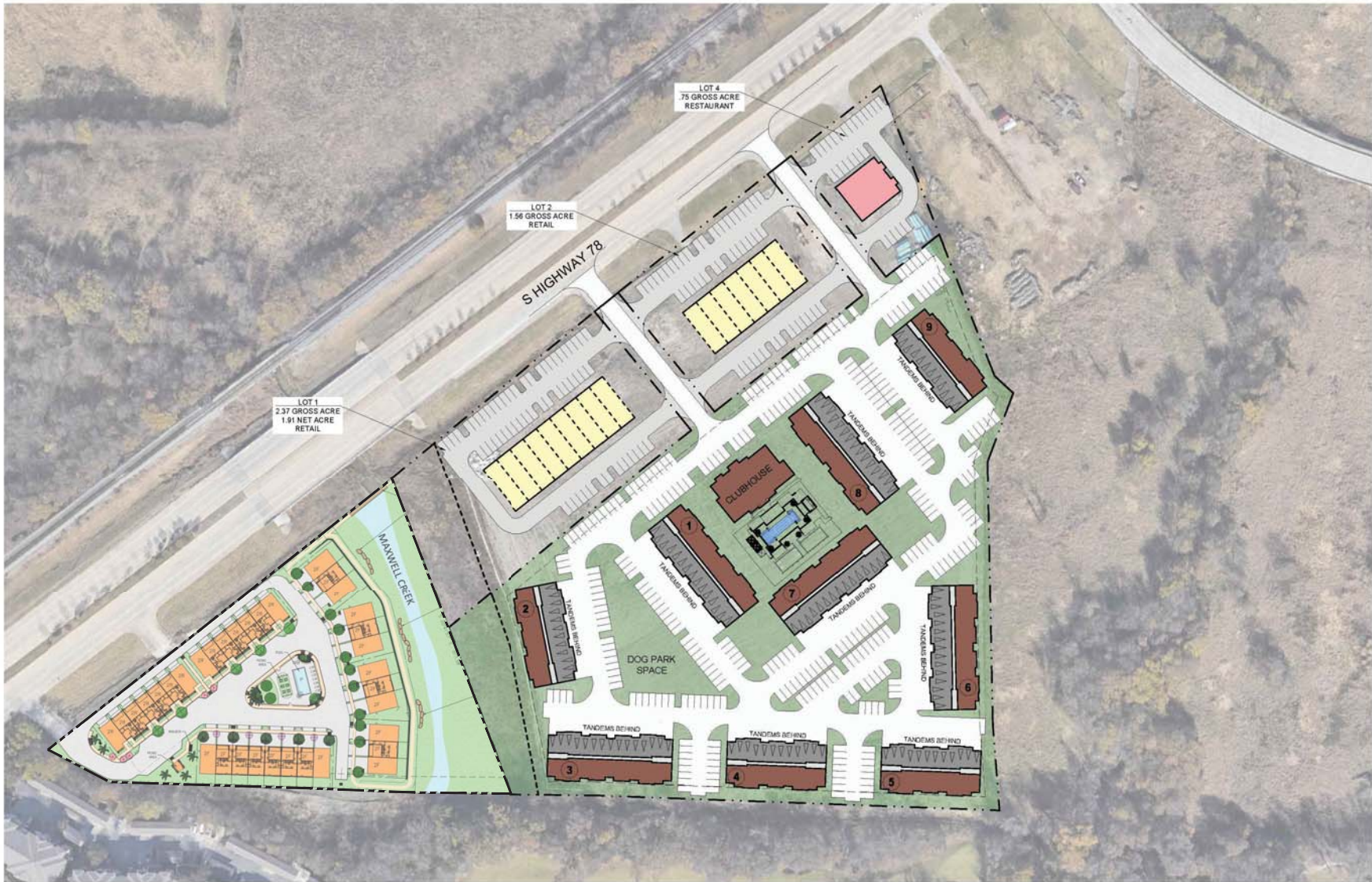
EXHIBIT

DRAWN BY: C. LAMKIN, CHECKED BY: R. RACHEL, DATE: 12/13/2023
PROJECT: 01014-001, SHEET: 01 OF 02, TITLE: ZONING EXHIBIT, SCALE: AS SHOWN, DATE: 12/13/2023
PROJECT: 01014-001, SHEET: 01 OF 02, TITLE: ZONING EXHIBIT, SCALE: AS SHOWN, DATE: 12/13/2023

OWNER:
CL BLACKBEARD HOLDCO, LLC
201 MAIN ST, SUITE 1900
FORT WORTH, TX 76102
TEL 817 339 7156

ENGINEER:
WILD LAND
DEVELOPMENT CONSULTING
3899 Maple Ave., Suite 300
Dallas, TX 75219
TEL 972 742 8545
Certificate of Registration No. F-18512

ARCHITECT:
HENSLEY LAMKIN RACHEL, INC.
14881 QUORUM DRIVE,
SUITE 550, DALLAS, TX 75254
TEL 972 726 9400



SITE DATA

SITE LOCATION
WYLIE, TX

STRUCTURE
3 STORY GARDEN APARTMENTS

SITE DENSITY
GROSS SITE AREA +/- 11.59 GROSS ACRES
TOTAL UNITS 250
PROPOSED DENSITY +/- 21.57 UNITS/GROSS AC

UNIT MIX

TYPE OF UNIT	# OF UNITS	TOTAL %
ONE BEDROOM	135	54%
TWO BEDROOM	115	46%
TOTAL	250	100%
NUMBER OF BEDS	365	
ONE BED SF AVG	805	
TWO BED SF AVG	1190	
TOTAL UNIT SF AVG	982	

MINIMUM PARKING REQUIRED

TYPE OF UNIT	SPACES/UNIT	TOTAL
ONE BEDROOM	2	270
TWO BEDROOM	2	230
TOTAL		500

PARKING PROVIDED

SURFACE		315
TANDEMS	(123 TOTAL)	62 COUNTED
GARAGES		123
TOTAL	2 SP/UN	500

COMMERCIAL

LOT 1 RETAIL SF		18,500
REQ. PARKING	1/400 SP/SF	46 SP
PARKING PROVIDED		60 SP
LOT 3 RETAIL SF		14,400
REQ. PARKING	1/400 SP/SF	36 SP
PARKING PROVIDED		51 SP
LOT 4 RESTAURANT SF		4950
REQ. PARKING	1/150 SP/SF	33 SP
PARKING PROVIDED		26 SP

NOTE:
THIS PLAN IS CONCEPTUAL IN NATURE
AND MAY HAVE BEEN PRODUCED
WITHOUT THE USE OF A SURVEY, OR
CONTACT WITH THE CITY OR COUNTY,



 **DENSITY STUDY**
SCALE: 1:150

#23355

**WYLIE
WYLIE, TX**
01.10.2023

PLANNED DEVELOPMENT STANDARDS
EXHIBIT “C”
SILVERLAKE STATION

I. PURPOSE:

The purpose of this Planned Development is to provide development standards for a mixed use development that will provide concurrent development of commercial and residential uses.

II. DEVELOPMENT SCHEDULE:

The owner of Tract 2 property shall complete or cause completion of construction of all necessary infrastructure on Lots 1, 2, and 4 prior to or concurrently with any multi-family development on Lot 3. Necessary infrastructure shall include required utilities, access drives, fire lanes, perimeter landscaping/sidewalks, including a pedestrian bridge along SH 78 over Maxwell Creek. Parking, permanent signage and interior landscaping shall be constructed in conjunction with vertical construction on the commercial lots.

III. GENERAL CONDITIONS:

1. This Planned Development District shall not affect any rules or regulations within the City of Wylie Zoning Ordinance, Subdivision Regulations, or Code of Ordinances, as of February 29, 2024, except as specifically provided herein.
2. The development shall be in general conformance with Exhibit “B” (Zoning Exhibit). Should the City Planner, through their sole decision, or the Planning and Zoning Commission, through a majority vote, decide that any other plans, including but limited to, site plans, plats, or civil plans, do not generally conform with the Zoning Exhibit, those plans shall constitute a new zoning case.
3. The landscaping shall be a cumulative minimum 25% landscape coverage of all lots (excluding Maxwell Creek green space measured between the retaining walls).

IV. COMMERCIAL SPECIAL CONDITIONS:

1. The following uses as defined in the Comprehensive Zoning Ordinance as of the date of Planned Development adoption shall be prohibited:
 - a. Sexually Oriented Business
 - b. Equipment Rental
 - c. Automobile Rental
 - d. Automobile Repair Minor
 - e. Car Wash
 - f. Vehicle Display, Sales or Service
 - g. Smoke Shop
 - h. Smoking Establishments

- i. Any and all uses listed under Sections 5.2.H and 5.2.I of the Zoning Ordinance.
- 2. Lots 1, 2, and 4 shall allow drive-thru restaurants by-right. The commercial development may have drive-through speakers within 75' of multi-family use.

V. MULTI-FAMILY SPECIAL CONDITIONS:

- 1. The maximum height allowed for the multi-family development shall be 60' (3 stories).
- 2. The maximum number of multi-family units shall not exceed 250 units.
- 3. Two parking spaces per unit shall be required. Tandem Parking (the apron in front of a garage door of a tuck under garage in a multi-family building) shall count for ½ space if the space is 10' wide by 20' long.

VI. RESIDENTIAL TOWNHOME DESIGN STANDARDS:

- 1. The 4.165 acres called out as Tract 1 of Planned Development Ordinance 2020-27 shall be amended to remove the development schedule requirements for development of the Townhome Units due to the property of the Silverlake Station commercial and multi-family tracts no longer being part of the current approved Planned Development of 'The District'
- 2. All regulations of the Townhouse District set forth in Article 3.3 of the Comprehensive Zoning Ordinance shall apply to Tract 1 except as specifically provided herein:

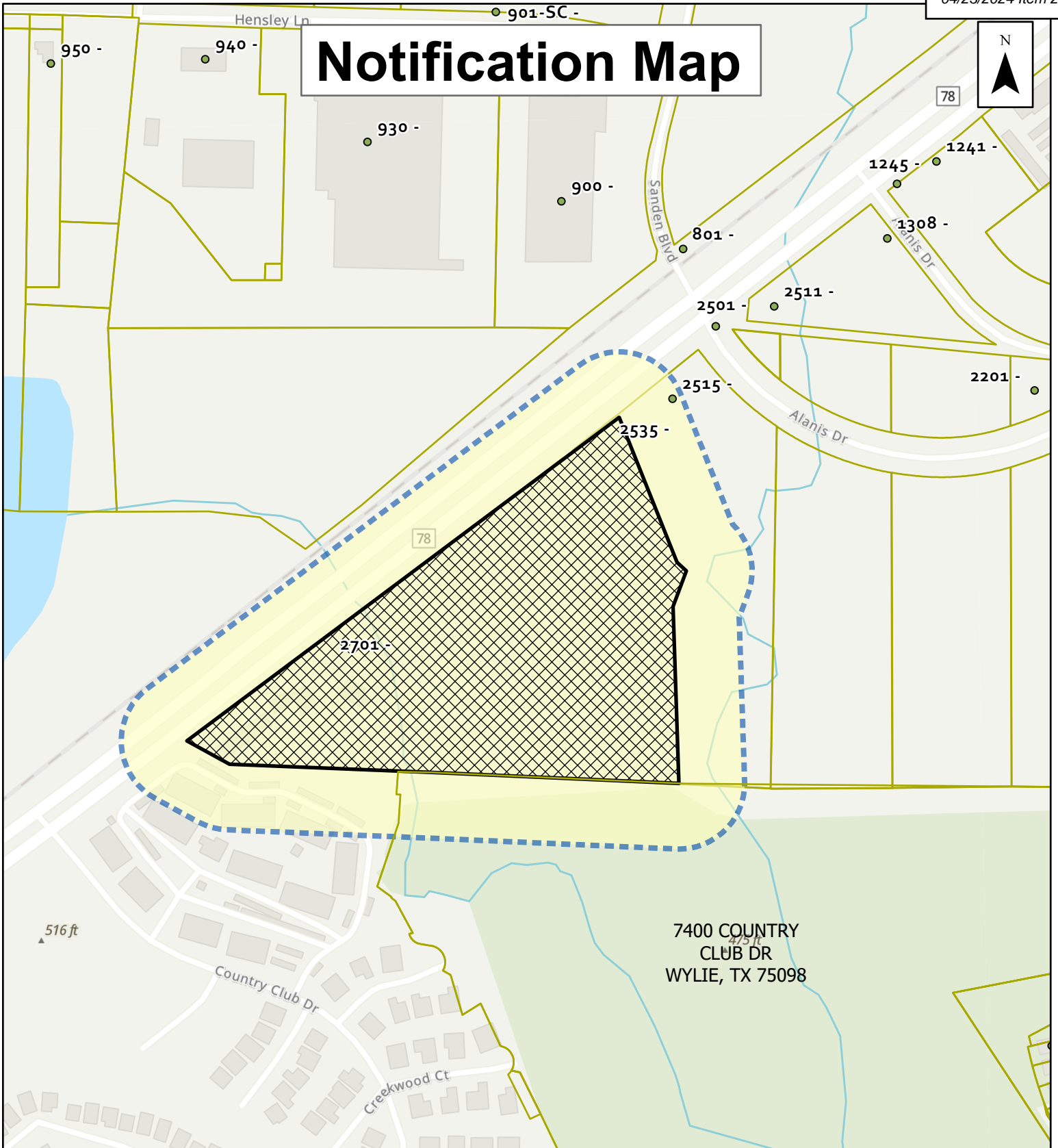
Figure 7-1 Tract 1 4.16 Acres Townhomes	
Lot Size	Min of 1,495 SF on Rear Entry Units, 1,875 SF on Front Entry
Lot Width	23'
Lot Depth	66'
Corner Lot	15'
Minimum Rear Yard	10'
Minimum Front Yard	11'
Building Articulation	15%, 1 st Floor: 25% Max
Max. Roof Pitch	6:12
Repetition of Floor Plan	14 same sides with color variation
Minimum Dwelling Area	1,403 Square feet excludes garage

- 3. The following uses as defined in the June 2023 Comprehensive Zoning Ordinance shall be allowed:
 - a. Single Family Dwelling Attached
 - b. Community Park (Public)
 - c. Neighborhood Park or Playground
- 4. Site Plans and Plats
 - a. A landscape plan shall be provided in conjunction with the preliminary plat. The landscape plan shall require City approval including open space approval by the City of Wylie Park Board. The plan shall comprehensively address edge treatments, perimeter screening, and individual townhouse landscape design. The



Developer shall coordinate with the City on the selection of type, style location, and size of all landscape improvements, including but not limited to plants, trees, mulch, irrigation, and benches.

5. The maximum number of townhomes in Townhome Community (Tract 1) shall be 34 Townhomes.
6. A masonry and wrought iron perimeter screen shall be provided along the property adjacent to State Highway 78 as generally shown on Exhibit F.
7. Entry Features: Architectural features shall be stone, brick, and wrought iron screening wall monuments.
8. Signage at Community Entrance: Illuminated community identification shall be incorporated into a stone screening wall or monument at the Community entrance. The sign shall be illuminated by means other than streetlights. Landscaping and upright towers for the Community entrance signage shall be constructed to generally conform to those shown in Exhibit F.
9. Sidewalk Locations: Five- foot sidewalks shall be provided within the property. Primary walkway paving shall be enhanced using earth -tone colored concrete (stain mixed, not applied after), stamped/ pattern concrete, aggregate or brick/ paver stone at a minimum of 7. 5 feet every 75 feet.
10. Sidewalk Lighting: Decorative street pole lighting shall be provided throughout the Community. The Developer shall pay for the installation including electrical connections. Operation and maintenance shall transfer to the HOA thereafter.
11. Mailboxes: Shall be located in a dedicated area as required by the United States Postal Service. Mailboxes shall be of a uniform style selected by the Developer and shall be stylistically consistent with the Townhomes Community.
12. A minimum of 15% of the land within the Townhome tract shall be used as Open Space as shown on Exhibit.
 - a. The swimming pool/grill open space area will be owned and maintained by the homeowners' association (the HOA).
13. Maintenance of all open space shall be the responsibility of the Developer until it is turned over to the Homeowners Association (HOA). Developer will be the contact entity with the City for all concerns regarding the maintenance of open space until 100% of HOA control is turned over to the homeowners.
14. Water and sanitary sewer will be extended by the Developer to the site, per the Annexation Services Agreement (City of Wylie Ordinance 2020-17) and to Texas Department of Transportation and/ or City of Wylie standards.
15. Roof pitches shall be a maximum of 6: 12 for main gables and hips. Dormer roofs and roofs over porches may have a lesser pitch.
16. Roofing materials shall be architectural grade overlap architectural shingles, metal, or composite Spanish roof tile and other roof appearances shall match the color of the roof.
17. Garage doors shall be carriage style in appearance.
18. Landscaping: Sodded front yards must be provided with a minimum of one - three- inch caliper trees. Landscaping shall also be provided along the primary walkway to any home. When automated, subsurface irrigation systems are provided, rain sensors shall be installed and operational.


Notification Map



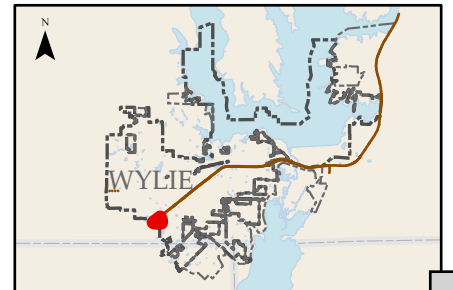
ZONING CASE:
ZC 2023-20

 SUBJECT property
  200 foot Notification Buffer
  Parcel Lines

0 200 400 600 800 1,000 Feet




Date: 1/25/2024





Wylie City Council

AGENDA REPORT

Department: Planning
Prepared By: Jasen Haskins

Account Code: _____

Subject

Tabled from 04-09-2024

Remove from table and consider

Consider, and act upon, Ordinance No. 2024-10 for a change in zoning from Agricultural (AG/30) to a Planned Development with single family attached, single family detached, commercial development and open space on 25.037 acres. Property located near 605 Country Club Road (ZC 2023-18).

Recommendation

Motion to approve the Item as presented.

Discussion

On March 26, 2024 City Council approved the writing of an ordinance for a change in zoning from Agricultural (AG/30) to a Planned Development with single family attached, single family detached, commercial development, and open space on 25.037 acres. Property located near 605 Country Club Road (ZC 2023-18).

As part of the approval, Council stipulated that Commercial Building #2 be recessed from Country Club Road with the parking lot being on the frontage. That stipulation has been met and is shown on the amended zoning exhibit. Additionally, in response to general comments, the applicant has added a solid masonry wall and landscaping requirements to the clubhouse area along Country Club and lots bordering Presidential Estates. There is also lighting, noise, and lighting requirements for the Club House and courts.

At the April 9, 2024 City Council meeting, consideration of the ordinance was tabled as Council commented on the draft trip generation table, home builder identity, school district concerns, and two-story homes along the border with Presidential Estates. The applicant addressed the builder and ISD issue during the meeting. The applicant has since updated the draft trip table. Additionally, conditions have been added to the PD to only allow for either one-story homes or two-story homes with no windows or balconies above 10' along the north side of the property.

Final approval of Zoning Case 2023-18 requires the adoption of the Ordinance to amend the zoning accordingly in the Official Zoning map of the City; and providing a penalty clause, a repeal clause, a savings clause, a severability clause, and an effective date.

The subject ordinance allows for the rezoning. Exhibit A (Legal Description), Exhibit B (Zoning Exhibit), and Exhibit C (SUP Conditions) are included and made a part of this Ordinance.

The above described property shall be used only in the manner and for the purposes provided for in the Comprehensive Zoning Ordinance of the City, as amended herein by the granting of this zoning classification.

ORDINANCE NO. 2024-10

AN ORDINANCE OF THE CITY OF WYLIE, TEXAS, AMENDING THE COMPREHENSIVE ZONING ORDINANCE OF THE CITY OF WYLIE, AS HERETOFORE AMENDED, SO AS TO CHANGE THE ZONING ON THE HEREINAFTER DESCRIBED PROPERTY, ZONING CASE NUMBER 2023-18, FROM AGRICULTURAL (AG/30) TO PLANNED DEVELOPMENT (PD) TO ALLOW FOR SINGLE FAMILY ATTACHED, SINGLE FAMILY DETACHED, COMMERCIAL DEVELOPMENT, AND OPEN SPACE ON 25.037 ACRES; PROVIDING FOR A PENALTY FOR THE VIOLATION OF THIS ORDINANCE; PROVIDING FOR THE REPEAL OF ALL ORDINANCES IN CONFLICT; PROVIDING A SEVERABILITY CLAUSE; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Planning and Zoning Commission and the governing body of the City of Wylie, Texas, in compliance with the laws of the State of Texas with reference to the amendment of the Comprehensive Zoning Ordinance, have given the requisite notices by publication and otherwise, and after holding due hearings and affording a full and fair hearing to all property owners generally and to owners of the affected property, the governing body of the City is of the opinion and finds that the Comprehensive Zoning Ordinance and Map should be amended;

NOW, THEREFORE BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF WYLIE, TEXAS:

SECTION 1: That the Comprehensive Zoning Ordinance of the City of Wylie, Texas, be, and the same is hereby, amended by amending the Zoning Map of the City of Wylie, to give the hereinafter described property a new zoning classification of Planned Development (PD), said property being described in Exhibit A (Legal Description), hereto and made a part hereof for all purposes.

SECTION 2: That a Zoning Exhibit and PD Conditions are an integral component of the development of the property and are attached as Exhibit B and Exhibit C.

SECTION 3: That all ordinances of the City in conflict with the provisions of this ordinance be, and the same are hereby, repealed and all other ordinances of the City not in conflict with the provisions of this ordinance shall remain in full force and effect.

SECTION 4: That the above described property shall be used only in the manner and for the purposes provided for in the Comprehensive Zoning Ordinance of the City, as amended herein by the granting of this zoning classification.

SECTION 5: Any person, firm or corporation violating any of the provisions of this ordinance or the Comprehensive Zoning Ordinance, as amended hereby, commits an unlawful act and shall be subject to the general penalty provisions of Section 1.5 of the Zoning Ordinance, as the same now exists or is hereafter amended.

SECTION 6: Should any paragraph, sentence, subdivision, clause, phrase or section of this ordinance be adjudged or held to be unconstitutional, illegal or invalid, the same shall not affect the validity of this ordinance as a whole or any part or provision thereof, other than the part so declared to be invalid, illegal or unconstitutional, and shall not affect the validity of the Comprehensive Zoning Ordinance as a whole.

SECTION 7: This ordinance shall be in full force and effect from and after its adoption by the City Council and publication of its caption as the law and the City Charter provide in such cases.

SECTION 8: The repeal of any ordinance, or parts thereof, by the enactment of this Ordinance, shall not be construed as abandoning any action now pending under or by virtue of such ordinance; nor shall it have the effect of discontinuing, abating, modifying or altering any penalty accruing or to accrue, nor as effecting any rights of the municipality under any section or provisions of any ordinances at the time of passage of this ordinance.

DULY PASSED AND APPROVED by the City Council of the City of Wylie, Texas, this 23rd day of April, 2024.

Matthew Porter, Mayor

ATTEST:

Stephanie Storm, City Secretary

DATE OF PUBLICATION: May 1, 2024, in The Wylie News.

LEGAL DESCRIPTIONS:

BEING a 25.0372 acre tract situated in the George W. Gunnell Survey, Abstract No. 351, Collin County, Texas and being all of a tract of land described in a deed to Wylie Partners, LP as recorded in Instrument Number 20180530000658260 of the Official Public Records Collin County, Texas (O.P.R.C.C.T.), and all tract of land described in a deed to Abdul R. Khan and Abdul L. Khan, as recorded in Instrument Number 20150608000672830, (O.P.R.C.C.T.) and all of a tract of land described in a deed to Scott Residential, LLC as recorded in Instrument Number 20181105001376830, 20181106001376890 (O.P.R.C.C.T.) and all of a tract of land described in a deed to ALK Real Estate Investment, LLP, as recorded in Instrument Number 20170302000278350 (O.P.R.C.C.T.) and being more particularly described by metes and bounds as follows:

BEGINNING at a 1/2-inch iron rod set at the northeast corner of said Wylie Partners, LP, and the southeast corner of Presidential Estates, an addition to the City of Wylie as recored in Volume G, Page 174, Map Records of Collin County, Texas, and on the west right-of-way line of FM Highway No. 1378 (a variable width right-of-way), for a corner;

THENCE South 00 degrees 30 minutes 18 seconds East along the east line of said Wylie Partners, LP, and on the west right-of-way line of said FM Highway No. 1378, a distance of 210.17 feet to a 1/2-inch iron rod found at the southeast corner of said Wylie Partners, LP and the northeast corner of said Khan tract, and at the beginning of a curve to the right having a radius of 2937.97 feet and a chord bearing and distance of South 01 degrees 44 minutes 34 seconds West, 154.95 feet;

THENCE Along the east line of said Khan tract and the west right-of-way line of said FM Highway No. 1378, and along said curve to the right having a delta of 03 degrees 01 minutes 19 seconds and a arc length of 154.95 feet to a 1/2-inch iron rod set for corner

THENCE South 01 degrees 31 minutes 02 seconds West, along the east line of said Khan tract and the west right-of-way line of said FM Highway No. 1378, a distance of 109.32 feet to a 5/8-inch iron rod found with cap stamped "TXDOT", at the southeast corner of said Khan tract and the northeast corner of said ALK Real Estate Investment, LLP, tract and the beginning of a curve to the left having a radius of 3643.48 feet and a chord bearing and distance of South 00 degrees 44 minutes 09 seconds West, 198.68 feet;

THENCE along the east line of said ALK Real Estate Investment, LLP, tract and on the west right-of-way line of said FM Highway No. 1378 and along said curve to the left having a delta of 03 degrees 07 minutes 29 seconds, and an arc length of 198.71 feet to a 1/2-inch iron rod set at the southeast corner of said ALK Real Estate Investment, LLP, tract and the north line of a tract of land described in a deed to City of Wylie, as recorded in Instrument Number 98-0038017, (O.P.R.C.C.T.), for a corner;

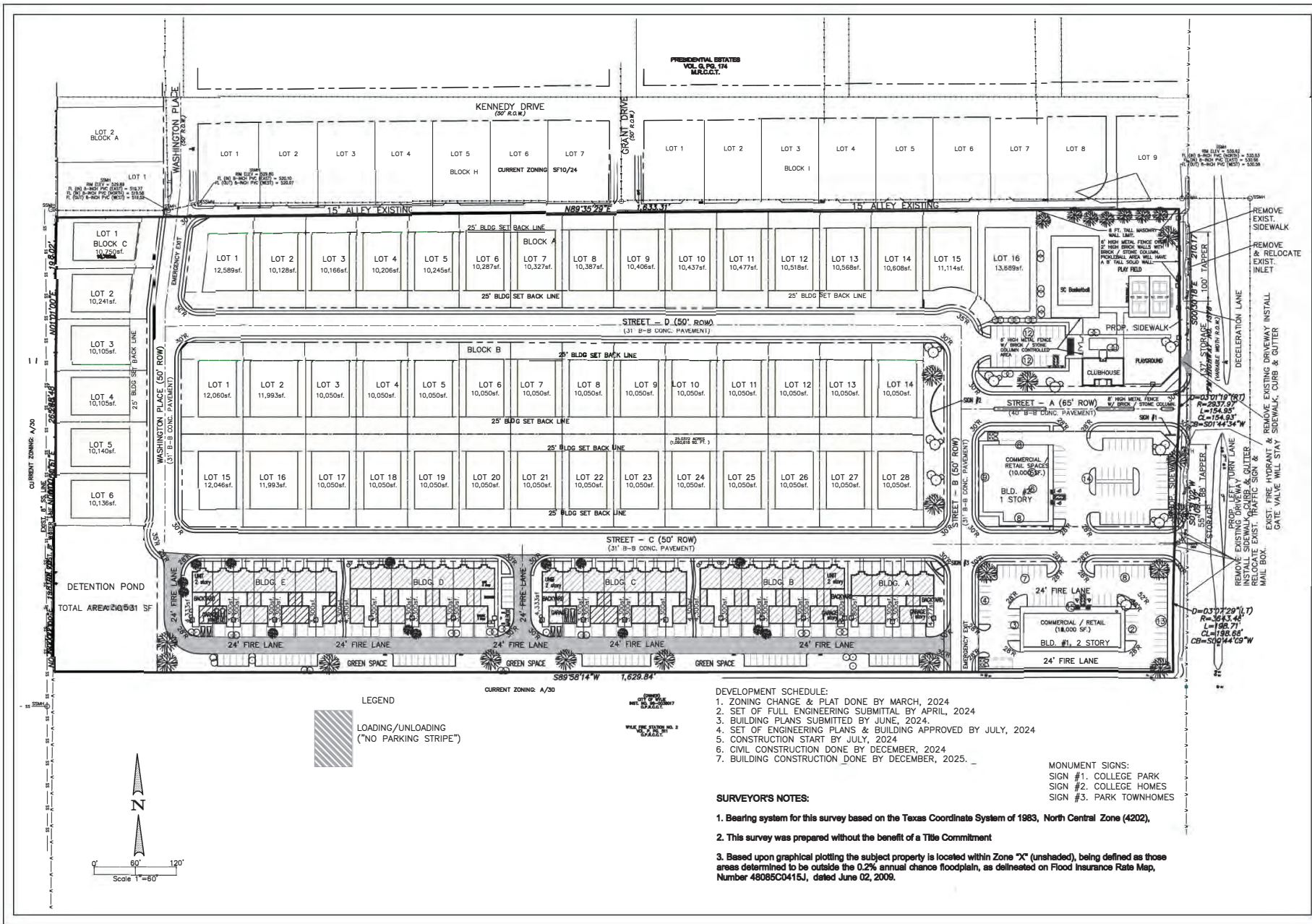
THENCE South 89 degrees 58 minutes 14 seconds West, along the south line of said ALK Real Estate Investment, LLP tract, and on the north line of said City of Wylie tract a distance of 1629.84 feet to a 1/2-iron rod found at the southwest corner of said ALK Real Estate Investment tract and the northwest corner of said City of Wylie tract, for a corner;

THENCE North 00 degrees 22 minutes 00 seconds East, along the west line of said ALK Real Estate Investment tract, a distance of 198.70 feet to a 3/8-inch iron rod found at the northwest corner of said ALK Real Estate Investment tract, and the southwest corner of said Scott Residential, LLC, for a corner;

THENCE North 00 degrees 00 minutes 51 seconds East, along the west line of said Scott Residential, LLC tract, a distance of 265.48 feet to a 3/8-inch iron rod found at the northwest corner of said Scott Residential, LLC tract, and the southwest corner of said Wylie Partners, LP tract, for a corner;

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THENCE North 89 degrees 35 minutes 29 seconds East, along the north line of said Wylie Partners, LP tract and the south line of said Presidential Estates, a distance of 1633.31 feet to the POINT OF BEGINNING AND CONTAINING 1,090,618 square feet or 25.0372 acres of land, more or less.



COLLEGE PARK
 GEORGE V. DANIEL, SURVEYOR, ABSTRACT NO. 351
 CITY OF NAIMI, COUNTY OF DALLAS, TEXAS
 AREA 25.04 ACRES
 DEVELOPER: SCOTT RESIDENTIAL, LLC
 CONTACT: DR. ABDUL LATIF KHAN
 RICHARDSON, TEXAS 75082
 PH: (469) 870 6020

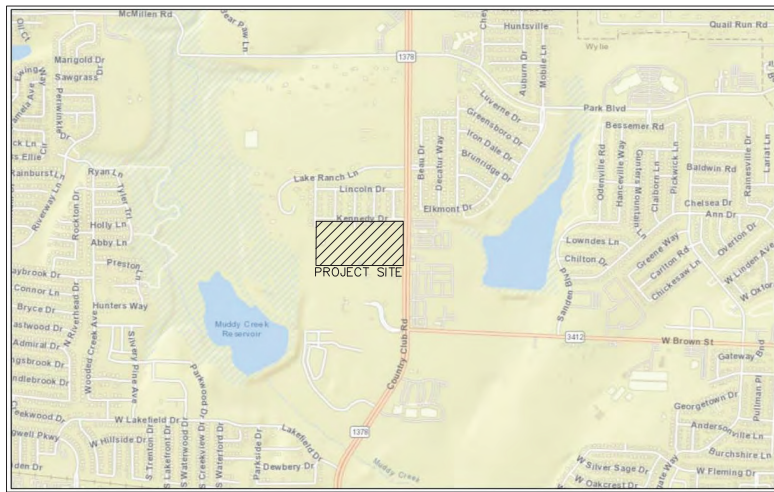
ND & Associates, LLC
 2105 Canyon Creek Drive
 Garland, Texas 75042
 PH: (214) 633 7181
 EMAIL: naim1207@yahoo.com
 FIRM # F - 13340

NO.	DATE	REVISION
1		
2		
3		
4		

Neil Naiman
 Neil Naiman, Surveyor
 No. 1207, Naimi, Texas 75082
 State of Texas
 My Commission Expires 12-31-2024
 I am a member of the National Society of Professional Surveyors
 and the Texas Society of Professional Surveyors
 My Surveying License No. 1207
 My Registration No. 1207

CONCEPT PLAN

DATE: 4/15/2024 SCALE: 1"=60'
 DRAWN: ND CHECKED BY: NK
 PROJECT: 765-WYL-23
 SHEET NO: C-1



VICINITY MAP
N.T.S.

605 Country Club Road, Wylie - Trip Generation (ITE Trip Generation Manual, 11th Edition)

ITE #	Use	Quantity	Weekday	AM Peak Hour			PM Peak Hour		
				Total	In	Out	Total	In	Out
210	Single-Family Detached Housing	50 Dwelling Units	533	40	10	30	52	33	19
215	Single-Family Attached Housing	32 Dwelling Units	193	11	3	8	15	9	6
822	Strip Retail Plaza (< 40K SF)	24,000 SF	1,242	51	30	21	145	73	72
Total:		24,000 SF, 82 Dwelling Units	1,968	102	43	59	212	115	97
Internal Capture (AM = 0%, PM = 25%):			--	0	0	0	52	26	26
Trips to Site:			--	102	43	59	160	89	71
Pass-by Trips (AM = 0%, PM = 14%):			--	0	0	0	22	11	11
New Trips to Site:			--	102	43	59	138	78	60

SITE DATA TABLE

	SF - 10/24 (SINGLE FAMILY)	TH (TOWNHOMES)	COMMUNITY COMMERCIAL	COMMON AREAS
TOTAL LAND AREA	14.5 ACRES	4.0 ACRES	2.2 ACRES	4.3 ACRES
TOTAL HOUSES	50	32	24,000 SF. BLDG.	
MIN. LOT AREA	10,000 SF.	3,300 SF.		
MIN. LOT WIDTH	75 FEET	30 FEET		
MIN. LOT DEPTH	100 FEET	110 FEET		
MAX. LOT COVERAGE	45%	60%		
MIN. DWELLING SIZE	2,400 SF.	1,200 SF.		
FRONT YARD	25 FEET MIN.	5 FEET MIN.		
SIDE YARD	10 FEET MIN.	0 FEET MIN.		
REAR YARD	25 FEET MIN.	20 FEET MIN.		
BUILDING HEIGHT	40 FEET	40 FEET	50 FEET	
2 CAR GARAGE AREA	500 SF.	500 SF.		

LEGAL DESCRIPTIONS:

BEING a 25.0372 acre tract situated in the George W. Gunnell Survey, Abstract No. 351, Collin County, Texas and being all of a tract of land described in a deed to Wylie Partners, LP as recorded in Instrument Number 2018053000658260 of the Official Public Records Collin County, Texas (O.P.R.C.C.T.), and all tract of land described in a deed to Abdul R. Khan and Abdul L. Khan, as recorded in Instrument Number 20150608000672890, (O.P.R.C.C.T.) and all of a tract of land described in a deed to Scott Residential, LLC as recorded in Instrument Number 201811050001376890, 201811060001376890 (O.P.R.C.C.T.) and all of a tract of land described in a deed to ALK Real Estate Investment, LLP, as recorded in Instrument Number 20170302000278350 (O.P.R.C.C.T.) and being more particularly described by metes and bounds as follows:

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GENERAL NOTES:

- ALL USES PERMITTED BY THE CITY OF WYLIE, TEXAS.
- ALL THE SURFACE MATERIALS OF PUBLIC ROADS, ACCESS DRIVEWAYS AND SIDEWALKS SHALL FOLLOW THE MINIMUM CITY STANDARDS & SPECIFICATIONS.
- FINAL STREET LAYOUT, LOT CONFIGURATIONS, DIMENSIONS & AREAS MAY VARY PROVIDING NO VARIANCES OF THE CITY OF WYLIE.
- LANDSCAPING SHALL COMPLY WITH THE CITY OF WYLIE, TEXAS.
- THERE WILL BE A 6 FT. TALL WOOD FENCES AT NORTH, SOUTH & WEST BOUNDARY. A 6 FT. TALL MASONRY WALL NORTH OF BASKETBALL & PLAY FIELD AREA. ALSO EAST OF PLAY FIELD, PICKLE BALL COURT & PLAYGROUND WALL HAVE 6" METSL FENCE OVER 2" BRICK WALL WITH BRICK / STONE COLUMNS.
- A HOMEOWNERS ASSOCIATION WILL BE FORMED TO MAINTAIN COMMON & EASEMENT AREAS AS PER THE CITY OF WYLIE.
- PLAY FIELD & PLAY GROUND ACTIVITIES WILL BE CLOSED FROM 10 PM TO 6 AM THROUGHOUT THE YEAR AS PER THE CITY REGULATIONS.
- NO BALCONY OR WINDOWS ON THE 2ND FLOOR FACING BACKSIDE ONLY.

DEVELOPER/OWNER & APPLICANT

SCOTT RESIDENTIAL, LLC
CONTACT: DR. ABDUL LATEEF KHAN
5411 KINGSTON DRIVE
RICHARDSON, TEXAS 75082
PH: (469) 870 6020

ARCHITECT

OCULUS ARCHITECTS, INC.
CONTACT: FOKRUDDIN KHONDAKER, AIA, NCARB
14310 RICH BRANCH DR.
NORTH POTOMAC, MD 20878

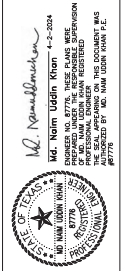
CIVIL ENGINEER

ND & ASSOCIATES, LLC
CONTACT: NAIM KHAN, P.E. CFM
603 CHERRY TREE LANE
WYLIE, TEXAS 75098
PH. 214.533.7181
E-MAIL: naim1207@yahoo.com

COLLEGE PARK
GEORGE W. GUNNELL SURVEY TRACT, NO. 351
CITY OF WYLIE, COLLIN COUNTY, TEXAS
AREA 2534 ACRES
DEVELOPER: SCOTT RESIDENTIAL, LLC
CONTACT: DR. ABDUL LATEEF KHAN
RICHARDSON, TEXAS 75082
PH: (469) 870 6020

ND & Associates, LLC
2105 Canyon Creek Drive
Garland, Texas 75042
PH: (214) 533 7181
EMAIL: naim1207@yahoo.com
FIRM # F - 13340

NO.	DATE	REVISION
1		
2		
3		
4		



SITE DATA

DATE:	4/15/2024	N.T.S.
TOWN:	ND	CREATED BY:
PROJECT:	788-WYL-23	CHKD BY:
SHEET NO:	C-2	

**PLANNED DEVELOPMENT STANDARDS
EXHIBIT “C”
COLLEGE PARK
2023-18-PD**

PURPOSE

College Park is a sustainable neighborhood with the intent to promote a gradual transition of single family detached residential living with a higher density townhouse community. The neighborhood is accompanied by open spaced amenities and a commercial retail component.

GENERAL CONDITIONS

1. This Planned Development District shall not affect any regulations within the Code of Ordinances, except as specifically provided herein.
2. A traffic Impact Analysis (TIA) shall be completed and accepted by the City prior to the final approval of a preliminary plat.
3. The development shall be required to have an Home Owners Association (HOA) in which the Covenants, Conditions, and Restrictions (CCRs) shall address clubhouse hours of operation, lighting, and noise rules that meet or exceed city standards at adoption. The CCRs shall be submitted to and accepted by the City prior to the approval of the preliminary plat.
4. In order to promote concurrence of development the following shall be required:
 - a. A preliminary plat for the entire site shall be submitted as one subdivision.
 - b. A minimum of 10,000 square feet of commercial space on one lot, along with all customary infrastructure requirements shall be completed and receive approval by the City, through a shell building certificate of occupancy, prior to the final inspection of any single family residence, except up to three model homes.
 - c. A minimum of 20,000 square feet of commercial space on two separate lots, along with all customary infrastructure requirements shall be completed and receive approval by the City, through a shell building certificate of occupancy, prior to the 40th single family residence final inspection.

SINGLE FAMILY DETACHED RESIDENTIAL

II. GENERAL CONDITIONS:

1. All regulations of the Single Family 10/24 set forth in Article 3, Section 3.2 of the Comprehensive Zoning Ordinance (adopted as of June 2023) shall apply except as specifically provided herein.
2. The development shall be in general conformance with Exhibit “B” (Zoning Exhibit).

A. SPECIAL CONDITIONS:

1. Maximum number of residential detached lots shall not exceed 50 lots.
2. Alleys shall not be required within the Single Family Detached tract of the Planned Development.
3. All homes within the community shall have front entry garages.
4. J-swing garage entries shall not be required.
5. All homes on the north side of Street D as shown on the exhibit (Lots 1-16, Block A) shall be one-story homes or if two story, shall not have windows or balconies on the second story or above 10'.
6. The second point of vehicular access into the development shall be located off the existing street of Washington Place to the north and shall be gate restricted for emergency access only.
7. A Homeowner's Association (HOA) shall be established that will be responsible for maintenance of all screening, HOA open space lots, HOA common areas, and landscaping within HOA areas.
 - a. A 8' high metal fence with brick columns shall be required for the community park.

TOWNHOUSE RESIDENTIAL

III. GENERAL CONDITIONS:

1. This Planned Development District shall not affect any regulations within the Code of Ordinances, except as specifically provided herein.
2. All regulations of the Townhouse District set forth in Article 3, Section 3.3 of the Comprehensive Zoning Ordinance (adopted as of June 2023) shall apply except as specifically provided herein.
3. The development shall be in general conformance with Exhibit "B" (Zoning Exhibit).

A. SPECIAL CONDITIONS:

1. Maximum number of townhouse lots shall not exceed 32 lots.
2. The Townhouse units shall have a front setback of 5' and shall provide rear entry vehicular access through a 24' wide alley which will also be used as a fire lane.
3. A Homeowner's Association (HOA) shall be established that will be responsible for maintenance of all HOA open space lots, HOA common areas, and landscaping within HOA areas.

COMMERCIAL

IV. GENERAL CONDITIONS:

1. This Planned Development District shall not affect any regulations within the Code of Ordinances, except as specifically provided herein.

2. All regulations of the Commercial Corridor District set forth in Article 4, Section 4.1.C of the Comprehensive Zoning Ordinance (adopted as of June 2023) shall apply except as specifically provided herein.
3. The development shall be in general conformance with Exhibit “B” (Zoning Exhibit).

A. SPECIAL CONDITIONS:

1. The following uses as defined in the June 2023 Comprehensive Zoning Ordinance shall be prohibited:
 - a. Sexually Oriented Business
 - b. Equipment Rental
 - c. Automobile Rental
 - d. Automobile Repair Minor
 - e. Car Wash
 - f. Vehicle Display, Sales or Service
 - g. Smoke Shop
 - h. Smoking Establishments
 - i. Any and all uses listed under Sections 5.2.H and 5.2.I of the Zoning Ordinance (adopted as of June 2023)



Wylie City Council

AGENDA REPORT

Department: Public Works **Account Code:** _____
Prepared By: Albert Garza

Subject

Hold a Public Hearing, consider, and act upon, Ordinance No. 2024-11 amending Wylie’s Code of Ordinances, Ordinance No. 2021-17, as amended, Chapter 114 (Utilities), Article IV (Water), Division 3 (Water Conservation Plan) repealing and adopting a New Water Conservation Plan to promote the responsible use of Water, requiring the filing of this ordinance and plan with the Texas Commission on Environmental Quality; providing for penalties for the violation of this ordinance; providing repealing, savings and severability clauses, an effective date and for the publication of the caption hereof.

Recommendation

Motion to approve the item as presented.

Discussion

The Texas Commission on Environmental Quality (TCEQ) requires certain entities to submit an updated Water Conservation Plan (WCP), Water Conservation Implementation Report (WCIR), and or Drought Contingency Plan (DCP) to the TCEQ every five years for review as required by Title 30 Texas Administrative Code (TAC) Chapter 288 by May 1, 2024.

The City of Wylie's updated WCP plans include the following:

- Five and ten-year conservation targets
- Appropriate Conservation measures
- The City of Wylie Utility Data Profile Update

Changes from Include from previous WCP

- Five and Ten Year Per Capita Use Goals - WCP (Section 3.0 Water Conservation Goals)

ORDINANCE NO. 2024-11

AN ORDINANCE OF THE CITY OF WYLIE, TEXAS, AMENDING WYLIE'S CODE OF ORDINANCES, ORDINANCE NO. 2021-17, AS AMENDED, CHAPTER 114 (UTILITIES), ARTICLE IV (WATER), DIVISION 3 (WATER CONSERVATION PLAN) REPEALING AND ADOPTING A NEW WATER CONSERVATION PLAN TO PROMOTE THE RESPONSIBLE USE OF WATER; REQUIRING THE FILING OF THIS ORDINANCE AND PLAN WITH THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY; PROVIDING FOR PENALTIES FOR THE VIOLATION OF THIS ORDINANCE; PROVIDING REPEALING, SAVINGS AND SEVERABILITY CLAUSES, AN EFFECTIVE DATE AND FOR THE PUBLICATION OF THE CAPTION HEREOF.

WHEREAS, the City Council of the City of Wylie, Texas ("City Council") previously adopted Ordinance No. 2019-09 of the City of Wylie, Texas ("Wylie"), codified as Division 3 (Water Conservation Plan) of Article IV (Water) of Chapter 114 (Utilities) of the Wylie Code of Ordinances, which established a Water Conservation Plan; and

WHEREAS, Wylie recognizes that the amount of water available to its water customers is 'limited and further recognizes the importance of a long-term water supply for its water customers; and

WHEREAS, Wylie recognizes that because of natural limitations, drought conditions, system failures and other acts of God which may occur, Wylie cannot guarantee an uninterrupted water supply for all purposes at all times; and

WHEREAS, the Texas Water Code and the regulations of the Texas Commission on Environmental Quality ("TCEQ") require that Wylie adopt a Water Conservation Plan; and

WHEREAS, Wylie has investigated and determined that it is an urgent need and in the best interest of the public to repeal the existing Water Conservation Plan and adopt a new Water Conservation Plan as set forth below; and

WHEREAS, pursuant to Chapter 54, TEX. LOC. GOV'T CODE, Wylie is authorized to adopt such Ordinances as are necessary to preserve and conserve its water resources; and

WHEREAS, the City Council has investigated and determined that it would be advantageous and beneficial to the citizens of Wylie to amend Wylie's Code of Ordinances, Ordinance No. 2021-17, as amended, Chapter 114 (Utilities), Article IV (Water), Division 3 (Water Conservation Plan), to replace the existing Water Conservation Plan and to adopt the North Texas Municipal Water District ("NTMWD") Model Water Conservation Plan, as modified for Wylie, as Wylie's official policy for the conservation of water; and

WHEREAS, the City Council has investigated and determined that the adoption of the Water Conservation Plan will be advantageous and beneficial to the citizens of Wylie and will protect the public health, safety, and welfare.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF WYLIE, TEXAS:

SECTION 1: Findings Incorporated. The findings set forth above are incorporated into the body of this Ordinance as if fully set forth herein.

SECTION 2. Amend Wylie’s Code of Ordinances, Ordinance No. 2021-17, as amended, Chapter 114 (Utilities), Article IV (Water), Division 3 (Water Conservation Plan). Ordinance No. 2019-09, codified as Division 3 (Water Conservation Plan) of Article IV (Water) of Chapter 114 (Utilities) of the Wylie Code of Ordinances, is hereby repealed in its entirety and replaced by this Ordinance. The effective date of the repeal discussed in this Section shall not occur until the effective date of this Ordinance, at which time Wylie’s Code of Ordinances, Ordinance No. 2021-17, as amended, Chapter 114 (Utilities), Article IV (Water), Division 3 (Water Conservation Plan) shall be repealed. Such repeal shall not abate any pending prosecution and/or lawsuit or prevent any prosecution and/or lawsuit from being commenced for any violation of Wylie’s Code of Ordinances, Ordinance No. 2021-17, as amended, Chapter 114 (Utilities), Article IV (Water), Division 3 (Water Conservation Plan) occurring before the effective date of this Ordinance.

SECTION 3: Water Conservation Plan Adopted. The City Council hereby approves and adopts the Water Conservation Plan, attached hereto as Exhibit A and incorporated herein by reference for all purposes. Wylie commits to implement the requirements and procedures set forth in the adopted Water Conservation Plan.

SECTION 4: Penalty. Any customer, as defined by 30 TEX. ADMIN. CODE Chapter 291, failing to comply with the provisions of the adopted Water Conservation Plan shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be fined a sum not exceeding TWO THOUSAND AND 00/100 DOLLARS (\$2,000.00) per day per occurrence and/or discontinuance of water service by Wylie. Proof of a culpable mental state is not required for a conviction of an offense under this section. Each day a customer fails to comply with the adopted Water Conservation Plan is a separate violation. Wylie’s authority to seek injunctive or other civil relief available under the law is not limited by this section. Wylie retains all legal rights and remedies available to it pursuant to local, state and federal law.

SECTION 5. Filing of Ordinance and Water Conservation Plan with the TCEQ. The City Manager or his designee is hereby directed to file one (1) copy of each of the adopted Water Conservation Plan and this Ordinance with the TCEQ in accordance with 30 TEX. ADMIN. CODE Chapter 288.

SECTION 6: Savings/Repealing. All provisions of any ordinance in conflict with this Ordinance are hereby repealed to the extent they are in conflict; but such repeal shall not abate any pending prosecution for violation of the repealed ordinance, nor shall the repeal prevent a prosecution from being commenced for any violation if occurring prior to the repeal of the ordinance. Any remaining portions of said ordinances shall remain in full force and effect.

SECTION 7: Severability. Should any section, subsection, sentence, clause or phrase of this Ordinance be declared unconstitutional and/or invalid by a court of competent jurisdiction, it is expressly provided that any and all remaining portions of this Ordinance shall remain in full force and effect. The City Council hereby declares that it would have passed this Ordinance, and each section, subsection, sentence, clause and/or phrase thereof, regardless of whether any one or more sections, subsections, sentences, clauses and/or phrases is declared unconstitutional and/ or invalid.

SECTION 8: Effective Date. This Ordinance shall become effective from and after its adoption and publication as required by law and the City Charter.

DULY PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF WYLIE, TEXAS, on this 23rd day of April, 2024.

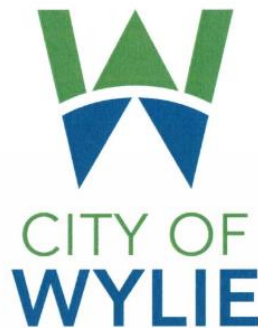
Matthew Porter, Mayor

ATTEST:

Stephanie Storm, City Secretary

Date of Publication: May 1, 2024 in *The Wylie News*

City of Wylie
2024 Water Conservation and
Water Resource and Emergency
Management Plan



Adopted on 4/23/2024

2024 Water Conservation and Water Resource and Emergency Management Plans

City of Wylie

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2024 Water Conservation and Water Resource and Emergency Management Plans

City of Wylie

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2024 Water Conservation and Water Resource and Emergency Management Plans

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APPENDICES

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2024 Water Conservation and Water Resource and Emergency Management Plans**City of Wylie****DEFINITIONS**

AQUATIC LIFE means a vertebrate organism dependent upon an aquatic environment to sustain its life.

ATHLETIC FIELD means a public sports competition field, the essential feature of which is turf grass, used primarily for organized sports practice, competition or exhibition events for schools, professional sports and league play sanctioned by the utility providing retail water supply.

BEST MANAGEMENT PRACTICES (BMPs) are voluntary efficiency measures that save a quantifiable amount of water, either directly or indirectly, and that can be implemented within a specific time frame.

COMMERCIAL VEHICLE WASH FACILITY means a permanently located business that washes vehicles or other mobile equipment with water or water-based products, including but not limited to self-service car washes, full-service car washes, roll-over/in-bay style car washes, and facilities managing vehicle fleets or vehicle inventory.

COMMERCIAL FACILITY means business or industrial buildings and the associated landscaping, but does not include the fairways, greens, or tees of a golf course.

CONSERVATION includes those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water, or increase the recycling and reuse of water so that a water supply is made available for future or alternative uses.

COOL SEASON GRASSES are varieties of turf grass that grow best in cool climates primarily in northern and central regions of the U.S. Cool season grasses include but are not limited to perennial and annual rye grass, Kentucky blue grass and fescues.

CUSTOMERS include those entities to whom NTMWD provides wholesale water that are not member cities of NTMWD.

DESIGNATED OUTDOOR WATER USE DAY means a day prescribed by a rule on which a person is permitted to irrigate outdoors.

DRIP IRRIGATION is a type of micro-irrigation system that operates at low pressure and delivers water in slow, small drips to individual plants or groups of plants through a network of plastic conduits and emitters; also called trickle irrigation.

DROUGHT, for the purposes of this report, means an extended period of time when an area receives insufficient amounts of rainfall to replenish the water supply, causing water supply sources (in this case reservoirs) to be depleted.

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ET/SMART CONTROLLERS are irrigation controllers that adjust their schedule and run times based on weather (ET) data. These controllers are designed to replace the amount of water lost to evapotranspiration.

EVAPOTRANSPIRATION (ET) represents the amount of water lost from plant material to evaporation and transpiration. The amount of ET can be estimated based on the temperature, wind, and relative humidity.

EXECUTIVE DIRECTOR means the Executive Director of NTMWD and includes a person the Executive Director has designated to administer or perform any task, duty, function, role, or action related to this Plan or on behalf of the Executive Director.

FOUNDATION WATERING means an application of water to the soils directly abutting (within 2 feet of) the foundation of a building or structure.

INTERACTIVE WATER FEATURES means water sprays, dancing water jets, waterfalls, dumping buckets, shooting water cannons, inflatable pools, temporary splash toys or pools, slip-n-slides, or splash pads that are maintained for recreation.

IRRIGATION SYSTEM means a permanently installed, custom-made, site-specific system of delivering water generally for landscape irrigation via a system of pipes or other conduits installed below ground.

LANDSCAPE means any plant material on a property, including any tree, shrub, vine, herb, flower, succulent, ground cover, grass or turf species, that is growing or has been planted out of doors.

MEMBER CITIES include the cities of Allen, Farmersville, Forney, Frisco, Garland, McKinney, Mesquite, Plano, Princeton, Richardson, Rockwall, Royse City, and Wylie, Texas, which are members of NTMWD.

MUNICIPAL USE means the use of potable water provided by a public water supplier as well as the use of treated wastewater effluent for residential, commercial, industrial, agricultural, institutional, and wholesale uses.

NEW LANDSCAPE means: (a) vegetation installed at the time of the construction of a residential or commercial facility; (b) installed as part of a governmental entity's capital improvement project; or (c) installed to stabilize an area disturbed by construction.

ORNAMENTAL FOUNTAIN means an artificially created structure from which a jet, stream, or flow of treated water emanates and is not typically utilized for the preservation of aquatic life.

POND is considered to be a still body of water with a surface area of 500 square feet or more. This does not include recreational swimming pools.

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PUBLIC WATER SUPPLIER is an individual or entity that supplies water to the public for human consumption.

REGIONAL WATER PLANNING GROUP is a group established by the Texas Water Development Board to prepare a regional water plan under Texas Water Code, §16.053.

REGULATED IRRIGATION PROPERTY means any property of a designated customer class (i.e., commercial) that uses one million gallons of water or more for irrigation purposes in a single calendar year or is greater than one acre in size.

RESIDENTIAL GALLONS PER CAPITA PER DAY (RESIDENTIAL GPCD) means the total gallons sold for retail residential use by a public water supplier divided by the residential population served and then divided by the number of days in the year.

RETAIL CUSTOMERS include those customers to whom the utility provides retail water from a water meter.

REUSE is the authorized use for one or more beneficial purposes of use of water that remains unconsumed after the water is used for the original purpose of use and before that water is either disposed of or discharged or otherwise allowed to flow into a watercourse, lake, or other body of state-owned water.

SOAKER HOSE means a perforated or permeable garden-type hose or pipe that is laid above ground that provides irrigation at a slow and constant rate.

SPRINKLER/SPRAY IRRIGATION is the method of applying water in a controlled manner that is similar to rainfall. The water is distributed through a network that may consist of pumps, valves, pipes, and sprinklers.

SPRINKLER means an above-ground water distribution device that may be attached to a garden hose.

RECREATIONAL/SWIMMING POOL is defined as a body of water that involves contact recreation. This includes activities that are presumed to involve a significant risk of ingestion of water (e.g. wading by children, swimming, water skiing, diving, tubing, surfing, etc.)

TOTAL GALLONS PER CAPITA PER DAY (TOTAL GPCD) means the total amount of water diverted and/or pumped for potable use less wholesale sales divided by the total permanent population divided by the days of the year. Diversion volumes of reuse as defined in TAC 288.1 shall be credited against total diversion volumes for the purposes of calculating GPCD for targets and goals.

WATER CONSERVATION COORDINATOR is the person designated by a retail public water supplier that is responsible for implementing a water conservation plan.

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WATER CONSERVATION PLAN means the Member City or Customer water conservation plan approved and adopted by the utility.

WATER RESOURCE AND EMERGENCY MANAGEMENT PLAN means a plan for temporary supply management and demand management responses to temporary and potentially recurring water supply shortages and other water supply emergencies required by Texas Administrative Code Title 30, Chapter 288, Subchapter B. This is sometimes called a drought contingency plan.

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ABBREVIATIONS

Ac-Ft/Yr.....	Acre-Feet per Year
BMP.....	Best Management Practices
CDC.....	Centers for Disease Control and Prevention
DWU.....	Dallas Water Utilities
E&O.....	Education and Outreach
ED.....	Executive Director
EPA.....	Environmental Protection Agency
ET.....	Evapotranspiration
FNI.....	Freese and Nichols, Inc.
gpf.....	Gallons per Flush
gpm.....	Gallons per Minute
LAMP.....	Linear Asset Management Plan
LRWSP.....	Long Range Water Supply Plan
FWSD.....	Fresh Water Supply District
GPCD.....	Gallons per Capita per Day
ICIM.....	Industrial, Commercial, Institutional and Multifamily
MGD.....	Million Gallons per Day
MUD.....	Municipal Utility District
NCTCOG.....	North Central Texas Council of Governments
NTMWD.....	North Texas Municipal Water District
SUD.....	Special Utility District
TCEQ.....	Texas Commission on Environmental Quality
TRWD.....	Tarrant Regional Water District
TWDB.....	Texas Water Development Board
UTRWD.....	Upper Trinity Regional Water District
UD.....	Utility District
WCAC.....	Water Conservation Advisory Council
WCP.....	Water Conservation Plan
WREMP.....	Water Resource and Emergency Management Plan
WSC.....	Water Supply Corporation
WENNT.....	Water Efficiency Network of North Texas
WTP.....	Water Treatment Plant
WWTP.....	Wastewater Treatment Plant

2024 Water Conservation Plan

This Water Conservation Plan has been developed in accordance with the requirements of 30 Texas Administrative Code (TAC) Chapter 288. A copy of the version of 30 TAC Chapter 288 in place at the time of this Plan preparation is included in Appendix B.

1.00 INTRODUCTION

City of Wylie is a Member City of the North Texas Municipal Water District (NTMWD). This Plan was developed following TCEQ guidelines and requirements governing the development of water conservation plans.

The goal of the Water Conservation Plan is to serve as good stewards of water resources by preserving water supplies for essential uses and the protection of public health. The objectives to achieve this goal are as follows:

- To reduce the loss and waste of water.
- To improve efficiency in both indoor and outdoor water use.
- To maximize the level of recycling and reuse.
- To protect and preserve environmental resources.
- To extend the life of current water supplies.
- To raise public awareness of water conservation and encourage responsible personal behavior through public education programs.

1.01 MINIMUM REGULATORY REQUIREMENTS CHECKLIST

A water conservation plan is defined as “[a] strategy or combination of strategies for reducing the volume of water withdrawn from a water supply source, for reducing the loss or waste of water, for maintaining or improving the efficiency in the use of water, for increasing the recycling and reuse of water, and for preventing the pollution of water. A water conservation plan may be a separate document identified as such or may be contained within another water management document”. Recognizing the need for efficient use of existing water supplies, the TCEQ has developed guidelines and requirements governing the development of water conservation and drought contingency plans. The minimum TCEQ requirements and where they are addressed within this document are included in **Appendix B**.

1.02 ADDITIONAL REQUIREMENTS AND GUIDANCE

In addition to TCEQ rules regarding water conservation, this Plan also incorporates both minimum requirements as required from NTMWD and elements from several conservation initiatives.

- **2024 NTMWD Water Conservation Plan** – Member Cities and Customers of the NTMWD are required to implement water conservation strategies as designated in the NTMWD Water Conservation Plan. These strategies

2024 Water Conservation Plan**City of Wylie**

represent minimum measures to be implemented and enforced to promote water conservation and are to remain in effect on a permanent basis.

- **Guidance and Methodology for Reporting on Water Conservation and Water Use** - Developed by TWDB and TCEQ in consultation with the Water Conservation Advisory Council (the Guidance). The Guidance was developed in response to a charge by the 82nd Texas Legislature to develop water use and calculation methodology and guidance for preparation of water use reports and water conservation plans in accordance with TCEQ rules.
- **North Texas Regional Landscape Initiative** – The North Texas regional water providers (NTMWD, DWU, UTRWD and TRWD) collaborated to create the Regional Landscape Initiatives. This document was developed as a resource of best management practices for municipal staff to help reduce water waste and encourage long-term water conservation in the North Texas region. Information consists of the background, importance, and benefits of each BMP and key talking points to consider when implementing the strategy. Several of the optional water management measures included in this Plan are from this collaborative initiative.

2.00 WATER UTILITY PROFILE

This section contains a description of City of Wylie's service area and water system. This information can also be reviewed in **Appendix C**, which contains a completed TCEQ Water Utility Profile.

2.01 DESCRIPTION OF THE SERVICE AREA

The City of Wylie is a growing community which is a part of the Dallas-Fort Worth metroplex and provides water to a retail service area of approximately 24.6 square miles and about 47,232 residents as of 2022 (NTMWD Member City and Customer Water Conservation Report). Small portions within the City limits are served by other water providers. The City purchases\ treated water from North Texas Municipal Water District (NTMWD) through parallel water supply lines throughout the city limits. The City is divided into two pressure planes, referred to as the 730' Service Area and the 679' Service Area. These area names correspond to the pressure plane elevations they serve.

2.02 WATER UTILITY PROFILE

City of Wylie's existing water supply is composed of the following sources.

- Purchased Treated Water from NTMWD

3.00 WATER CONSERVATION GOALS

TCEQ rules require the adoption of specific 5-year and 10-year water conservation goals for a water conservation plan.

3.01 5- AND 10-YEAR GOALS

Per capita water use varies from year to year based on several factors including weather conditions, changing demographics and other variables. The TWDB requires specific 5- and 10-year goals which are summarized in **Table 1**. These goals should be measured against a 5-year average per capita, although some (dry) years will see higher per capita usage than these 5- year average goals. A series of dry years may lead to an average exceeding the goal.

It should be noted that the City's nonrevenue water percentage is significantly higher than its water loss percentage. The basis for this difference is the high amount of unbilled unmetered water that has been reported. The City has reported a five-year average of roughly 210,000,000 gallons per year of unbilled unmetered water versus a five-year average of roughly 65,000,000 gallons per year of total water loss. The City has set procedures for estimating usage related to line flushing, main breaks and other unbilled unmetered usage.

Table 1: Five- and 10-Year Per Capita Water Use Goals

	Historic 5-Year Average	Baseline	5-Year Goal 2029	10-Year Goal 2034
Total (GPCD) ¹	104	104	102	99
Residential (GPCD) ²	66	66	64	63
ICIM (GPCD) ³	22	22	21	20
Water Loss (GPCD) ⁴	3.8	3.8	6.8	6.4
Water Loss (Percentage) ⁵	3.6%	3.6%	6.7%	6.3%

¹Total GPCD = (Total Gallons in System / Permanent Population) / 365

²Residential GPCD = (Gallons Used for Residential Use / Residential Population) / 365

³ICIM GPCD = (Gallons Used for Industrial, Commercial, Institutional and Multi-family Use / Permanent Population) / 365

⁴Water Loss GPCD = (Total Water Loss / Permanent Population) / 365

⁵Water Loss Percentage = (Total Water Loss / Total Gallons in System) x 100; or (Water Loss GPCD / Total GPCD) x 100

3.02 METHOD FOR TRACKING

NTMWD requires Member Cities and Customers to complete annual conservation reports by March 31 of the following year and submit them to NTMWD. A copy of the form is included as **Appendix D**.

The completion of this Annual Water Conservation Report allows City of Wylie to track the effectiveness of its water conservation programs over time and reassess those programs that are not providing water savings, ensuring maximum water use efficiency and greater levels of conservation.

4.00 METERING, RECORDS AND WATER LOSS CONTROL

4.01 METERING PROGRAM

One of the key elements in water conservation is careful tracking of water use and control of losses. Careful metering of water deliveries and water use, detection and repair of leaks in the distribution system, and regular monitoring of unaccounted water are important in controlling losses.

ACCURATE METERING OF TREATED WATER DELIVERIES FROM NTMWD

Accurate metering of water diversions and deliveries, detection, and repair of leaks in the raw water transmission and potable water distribution systems and regular monitoring of nonrevenue water are important elements of NTMWD's program to control losses. Water deliveries from NTMWD are metered by NTMWD using meters with accuracy of $\pm 2\%$. These meters are calibrated on an annual basis by NTMWD to maintain the required accuracy.

METERING OF CUSTOMER AND PUBLIC USES

The provision of water to all customers, including public and governmental users, is metered in the City of Wylie.

METER TESTING, REPAIR AND REPLACEMENT

The City of Wylie tests and replaces our customer meters on a regular basis. All residential customer meters are budgeted to be replaced on a minimum of a 15-year cycle.

4.02 MONITORING AND RECORD MANAGEMENT PROGRAM

As required by TAC Title 30, Chapter 288, a record management system should allow for the separation of water sales and uses into residential, commercial, public/institutional, and industrial categories. This information is included in the NTMWD annual water conservation report that is included in **Appendix D**.

4.03 WATER LOSS CONTROL PROGRAM

DETERMINATION AND CONTROL OF WATER LOSS

Total water loss is the difference between treated water pumped and authorized consumption or metered deliveries to customers. Authorized consumption includes billed metered uses, unbilled metered uses, and unbilled unmetered uses such as firefighting and releases for flushing of lines.

Water losses include two categories:

- Apparent losses such as inaccuracies in customer meters. (Customer meters tend to run more slowly as they age and under-report actual use). Unauthorized consumption due to illegal connections and theft.
- Real losses due to water main breaks and leaks in the water distribution system and unreported losses.

LEAK DETECTION AND REPAIR

Measures to control water loss are a part of the routine operations of the City. Maintenance crews and personnel look for and report evidence of leaks in the water distribution system. Meter readers watch for and report signs of illegal connections so that they can be quickly addressed. With the measures described in this Plan, the City should maintain a water loss percentage below 3.6 percent in 2024 and subsequent years. Areas of the water distribution system in which numerous leaks and line breaks occur are targeted for replacement funds as funds are available.

5.00 CONTRACT REQUIREMENTS FOR WHOLESALE CUSTOMERS

Every water supply contract entered into or renewed after official adoption of this water conservation plan, including any contract extension, will include a requirement that each wholesale customer of City of Wylie must develop and implement a water conservation plan and water conservation measures. If the customer intends to resell the water, then the contract between the initial supplier and customer must specify that the contract for the resale of the water must have water conservation requirements so that each successive customer in the resale of the water will be required to implement water conservation measures in accordance with the provisions of Title 30 TAC Chapter 388. Note: NTMWD refers to their drought contingency plan (DCP) as the water resource and emergency management plan (WREMP) and should be considered synonymous with a DCP.

6.00 RESERVOIR SYSTEM OPERATIONS PLAN

City of Wylie purchases treated water from NTMWD and does not have surface water supplies for which to implement a reservoir system operations plan. NTMWD operates multiple sources of water supply as a system. The operation of the reservoir system is intended to optimize the use of the District's sources (within the constraints of existing water rights) while minimizing energy use cost for pumping, maintaining water quality, minimizing potential impacts on recreational users of the reservoirs and fish and wildlife.

7.00 CONSERVATION PLAN ADOPTION AND ENFORCEMENT

7.01 MEANS OF IMPLEMENTATION AND ENFORCEMENT

Staff will implement the Plan in accordance with adoption of the Plan. **Appendix G** contains a copy of the ordinance adopted regarding this Plan. The document designates responsible officials to implement and enforce the Plan.

An ordinance adopted by the City Council on April 23, 2024 designating responsible officials to implement and enforce the Water Conservation Plan can be found in **Appendix G**. The Plan will be enforced by warning and penalties as follows:

- On the first violation customers will be given a written warning that they have violated the mandatory water use restriction.
- On the second and subsequent violations citations may be issued to customers with fines established by ordinance.

For violations of the Water Resource and Emergency Management Plan, enforcement is outlined in Section 2.06 of that Plan.

7.02 REVIEW AND UPDATE OF WATER CONSERVATION PLAN

TCEQ requires that the water conservation plan be updated every five years. This Plan will be updated as required and as appropriate based on new or updated information.

7.03 REGIONAL WATER PLANNING GROUP AND NTMWD NOTIFICATION

In accordance with TCEQ regulations, a copy of this water conservation plan was provided to the Region C Water Planning Group. In accordance with NTMWD contractual requirements, a copy of this water conservation plan was also sent to NTMWD. **Appendix F** includes a copy of the letters sent.

8.00 WATER CONSERVATION PROGRAM

8.01 PUBLIC EDUCATION PROGRAM

A. NTMWD PUBLIC EDUCATION PROGRAM AND TECHNICAL ASSISTANCE

City of Wylie obtains water conservation support from the NTMWD. This includes several public education and outreach efforts such as:

- Beginning in 2006 and continuing through 2018, NTMWD invested in the development and implementation of the “Water IQ: Know Your Water” campaign, including newspaper ads, radio spots, billboards, a website, and other forms of communication all intended to educate the public regarding water use and water conservation. During the 2017 campaign, over a quarter of a million people were reached by the program through media relations, outreach and interactive media. The total audience reached through the campaign in 2017 was over 88 million impressions.
- In 2013, NTMWD participated in the “Water My Yard” program to install weather stations throughout its service area to provide consumers with a weekly email or text message and information through the Water My Yard website recommending the adequate amount of supplemental water that is needed to maintain healthy grass in specific locations. This service represents the largest network of weather stations providing ET-based irrigation recommendations in the state of Texas and provides the public with advanced information regarding outdoor irrigation needs, thereby reducing water use. Through a series of selections on the type of irrigation system a consumer has, a weekly email or text message is provided that will recommend how long (in minutes) that an irrigation system needs to run based on the past seven days of weather. This recommendation provides the actual amount of supplemental water that is required for a healthy lawn based on research of the Texas A&M Agrilife Extension Service and proven technologies.

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- “Water4Otter” is a water conservation campaign for kids launched by NTMWD in 2014. It is based on the insight that most parents agree they would listen if their kids asked them to conserve water. The TWDB awarded the NTMWD a conservation grant to develop Water4Otter as a model program that could be used throughout the state. The 2023 program included 22 performances at 11 schools in eight different ISDs including stops at elementary schools in Wylie, Garland, Mesquite, Plano, Princeton, Richardson, and Royse City.
- “Love Lavon Lake” is a water conservation campaign designed to help North Texans know their primary water source. The campaign launched in 2018 with a call to action to, “Conserve your water source. Love Lavon Lake”. The campaign was based on market research showing the more people know the source of their drinking water, the more likely they are to use it wisely and efficiently.
- NTMWD implemented the “#PledgetoPlantSmart” initiative that seeks to inspire positive change in water conservation by encouraging North Texas residents to do their part and plant smart by selecting native or adapted plants for their garden and landscaping.

NTMWD also participates in a regional outreach campaign called “Water is Awesome” partnering with the City of Dallas and Tarrant Regional Water District. NTMWD Member Cities and Customers have access to the campaign materials which include:

- In 2019, an additional tagline, “Keep Texas Water on Tap”, was incorporated to promote the Water is Awesome brand and direct traffic to waterisawesome.com.
- In 2020, a “customer city toolkit” provided customizable resources allowing cities to incorporate their logos with the campaign brand for their website, social media, and print. Cities are encouraged to use campaign resources to advance conservation efforts.
- In 2021, the regional water providers collaborated to create the Regional Landscape Initiatives. This document was developed as a resource of best management practices for municipal staff to help reduce water waste and encourage long-term water conservation in the North Texas region. Information consists of the background, importance, and benefits of each BMP and key talking points to consider when implementing the strategy. Several of the optional water management measures included in this Plan are from this collaborative initiative.
- The 2023 campaign will include a focus on short HGTV-style web series about converting yards into drought-resistant, water-conservative yardscapes.

Conservation materials and more are made available to Member Cities and Customers through an online portal that is hosted by NTMWD. In addition to the portal the NTMWD actively provides technical assistance through the following:

- NTMWD holds **Regularly Scheduled Meetings** with Member Cities and Customers for water supply updates, public campaign strategies, and legislative activities related to water and water conservation.
- NTMWD purchases **American Water Works Association Research Foundation Publications** for use by Member Cities and Customers to further enhance resources for water efficiency, water rate structures, etc. Additionally, NTMWD pays for Member City and Customer membership to the **Alliance for Water Efficiency**.
- Since 2003, NTMWD has held **Water Conservation Workshops** for staff of its Member Cities and Customers. These workshops have covered several conservation-related topics, including TCEQ requirements for water conservation and drought contingency plans, advanced water conservation strategies, current NTMWD water conservation efforts, water conservation programs of the cities, current drought status, progress on future water supplies, and related topics. These workshops also provide training and education regarding water use accounting, irrigation evaluations, industrial, commercial, and institutional audits, and other procedures. Additional examples include workshops on Water Loss Audit Training as well as on the TWDB Water Conservation Planning Tool.
- Based on the annual reporting data collected from Member Cities and Customers from 2022, approximately 24% of the District's treated water sales went to supply ICIM users within their service area. To target programs for this customer base, the District hired Plummer Associates, Inc. to create the **Industrial, Commercial, Institutional and Multifamily Program**. The ICIM program provides NTMWD Member City and Customer staff with the knowledge and tools necessary to identify ICIM customers with high water usage. This program was created to categorize water use data to find outliers and identify areas to concentrate water conservation efforts. This program can help Member Cities and Customers' ICIM water customers develop targeted methods for increasing water efficiency as an alternative to a traditional voluntary approach for water consumption improvement.
- As part of the ICIM program, the District is currently engaging with the Member and Customer Cities to encourage their ICIM customers to participate in **Water Efficiency Opportunity Surveys**. These surveys encompass a building audit that recommends various water conservation measures that can be implemented to save both money and water. Items addressed include toilet retrofits, urinal retrofits, showerhead retrofits,

lavatory retrofits, non-lavatory faucet retrofits, leak repair, water cooled ice machine retrofit, commercial disposer, food steam, cooling tower efficiency and irrigation system efficiency. As of June 2023, NTMWD has utilized the ICIM program to audit four buildings resulting in an estimated annual water savings of 87.4 million gallons.

- As part of its wastewater system, NTMWD has developed **Industrial Pretreatment Programs** for the cities of Allen, Forney, Frisco, McKinney, Mesquite, Murphy, Plano, Richardson, Rockwall, Terrell, and Wylie. The pretreatment programs developed by NTMWD are adopted and implemented by the cities, which are also responsible for enforcement of the programs. By reducing allowable volumes of specific pollutants and encouraging pretreatment of industrial wastes, this joint effort by NTMWD and the cities has improved water quality in the region's streams and reservoirs. NTMWD industrial pretreatment personnel are also available to assist cities on request in the review or design of systems to allow industrial recycling and reuse of wastewater. Such systems have reduced water use by some industries, while also reducing wastewater volumes and saving money for the industries.
- NTMWD encourages its Member Cities and Customers to develop and implement **Rebate and Bulk Purchasing Programs** that help the Member Cities and Customers achieve overall water savings. Further, NTMWD provides technical assistance to those Member Cities and Customers who wish to implement rebate and bulk purchasing programs.

B. PUBLIC EDUCATION PROGRAM

In addition to utilizing public education resources shared by North Texas Municipal Water District, Wylie has developed its own public education program. On its Public Works webpage, Water Conservation Guidelines are available for citizens, providing links to helpful conservation resources.

8.02 REQUIRED CONSERVATION STRATEGIES

The following water conservation strategies are required. These strategies represent minimum measures to be implemented and enforced to promote water conservation and are to remain in effect on a permanent basis.

A. TCEQ CONSERVATION PLAN REQUIREMENTS

The preceding sections cover the regulatory requirements identified in TAC Title 30, Part 1, Chapter 288, Subchapter B, Rule 288. These rules are included in **Appendix B**.

B. CONSERVATION COORDINATOR

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The designation of a Conservation Coordinator is required by House Bill 1648, effective September 1, 2017 for all retail public water utilities with 3,300 service connections or more. The NTMWD requires that all Member Cities and Customers, regardless of number of connections, appoint a Conservation Coordinator who will serve as the primary point of contact between the entity and the District on conservation matters.

The duties of the Conservation Coordinator are as follows:

- Submit an annual conservation report to NTMWD by March 31. This is referred to as the 'Appendix D Report'. NTMWD will provide a blank workbook for each Member City and Customer to fill out prior to the deadline.
- Submit an adopted water conservation and water resource and emergency management plan by May 1, 2024 (and every five years afterwards). These plans must be submitted to NTMWD, the applicable Regional Water Planning Group, TCEQ and TWDB. The conservation coordinator is also responsible for submitting a copy of the Plan if it is updated after initial adoption and submission.

Wylie's Conservation Coordinator is identified below. City of Wylie will notify NTMWD if this changes at any point before the water conservation plan is updated.

Public Works Utility Manager
972-516-6100
publicworks@wylietexas.gov

C. WATER CONSERVATION PRICING

Wylie has adopted an increasing block rate water structure that is intended to encourage water conservation and to discourage excessive use and waste of water. Wylie will continue to analyze and adjust its increasing block rate structure during its next rate study or within five years. For any updates to water rates that might occur subsequent to the public of this plan, please visit

[https://www.wylietexas.gov/departments/utility_billing_\(water_bill\)/water_and_sewer_rates.php](https://www.wylietexas.gov/departments/utility_billing_(water_bill)/water_and_sewer_rates.php).

Wylie's water rate structure is as follows:

Residential Rates

From and after the effective date hereof, the monthly minimum base charges and usage charges for water utility services for all residential customers of the City of Wylie, Texas shall be as set forth below until amended by ordinance of City Council:

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Monthly minimum charge for 1 st 1,000 gallons of metered water consumption	\$20.83
1,001 to 10,000 gallons	\$7.10 / thousand gallon
10,001 to 20,000 gallons	\$9.20 / thousand gallon
20,001 to 40,000 gallons	\$11.96 / thousand gallon
More than 40,000 gallons	\$15.55 / thousand gallon

Residential Irrigation Rates

Monthly minimum charge for 1 st 1,000 gallons of metered water consumption	\$20.83
More than 1,000 gallons	\$10.16 / thousand gallon

Commercial/Industrial Rates

From and after the effective date hereof, the monthly minimum base charges and usage charges for water utility services for all commercial/industrial customers of the City of Wylie, Texas shall be as set forth below until amended by ordinance of City Council:

Monthly minimum charge for 1 st 1,000 gallons of metered water consumption	\$28.44
More than 1,000 gallons	\$8.04 / thousand gallon

Commercial Irrigation Rates

Monthly minimum charge for 1 st 1,000 gallons of metered water consumption	\$28.44
More than 1,000 gallons	\$10.16 / thousand gallon

D. ORDINANCES, PLUMBING CODES, OR RULES ON WATER-CONSERVING FIXTURES

City of Wylie's plumbing code standards encourages water conservation and meets the minimum statutory requirements. The state has required water-conserving fixtures in new construction and renovations since 1992. The state standards call for flows of no more than 2.5 gallons per minute (gpm) for faucets, 2.5 gpm for showerheads. As of January 1, 2014, the

state requires maximum average flow rates of 1.28 gallons per flush (gpf) for toilets and 0.5 gpf for urinals. Similar standards are now required under federal law. These state and federal standards assure that all new construction and renovations will use water-conserving fixtures.

E. REUSE AND RECYCLING OF WASTEWATER

NTMWD currently has the largest wastewater reuse program in the state. NTMWD has water rights allowing reuse of up to 71,882 acre-feet per year (64 MGD) of treated wastewater discharges from the Wilson Creek Wastewater Treatment Plant for municipal purposes. Additionally, NTMWD has permitted and is currently constructing the Sister Grove Regional Water Resource Recovery Facility (WRRF) in the Lavon Lake watershed. This facility will have an initial capacity of 16 MGD and an ultimate capacity of 64 MGD.

NTMWD has also developed the East Fork Water Reuse Project which can divert treated wastewater discharges by NTMWD and purchased wastewater return flows from TRA via Main Stem Pump Station. NTMWD also provides treated effluent from its wastewater treatment plants available for direct reuse for landscape irrigation and industrial use.

City of Wylie wastewater is treated by NTMWD at its Muddy Creek Wastewater Treatment Plant.

F. YEAR-ROUND OUTDOOR WATERING SCHEDULES

A mandatory weekly watering schedule has been gradually gaining acceptance in the region and the state. NTMWD requires all Member Cities and Customers to adhere to a permanent outdoor watering schedule.

- **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.

For residential water customers, watering days are defined as the assigned trash/recycle pickup day for the property address associated with the irrigation system, plus three days subsequent. If there is no street address associated with the property, or there is more than one street address associated with a single contiguous property, the watering days are Wednesday and Saturday. For industrial, commercial, and institutional water customers, watering day is defined as Wednesday and Saturday.

- **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.

For residential water customers, watering day is defined as the assigned trash/recycle pickup day for the property address associated with the irrigation system. If there is no street address associated with the property, or there is more than one street address associated with a single contiguous property, the watering day is Wednesday. For industrial, commercial, and institutional water customers, watering day is defined as Wednesday.

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. Citizens are encouraged to enroll in the Weekly Watering Advice service offered by the Water Is Awesome campaign that is supported by North Texas Municipal Water District, Tarrant Regional Water District, and Dallas Water Utilities. This can be accessed at <https://waterisawesome.com/weekly-watering-advice>.

G. TIME OF DAY WATERING SCHEDULE

NTMWD requires that 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.

H. IRRIGATION SYSTEM REQUIREMENTS FOR NEW AND COMMERCIAL SYSTEMS

In 2007, the 80th Texas Legislature passed House Bill 1656, Senate Bill 3, and House Bill 4 related to regulating irrigation systems and irrigators by adopting minimum standards and specifications for designing, installing, and operating irrigation systems. The Texas legislation required cities with a population over 20,000 to develop a landscape irrigation program that includes permitting, inspection, and enforcement of water conservation for new irrigation systems.

NTMWD *requires* all Member Cities and Customers adhere to a minimum set of irrigation standards:

- 1) Require that all new irrigation systems be in compliance with state design and installation regulations (Texas Administrative Code Title 30, Chapter 344).

- 2) Require operational rain and freeze sensors and/or ET or Smart controllers on all new irrigation systems. Rain and freeze sensors and/or ET or Smart controllers must be properly maintained to function properly.
- 3) Require that irrigation systems be inspected at the same time as initial backflow preventer inspection.
- 4) Require the owner of a regulated irrigation property to obtain an evaluation of any permanently installed irrigation system on a 10-year basis. The irrigation evaluation shall be conducted by a licensed irrigator in the state of Texas and be submitted to the local water provider (i.e., city, water supply corporation).

I. WATER WASTE PROVISIONS

NTMWD requires all Member Cities and Customers prohibit activities that waste water. The main purpose of a water waste ordinance is to provide for a means to enforce that water waste is prevented during lawn and landscape irrigation, that water resources are conserved for their most beneficial and vital uses, and that public health is protected. It provides a defined enforcement mechanism for exceptional neglect related to the proper maintenance and efficient use of water fixtures, pipes, and irrigation systems. The ordinance can provide additional assistance or enforcement actions if no corrective action has been taken after a certain number of correspondences.

NTMWD **requires** that the following water waste ordinance offenses include:

- 1) The use of irrigation systems that water impervious surfaces. (Wind-driven water drift will be taken into consideration.)
- 2) Outdoor watering during precipitation or freeze events.
- 3) The use of poorly maintained sprinkler systems that waste water.
- 4) Excess water runoff or other obvious waste.
- 5) Overseeding, sodding, sprigging, broadcasting or plugging with cool season grasses or watering cool season grasses, except for golf courses and athletic fields.
- 6) The use of potable water to fill or refill residential, amenity, and any other natural or manmade ponds. A pond is considered to be a still body of water with a surface area of 500 square feet or more. This does not include recreational swimming pools.
- 7) Non-commercial car washing that does not use a water hose with an automatic shut-off valve.

- 8) Hotels and motels that do not offer a linen reuse water conservation option to customers.
- 9) Restaurants, bars, and other commercial food or beverage establishments that provide drinking water to customers unless a specific request is made by the customer for drinking water.

8.03 POTENTIAL FUTURE STRATEGIES

A. USE OF ET-BASED WEEKLY WATERING ADVICE/RECOMMENDATIONS

NTMWD requires that Member Cities and Customers adhere to a year-round outdoor watering schedule. However, this conservation practice can be improved with the use of ET-based weekly watering advice and recommendations. Landscapes frequently require less watering than the year-round water schedule allows. This measure can be particularly useful for entities with a significant percentage of customers using automated landscape irrigation systems.

Water providers in the Dallas-Fort Worth area (including NTMWD) sponsor weather stations to collect daily weather data and provide the most accurate watering recommendations. Many cities in the DFW area can already take advantage of these ET-based recommendations and incorporate them into their water conservation programs, at no cost to the city. Examples of such a service are shown below.

- **Water My Yard** – An online platform where homeowners can sign up to receive weekly watering recommendations based on their location and a few specifications about their sprinkler system. Users can then choose to accept the recommendations by email, text, or both. Recommendations are available for select cities in Collin, Dallas, Denton, Fannin, Hunt, Kaufman and Rockwall Counties. Sponsored by NTMWD and Texas A&M AgriLife Extension Service. (WaterMyYard.org).
- **Water Is Awesome Weekly Watering Advice** – Weekly watering recommendations for most of North Texas based on data from weather stations scattered throughout the DFW area. The recommendations are distributed by email and text every week and are provided in inches of water needed and the number of minutes necessary to apply that amount of water for spray, rotor, and multi-stream sprinklers. Advice service is available for all of North Central Texas and sponsored by DWU and TRWD. (<https://waterisawesome.com/weekly-watering-advice>).
- **WaterWise Newsletter and Hotline** – The City of Frisco provides weekly lawn watering advice on the city’s website and through the WaterWise Newsletter distributed to subscribers every Monday. Frisco also has a “Weekly Watering Advice

Hotline” you can into weekly to get this information. Frisco has a weather station that is used to determine how much water is needed each particular week.

Providing evapotranspiration (ET)-based weekly watering recommendations can reduce the amount of water applied for outdoor watering if customers follow the guidance. A drawback with this BMP is the adoption rate. Since these recommendations may change every week, it requires customers to adjust their controllers more often.

It is important to note that at a minimum, Member Cities and Customers must adhere to the year-round outdoor watering schedule set by NTMWD.

B. WATER EFFICIENT LANDSCAPE INITIATIVES

NTMWD recommends that Member Cities and Customers include water efficient landscape initiatives in their water conservation plans. A water efficient landscape is a landscape that is designed and maintained according to basic good horticultural principles that allow for a beautiful healthy landscape with minimal or no supplemental irrigation and no adverse runoff from the landscape property. Water efficient landscapes limit or exclude non-functional turf where possible. Examples of nonfunctional turf include streetscape turf and turf that is purely ornamental. As an alternative to non-functional turf grasses, water efficient landscapes use appropriate plants or other landscaping materials that require little or no supplemental irrigation. Appropriate plants are those selected based on their adaptability to the region’s soil and climate. NTMWD’s #PledgeToPlantSmart initiative seeks to inspire positive change in water conservation by encouraging North Texas residents to do their part and plant smart by selecting native or adaptive plants for their garden and landscaping. Member Cities and Customers should adopt a native and adaptive recommended plant list for water efficient landscaping. Water efficient landscapes can be an alternative to non-functional turf grasses and may be appropriate for application in new development or retrofits of existing landscapes for both commercial and residential areas.

Water efficient landscape initiatives can be encouraged through financial incentives or required through ordinance. Member cities and customers should also consider review of their existing requirements and removal of current codes that may impede or limit the application of water efficient landscapes. Property code 202.007 may be a helpful resource for language for removing potential barriers to water efficient landscapes.

In lieu of an ordinance, water efficient landscapes can be encouraged through rebates for landscape conversion or installation or award programs. Good examples of water efficient landscapes should also be encouraged through public outreach, demonstration gardens, and/or used in public landscapes and rights-of-way. NTMWD has a great example of the implementation of native plants and xeriscaping at the Bois d’Arc Lake Operations Center.

There are several programs available that offer a wealth of information on designing and implementing water efficient landscape.

- Water Wise (<http://urbanlandscapeguide.tamu.edu/waterwise.html>)
- Texas SmartScape™ (<http://www.txsmartscape.com/>)
- EARTH-KIND™ (<https://aggie-horticulture.tamu.edu/earthkind/publications/#water>)

NTMWD recommends but does not require implementation of this conservation practice in Member Cities and Customers' own water conservation plans.

C. ADDITIONAL WATER SAVING MEASURES FOR NEW IRRIGATION SYSTEM REQUIREMENTS

NTMWD requires certain irrigation system requirements for new and commercial systems. However, this conservation practice can be improved with additional water savings measures. As discussed previously, the Texas legislation regulates irrigation systems and irrigators by adopting minimum standards and specifications for designing, installing, and operating irrigation systems.

Many cities within Region C have adopted irrigation system standards above the minimum state requirements. Some of these standards include:

- Require property owners who install their irrigation system to also comply with the adopted city ordinance.
- Require submission of the irrigation plan in conjunction with the permit application to the applicable city official/department.
- Require all new irrigation systems to not utilize above-ground spray in landscapes that are less than 60 inches in either length or width and which contain impervious pedestrian or vehicular traffic surfaces along two or more perimeters. The use of subsurface or drip irrigation and pressure compensating tubing is permitted if the qualifying area will be irrigated.
- Require all non-turf landscape areas included in the irrigation plan to be designed with subsurface irrigation, drip irrigation, and/or pressure compensating tubing. If the irrigation plan includes a foundation watering system, require a separate zone to be dedicated for drip irrigation for the purpose of watering a structure's foundation.
- Require a flow control master valve to be installed on the discharge side of the backflow prevention device on all new installations.

- Require check valves where elevation differences may result in low head drainage. Check valves may be located at the sprinkler head(s) or on the lateral line.
- Require that pop-up heads shall be installed at grade level and operated to extend above all landscape turfgrass.
- Require that all new irrigation systems must include an automatic controller capable of providing the following features:
 - Multiple irrigation programs with at least three start times per program
 - Limiting the irrigation frequency to once every 7 days and once every 14 days
 - Water budgeting feature
- Require additional information and description for the required “walk-through”. This may include but is not limited to a checklist of things to cover on the “walk-through” with the homeowner or educational leave behind materials.
- Require the signed maintenance checklist be submitted to the applicable city official/department. Require the irrigator’s name, license number, company name, telephone number, and the dates of the warranty period to be on the maintenance checklist.
- Require the irrigation plan indicating the actual installation of the system and the associated seasonal watering schedule be submitted to the applicable city official/department.
- Require the irrigation plan and maintenance checklist be transferred from the new home builder to the first home buyer with documentation confirming the transaction provided to the applicable city official/department.

It is important to note that, at a minimum, Member Cities and Customers must adhere to the irrigation system requirements set by NTMWD.

D. ADDITIONAL WATER WASTE PROVISIONS

NTMWD requires certain water waste provisions. However, this conservation practice can be improved with the inclusion of additional water waste provisions suited for your entity. As discussed previously, the main purpose of a water waste ordinance is to provide a means for enforcement that water waste is prevented during lawn and landscape irrigation, that water resources are conserved for their most beneficial and vital uses, and that public health is protected. It provides a defined enforcement mechanism for exceptional neglect related to the proper maintenance and efficient use of water fixtures, pipes, and irrigation systems. The

ordinance can provide additional assistance or enforcement actions if no corrective action has been taken after a certain number of correspondences.

NTMWD **recommends, but does not require**, the following additional water waste ordinance offenses:

- 1) Sprinkler runoff from a property greater than 50 feet.
- 2) Operating an irrigation system or other lawn watering device during any form of precipitation or when temperatures are below 32 degrees Fahrenheit.
- 3) Irrigation to pond in a street or parking lot to a depth greater than 1/4 inch.
- 4) Failure to repair a controllable leak, including but not limited to a broken sprinkler head, a leaking valve, leaking or broken pipes, or a leaking faucet.
- 5) Operating a permanently installed irrigation system with a broken head or a head that is out of adjustment where the arc of the spray head is over a street or parking lot.
- 6) Washing of driveways, sidewalks, parking lots or other impervious surface areas with an open hose or spray nozzle attached to an open hose, except when required to eliminate conditions that threaten public health, safety or welfare.
- 7) Installation of splash pads that use a flow-through system instead of a cycle tank.

All splash pads should follow the manufacturer's recommendations and health agency guidance for the operation and management of splash pads and have standard operating procedures that help ensure water quality and promote conservation. Standard operating procedures should be tailored to the type of splash-pad (flow-through or cycle tank). Regardless of splash pad type or configuration, consideration should be given towards conservation efforts. For example, operating hours could be adjusted often based on frequency and duration of public use or the runoff can be diverted to serve a functional purpose, such as maintaining native and adapted vegetation.

It is important to note that, at a minimum, Member Cities and Customers must adhere to the water waste provisions set by NTMWD.

E. PARK/ATHLETIC FIELD CONSERVATION

NTMWD recommends that Member Cities and Customers consider the implementation of this conservation practice if there are parks and/or athletic fields within their system that are heavy water users. This conservation practice is intended to address park and athletic field conservation if the water provider manages and/or serves customers with irrigated parks

and/or athletic fields. These facilities often face scrutiny by the public for using large amounts of water or being perceived as using excessive amounts. Athletic field and park irrigation conservation practices and the careful use of water in the operation and maintenance of park facilities can effectively reduce water demands. Once a water provider or customer adopts this practice, it should be followed closely to achieve maximum water efficiency benefits. With the dedication of an athletic field manager, athletic field conservation can effectively reduce system water demand. A manager can implement a watering regimen that only uses the amount of water necessary to maintain the viability of the turf and health of its users.

All park facilities should be metered, and water use billed to reinforce the importance of water efficiency. Before developing an efficient watering program, the water provider should consider meeting with parks irrigation personnel, management, and authorized landscape manager. This discussion should focus on water conservation issues and developing an adequate scope of action for efficiency. The first key is to understand the performance and capabilities of your irrigation system at these facilities. Requiring automatic irrigation systems and controllers at all facilities is recommended. It is essential to have training in soil management, proper aeration methods, nutrient management, mowing, soil testing, and irrigation management.

Achieving conservation can be voluntary or regulatory, based on the needs of the city. Cities may also consider if there is an opportunity to use reclaimed, reused, or recycled water for parks to conserve potable water. However, specific uses must meet TCEQ water quality standards for reclaimed water and human contact, and they must be appropriate for the particular use of the park. Reclaimed water should be applied based on the appropriate water budget. When developing athletic field conservation practices, identify the various stakeholders, including the school district staff, nonprofit athletic associations, private sports complex managers, and city staff. Meeting with them will help achieve long-term results.

NTMWD recommends but does not require implementation of this conservation practice in Member Cities and Customers' own water conservation plans.

F. GOLF COURSE CONSERVATION AND REUSE

NTMWD recommends that Member Cities and Customers consider the implementation of this conservation practice if there are golf courses within their system that are heavy water users. Golf courses can use a considerable amount of water for irrigation, especially during the summer. The Environmental Institute for Golf found that from 2003-2005, an 18-hole course in the southeast region of the country (including North Central Texas) applied an average of 29 inches of irrigation water per acre every year. Irrigation of course play areas, such as fairways, is necessary to support healthy turfgrass and landscape plants, which are important for course playability and aesthetics. However, golf courses can employ several practices to reduce water

use while maintaining the course's playability and aesthetics. Also, overwatering and over-fertilization can negatively impact the water quality in local streams and lakes.

By adopting a conservation plan, golf courses can benefit by:

- Being a good neighbor by conserving local water supplies
- Saving money by reducing water use
- Protecting local water quality
- Maintaining playing conditions on the course
- Increasing irrigation equipment longevity

Water providers may take different golf course conservation approaches: encouraging voluntary efforts by the golf courses to conserve water, making it required as part of a contract, or, if possible, passing an ordinance requiring golf courses to develop and implement a conservation plan. It is important for water providers to work closely with golf courses since they know which practices will have the greatest potential for implementation. The courses may have already completed some best management practices and knowledge which may be effective or not. Water providers should work to coordinate and implement conservation practices on courses that are owned and operated by the local government.

Water conservation and water quality protection measures for golf courses may include, but are not limited to, the following:

Golf Course Landscape Design and Water Sources

- When feasible, use alternative water sources, such as reclaimed or reuse water from wastewater treatment facilities, to supplement or replace potable water sources. Monitor reclaimed water tests regularly for salinity. Rainwater harvesting and on-site pond storage are additional alternative water sources to consider.
- Select drought-tolerant turfgrass varieties to minimize water use while maintaining a high-quality playing surface.
- Reduce the number of irrigated acres on the course by converting non-play and rough areas to native grasses and other drought-tolerant plants. These plants will provide an attractive and low-maintenance landscape.
- Reduce water use by limiting the number and/or size of water features that only serve an aesthetic function.
- Develop a drought management plan that can be implemented when water supplies are low enough to enact local drought mitigation efforts.

Irrigation System Design and Maintenance

- Irrigation systems should be properly designed and installed to maximize water use efficiency while reducing operational costs and maintaining a healthy and playable course.
- Utilize new technology, such as soil moisture sensors, evapotranspiration data, and computer-controlled systems that maximize water efficiency by irrigating based on the turfgrass's moisture needs.
- Hand watering greens or other smaller areas will save water compared to running the entire zone in that area.
- Design the irrigation system to ensure that the irrigation water is distributed evenly and efficiently, with a Distribution Uniformity of 80% or better.
- Frequently inspect all sprinkler heads and other components of the irrigation system and make any adjustments or repairs as needed to improve water use efficiency. Conducting a system-wide audit by a licensed irrigation professional annually can help identify inefficiencies in the system.
- Fix leaks in the system immediately.
- Rain sensors can shut off the irrigation system when an adequate amount of rainfall is received.
- Irrigating in the early morning hours before temperatures rise and when wind speeds are low will reduce the amount of water lost to evaporation.
- Use mowing, aeration, nutrients, and soil amendments to improve soil condition and increase water infiltration.

Water Quality Protection

- Obtain a soil test before applying fertilizer to ensure the correct type and amount is used.
- Apply fertilizers and chemicals according to the directions on the label. Do not overapply.
- Do not overwater fertilizers when applying, resulting in runoff that could carry fertilizers into a nearby stream or pond.
- Maintain vegetated buffers at least 15 feet from the edge of a stream or pond to capture pollutants that may runoff from the course.

NTMWD recommends but does not require implementation of this conservation practice in Member Cities and Customers' own water conservation plans.

G. USE OF LICENSED IRRIGATORS TO INSPECT AND REVIEW ALL IRRIGATION PERMITS AND PLANS

Another potential conservation practice to implement is the requirement of licensed irrigation inspectors to review and inspect all irrigation system plans and installed components before a permit is released. Many cities use licensed plumbing inspectors, as allowed by TCEQ rules, to perform these duties. However, having dedicated licensed irrigation inspectors to implement all aspects of an irrigation system permitting program provides a certain level of focus for complying with water efficiency standards. Reviewing irrigation permits and plans before installing allows for changes to be made to the plans and not after the pipe is already in the ground. This ensures the irrigation system's overall quality, promotes irrigation efficiency and guarantees that the system will comply with state and local requirements.

Developing a review and inspection program at the municipal level reduces the chance for unlicensed irrigators to install irrigation systems improperly. Improper installation can waste water, money, cause future maintenance issues, but most importantly, it may contaminate the public water supply. It is crucial to prevent non-potable water in lawn irrigation pipes from flowing into public water supply pipes.

Inspecting the system provides benefits for water conservation. With open-trench inspections, you can check:

- Depth of piping-which protects from freezing temperatures
- Potential invasion of plant/shrubbery roots
- Joints are glued appropriately, and no leaks occur
- Pipe size-to eliminate water hammer
- Pressure management requirements
- The overall layout of the system

Staff can hold an irrigator's license and inspector's license, but to prevent them from installing and inspecting their work, staff can't have both running concurrently. In 2011, the 82nd Texas Legislature passed House Bill 2507, making it a Class C misdemeanor for an individual to operate as an irrigator in the state of Texas without a valid irrigation license. Therefore, effective September 1, 2011, individuals operating without a license are in direct violation of the Texas Occupational Code, Sec. 1903.256.

According to the Texas Administrative Code, upon completion of the irrigation system, four items must be completed to inform and educate the owner of the system: a final walk-through, a maintenance checklist, licensed irrigator contact information, and an as-built plan. All irrigation system plans, installation, and review requirements must be followed for long-term water efficiency. Minimum state requirements for Landscape Irrigation can be found in Chapter 344 of the Texas Administrative Code.

NTMWD recommends but does not require implementation of this conservation practice in Member Cities and Customers' own water conservation plans.

H. OFFER FREE OR DISCOUNTED IRRIGATION SYSTEM CHECK-UPS FOR RESIDENTIAL CUSTOMERS

The EPA estimates that up to 70% of the total water used during the summer months is applied as outdoor irrigation. As much as 50% of the water used outdoors is wasted due to overwatering and inefficient or malfunctioning irrigation system components. Irrigation system check-ups (also known as evaluations or audits) for residential customers, is a tool that cities can employ to reduce outdoor watering demand. Check-ups are typically offered at no charge to homeowners. A licensed irrigator will evaluate the irrigation system components and controller settings during a typical check-up to see if the irrigation system can operate more efficiently and identify needed repairs or adjustments. The licensed irrigator will run the irrigation system to see if the sprinkler heads function correctly and apply water only to the intended areas. They will check the irrigation system's pressure and discuss the controller settings with the homeowner to advise them on the most efficient watering methods.

One valuable aspect of check-ups is the one-on-one assistance and education that a residential customer receives on properly managing the irrigation system. This education can result in long-term water savings because the customer has a better understanding of the system. Water savings may last for multiple years after the evaluation is completed, mainly due to more efficient watering habits. As part of the check-up, the licensed irrigator will identify inefficiencies in the resident's irrigation system and educate them on programming the irrigation controller for more efficient watering practices, such as seasonal adjustment settings and 'Cycle and Soak'. The sponsoring water provider or city can also offer handouts, brochures, and other educational information to residents. The licensed irrigator can provide a report to the residential customer detailing equipment problems and offer recommendations to change watering habits. Reports can include an estimated water savings amount based on recommended adjustments to the controller's run times. The licensed irrigator should also provide a copy of the report to the sponsoring water provider or city.

Benefits of check-ups include one-on-one contact with residential customers, providing educational information that may result in greater water savings than irrigation system fixes

alone. Check-ups are an excellent customer service tool when managing residents' complaints. When using check-ups, cities can be selective by targeting high water users or those with large lots to maximize budget and water savings. Water providers or cities should consider conducting a customer satisfaction survey after the check-up is completed to determine how many residents have implemented recommended modifications and gauge satisfaction with the check-up program.

NTMWD recommends but does not require implementation of this conservation practice in Member Cities and Customers' own water conservation plans.

I. REBATES

NTMWD recommends that Member Cities and Customers consider offering a rebate program as a conservation practice to be included as part of their water conservation plan. As the population increases in the North Texas region, the demand for water grows, especially because many newer cities require irrigation systems in new developments.

Creating a program that encourages residents to become educated on their irrigation system can improve operation and efficiency. Furthermore, when it comes to the type of irrigation system and standard efficiencies, the Texas AgriLife Research and Extension Urban Solutions Center provides the following average efficiencies by system type:

- Surface/Subsurface drip – 90%
- Surface micro drip irrigation – 85%
- Large Rotors – 70%
- Small Rotors – 65%
- Spray Heads – 50%

This conservation practice of a rebate program provides, in conjunction with a sprinkler evaluation (check-up) program, an incentive to have an evaluation done and make recommended changes. With such a substantial opportunity for efficiency gains, some entities may wish to consider offering rebates to both residential and commercial customers for upgrading their current irrigation systems. By changing out less efficient equipment, this conservation practice intends to increase the irrigation efficiency by 10% or more. With 31% of all residential water use statewide attributed to irrigation, and most of that conducted using spray heads with an average efficiency of 50%, there is a real benefit for developing a rebate program for irrigation systems.

Although rebates for irrigation systems can have large impacts, there are also several other water conservation incentive programs that can be implemented. Other examples include:

- Commercial clothes washer rebates for the purchase and installation of high efficiency card- or coin-operated commercial clothes washers
- Low-flow toilet replacement and rebate programs
- Rebates for rain/freeze sensors and/or ET or Smart controllers
- Low-flow showerhead and sink aerators replacement programs or rebates
- Residential water efficient clothes washer rebates
- Pressure reducing valve installation programs or rebates
- Rain barrel rebates
- Pool cover rebates
- On-demand hot water heater rebates
- Other water conservation incentive programs

NTMWD recommends but does not require implementation of this conservation practice in Member Cities and Customers' own water conservation plans.

J. ICIM RECOMMENDATIONS

NTMWD has partnered with Plummer Associates, Inc. to develop the ICIM program to identify where additional ICIM water savings can be achieved. Member Cities and Customers can adopt a similar approach by implementing the following conservation practices:

- **Classification of Customers by Specific End Use** - A billing system that identifies customers by criteria specific enough to assess usage patterns can greatly assist in reviewing drivers of demand and developing targeted conservation efforts. For example, rather than identify customers as residential, commercial, industrial, or institutional, which is very broad, utilities can classify customers by specific end uses such as Veterinary Hospitals, Full-Service Hotels, or Day Care Centers.
- **End Use Analysis** - In order to determine what water conservation and efficiency programs and policies will be most effective in managing demand, a water utility needs to understand the makeup of its customer base and conduct a thorough assessment of end use water efficiency measures. Understanding what technologies are available, understanding how far along end users are in adopting these new technologies, and understanding the potential impacts to long-term water use trends, allow planners to target the most effective drivers of change.

- **Benchmarking** - As businesses grow, they tend to add more customers and productions. As such, it can be difficult to see the benefit of targeted conservation efforts if you are only looking at the total annual water use. Development of effective and meaningful benchmarking, such as gallons per pound of product, gallons per guest per day, gallons per meal, etc., allows end users to gauge their effectiveness in using water and energy efficiently by providing measures that are easy to define and allow for comparison amongst peers. Additionally, benchmarking allows end users to gauge the effectiveness of their efforts year over year.
- **Providing Water Efficiency Opportunity Surveys for ICIM Customers** - A detailed water efficiency survey can enable end users to understand how they use water, develop a complete inventory of water using equipment and processes, identify potential leaks and losses, set realistic reduction goals, identify and implement useful policies, identify low cost/no cost projects and assess potential investments in significant projects aimed at reducing long-term water demand. Members can reach out to NTMWD to participate in the ongoing Water Efficiency Opportunity Surveys.

NTMWD recommends but does not require implementation of this conservation practice in Member Cities and Customers' own water conservation plans. NTMWD recommends that all Member Cities and Customers participate in the ICIM program and takes advantage of the Water Efficiency Opportunity Surveys.

K. WATER EFFICIENCY OUTREACH PROGRAM

NTMWD provides a wealth of technical assistance and outreach. Wholesale and retail water providers benefit from a consistent water conservation message across multiple cities and can enhance their reputation in the community. Utilizing resources and programs from NTMWD's conservation portal allows Member Cities and Customers to save money by not producing the resources or operating the programs themselves and amplifies a common message. Outreach assistance from NTMWD accomplishes public outreach and education elements in both the wholesale and retail water providers respective water conservation plans.

However, it is recommended that each member city and customer develop their own water efficiency outreach program as well. Perhaps one of the most important actions a utility can take in increasing water use efficiency among its customers is through public education and outreach programs (E&O). The goal of E&O programs is to influence behavioral change for short and long-term water savings. Regular and consistent messaging in customer education will provide an overall picture of water resources in the community. Communicating the need for conservation helps manage existing water supplies and avoids or delays the need for expanded or new infrastructure to meet increased water demands. Customer education also provides valuable information on specific actions they can take in their home or business to

meet these community goals while also benefiting from them personally (i.e., managing their water bill).

Each utility should develop an education and outreach plan suited to their community that is adaptable over time. Understanding which messages need to be conveyed regularly and identifying the target audience(s) is key to a successful program. An effective public education program will help develop trust between the community and the utility as relevant, timely, and fact-based information is provided, and customer service is enhanced.

Many cities have dedicated water conservation web pages located within the main city or utility website that provide tips and other resources. The TWDB is one source that provides publications and other materials that can be placed online or made available in city/utility buildings. NTMWD's online conservation portal is another. The various education and outreach tools also allow cities to promote other programs offered, such as rebates or events, and to communicate other important messages, such as drought conditions or water service outages.

Some customers prefer to learn in a classroom setting or to tour facilities or demonstration areas to better understand certain conservation techniques. Offering in-person or virtual classes or workshops provides an opportunity to connect with these customers, provides hands-on experience, and allows questions on a range of conservation issues to be answered. NTMWD offers several programs such as these described in **Section 8.02**.

NTMWD recommends but does not require implementation of this conservation practice in Member Cities and Customers' own water conservation plans.

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Under Texas Water Code Chapter 11 and Title 30 Texas Administrative Code Chapter 288, Retail, Irrigation and Wholesale Public Water Suppliers are required to develop, implement and submit updated Drought Contingency Plans to the TCEQ every five years.

1.00 INTRODUCTION

City of Wylie is a Member City of the North Texas Municipal Water District (NTMWD). This Plan was developed following TCEQ guidelines and requirements governing the development of drought contingency plans.

The goal of the water resource and emergency management plan is to prepare for potential water shortages and to preserve water for essential uses and the protection of public health. The objectives to achieve this goal are as follows:

- To save water during droughts, water shortages, and emergencies.
- To save water for domestic use, sanitation, and fire protection.
- To protect and preserve public health, welfare, and safety.
- To reduce the adverse impacts of shortages.
- To reduce the adverse impacts of emergency water supply conditions.

Note: NTMWD refers to their drought contingency plan (DCP) as the water resource and emergency management plan (WREMP) and should be considered synonymous with a DCP.

1.01 MINIMUM REGULATORY REQUIREMENTS

A drought contingency plan is defined as “a strategy or combination of strategies for temporary supply and demand management responses to temporary and potentially recurring water supply shortages and other water supply emergencies”. Recognizing the need for efficient use of existing water supplies, the TCEQ has developed guidelines and requirements governing the development of water conservation and drought contingency plans.

The minimum TCEQ requirements and where they are addressed within this document are described in **Appendix B**.

2.00 IMPLEMENTATION AND ENFORCEMENT

2.01 PROVISIONS TO INFORM THE PUBLIC AND OPPORTUNITY FOR INPUT

City of Wylie provided opportunity for public input in the development of this Plan by the following means:

- Providing written notice of the proposed Plan and the opportunity to comment on the Plan by newspaper and posted notice.
- Posting the draft Plan on the community website and/or social media.
- Providing the draft Plan to anyone requesting a copy.

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- Holding a public meeting regarding the Plan on 4/23/2024 Public notice of this meeting was provided on the community website and in local newspapers.
- Approving the Plan at a public Board meeting on 4/23/2024. Public notices of this meeting were provided on the community website and live audio was available during the meeting.

2.02 PROGRAM FOR CONTINUING PUBLIC EDUCATION AND INFORMATION

City of Wylie informs and educates the public about the Plan by the following means:

- Preparing a bulletin describing the plan and making it available at City Hall and/or other appropriate locations.
- Including information and making the Plan available to the public through the community website and/or social media.
- Notifying local organizations, schools, and civic groups that utility staff are available to make presentations on the Plan (usually in conjunction with presentations on water conservation programs).
- At any time that the Plan is activated or changes, City of Wylie will notify local media of the issues, the water resource management stage (if applicable), and the specific actions required of the public. The information will also be publicized on the community website and/or social media. Billing inserts will also be used as appropriate.

2.03 COORDINATION WITH THE REGIONAL WATER PLANNING GROUPS AND NTMWD

Appendix F of this Plan includes copies of letters sent to the Chairs of the appropriate regional water planning groups as well as NTMWD.

2.04 INITIATION AND TERMINATION OF WATER RESOURCE MANAGEMENT STATGES

A. INITITATION OF A WATER RESOURCE MANAGEMENT STAGE

The City Manager or his/her designee may order the implementation of a water resource management stage when one or more of the trigger conditions for that stage is met.

- NTMWD has initiated a water resource management stage. (Stages imposed by NTMWD action **must** be initiated by Member Cities and Customers.)
- Other trigger conditions internal to Wylie specified for each drought stage. For these types of internal conditions, the official designee may decide not to order the

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implementation of a stage even though one or more of the trigger criteria for the stage are met. Factors which could influence such a decision could include, but are not limited to, the time of the year, weather conditions, the anticipation of replenished water supplies, or the anticipation that additional facilities will become available to meet needs. The reason for this decision must be documented.

The following actions will be taken when a water resource management stage is initiated:

- The public will be notified through local media and the supplier's website.
- Wholesale customers and NTMWD will be notified by email that provides details of the reasons for initiation of the water resource management stage.
- If any mandatory provisions of the Plan are activated, City of Wylie will notify the TCEQ and the NTMWD Executive Director within five business days. Instructions can be accessed on the NTMWD portal online at <https://www.ntmwd.com/login/portal/>.

B. TERMINATION OF A WATER RESOURCE MANAGEMENT STAGE

Water resource management stages initiated by NTMWD may be terminated after NTMWD has terminated the stage. For stages initiated by the City Manager or his/her official designee, they may order the termination of a water resource management stage when the conditions for termination are met or at their discretion.

The following actions will be taken when a water resource management stage is terminated:

- The public will be notified through local media and the supplier's website.
- Wholesale customers and NTMWD will be notified by email.
- If any mandatory provisions of the Plan that have been activated are terminated, The City of Wylie will notify the TCEQ Executive Director and the NTMWD Executive Director within five business days. Instructions can be accessed on the NTMWD portal online at <https://www.ntmwd.com/login/portal/>.

The City Manager or his/her official designee may decide not to order the termination of a water resource management stage even though the conditions for termination of the stage are met. Factors which could influence such a decision include, but are not limited to, the time of the year, weather conditions, or the anticipation of potentially changed conditions that warrant the continuation of the water resource management stage. The reason for this decision must be documented.

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The City Manager or his/her official designee may grant temporary variances for existing water uses otherwise prohibited under this Plan if one or more of the following conditions are met:

- Failure to grant such a variance would cause an emergency condition adversely affecting health, sanitation, or fire safety for the public or the person or entity requesting the variance.
- Compliance with this Plan cannot be accomplished due to technical or other limitations.
- Alternative methods that achieve the same level of reduction in water use can be implemented.

Variances shall be granted or denied at the discretion of the City Manager or his/her official designee. All petitions for variances should be in writing and should include the following information:

- Name and address of the petitioners.
- Purpose of water use.
- Specific provisions from which relief is requested.
- Detailed statement of the adverse effect of the provision from which relief is requested.
- Description of the relief requested.
- Period of time for which the variance is sought.
- Alternative measures that will be taken to reduce water use and the level of water use reduction.
- Other pertinent information.

2.06 PROCEDURES FOR ENFORCING MANDATORY WATER USE RESTRICTIONS

Mandatory water use restrictions may be imposed in Stage 1, Stage 2 and Stage 3. The penalties associated with the mandatory water use restrictions are explained below and included in the ordinance enacting this plan.

Stage 1:

- Violations must be observed by the City Manager or his or her designee. Violations will be documented by electronic photographs and filed for review.

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- First-time violations in Stage 1 will be notified of their violation and be warned of the actions that will be imposed after additional violations.
- For the second violation in Stage 1, a \$100.00 administrative fee will be included on the next available water bill. If that second time violation in Stage 1 involved an irrigation system, the \$100.00 administrative fee will be waived or credited after the completion of a free irrigation check-up of the violating system, performed by a licensed irrigator contracted with the City. For the third and subsequent violations in Stage 1, a \$200.00 administrative fee per violation will be included on the next available water bill.
- Unpaid assessed administrative fees related to violations of water use restrictions shall incur late payment penalties and may result in termination of water service.

Stage 2:

- Violations must be observed by the City Manager or his or her designee. Violations will be documented by electronic photographs and filed for review.
- First-time violations in Stage 2 will be assessed a \$100.00 administrative fee on the next available water bill. If that first time violation involved an irrigation system, the \$100.00 administrative fee will be waived or credited after the completion of a free irrigation check-up of the violating system, performed by a licensed irrigator contracted with the City.
- For the second violation in Stage 2, a \$200.00 administrative fee will be included on the next available water bill. For the third and subsequent violations in Stage 2, a \$300.00 administrative fee per violation will be included on the next available water bill.
- Upon the second violation in Stage 2 involving an irrigation system, the irrigation system associated with that property will be disconnected, which could incur additional fees.
- Unpaid assessed administrative fees related to violations of water use restrictions shall incur late payment penalties and may result in termination of water service.

Stage 3:

- Violations must be observed by the City Manager or his or her designee. Violations will be documented by electronic photographs and filed for review.

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- First-time violations in Stage 3 will be assessed a \$200.00 administrative fee on the next available water bill.
- For the second violation in Stage 3, a \$300.00 administrative fee will be included on the next available water bill. For the third and subsequent violations, a \$400.00 administrative fee per violation will be included on the next available water bill.
- Upon the first violation in Stage 3 involving an irrigation system, the irrigation system associated with that property will be disconnected, which could incur additional fees.
- Unpaid assessed administrative fees related to violations of water use restrictions shall incur late payment penalties and may result in termination of water service.

OPTIONAL ADMINISTRATIVE REMEDIES

Contesting Administrative Fees

A customer may appeal the assessment of an administrative fee by requesting in writing to the City Manager or his or her designee that the fee to be waived, providing all information to support the removal of the fee. The customer shall bear the burden of proof to show why the administrative fee should not be assessed. The City Manager or his or her designee shall send written notice within three business days after receiving the first packet of information, and that decision shall be final and binding.

2.07 REVIEW AND UPDATE OF WATER RESOURCE AND EMERGENCY MANAGEMENT PLAN

As required by TCEQ rules, City of Wylie must review their respective Plan every five years. The plan will be updated as appropriate based on new or updated information.

3.00 WATER RESOURCE AND EMERGENCY MANAGEMENT PLAN

Initiation and termination criteria for water management stages include general, demand, supply, and emergency criteria. One of the major indicators of approaching or ongoing drought conditions is NTMWD's combined reservoir storage, defined as storage at Lavon Lake plus storage in Bois d'Arc Lake. Percent storage is determined by dividing the current storage by the total conservation storage when the lakes are full. **Table 2** summarizes the water management stages by triggers based on percent combined storage and associated demand

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reduction goals and outdoor watering restrictions. The following sections go into more detail on the three water management stages.

TCEQ requires notification when mandatory restrictions are placed on a customer. NTMWD must notify TCEQ when they impose mandatory restrictions on Member Cities and Customers. Member Cities and Customers must likewise notify TCEQ when they impose mandatory restrictions on their customers (wholesale or retail). Measures that impose mandatory requirements on customers are denoted with “**requires notification to TCEQ**”. NTMWD and the utilities must notify TCEQ within five business days if these measures are implemented (<https://www.tceq.texas.gov/response/drought/drought-and-public-water-systems>).

Table 2: Water Management Plan Stages Summary

Drought Stage		April to October	November to March	Demand Reduction Goal	Outdoor Watering Restrictions
		Percent Combined Storage			
Stage 1	Initiation	70%	60%	2%	2X per week (Apr-Oct) 1X per week (Nov-Mar)
	Termination	75%	65%		
Stage 2	Initiation	55%	45%	5%	1X per week (Apr-Oct) 1X every other week (Nov-Mar)
	Termination	70%	60%		
Stage 3	Initiation	30%	20%	30%	No outdoor watering
	Termination	55%	45%		

3.01 WATER RESOURCE MANAGEMENT – STAGE 1

A. INITIATION AND TERMINATION CRITERIA FOR STAGE 1

NTMWD has initiated Stage 1, which may be initiated when one or more of the following criteria is met:

- **General Criteria**
 - The Executive Director, with the concurrence of the NTMWD Board of Directors, finds that conditions warrant the declaration of Stage 1.
 - One or more source(s) is interrupted, unavailable, or limited due to contamination, invasive species, equipment failure or other cause.
 - The water supply system is unable to deliver needed supplies due to the failure or damage of major water system components.

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- Part of the system has a shortage of supply or damage to equipment. (NTMWD may implement measures for only that portion of the system impacted.)
- A portion of the service area is experiencing an extreme weather event or power grid/supply disruptions.
- **Demand Criteria**
 - Water demand has exceeded or is expected to exceed 90% of maximum sustainable production or delivery capacity for an extended period.
- **Supply Criteria**
 - The combined storage in Lavon and Bois d'Arc Lake, as published by the TWDB, is less than:
 - 70% of the combined conservation pool capacity during any of the months of April through October
 - 60% of the combined conservation pool capacity during any of the months of November through March
 - The Sabine River Authority (SRA) has indicated that its Upper Basin water supplies used by NTMWD (Lake Tawakoni and/or Lake Fork) are in a Stage 1 drought.
 - NTMWD is concerned that Lake Texoma, Jim Chapman Lake, the East Fork Water Reuse Project, Main Stem Pump Station, and/or some other NTMWD water source may be limited in availability within the next six months.

In addition to NTMWD triggers, listed below are internal triggers that may cause Wylie to initiate Stage 1 restrictions:

- The City's water demand has exceeded 85% of the amount that can be delivered to customers for three consecutive days.
- The City's water demand for all or part of the delivery system equals delivery capacity because delivery capacity is inadequate.
- Water supply system is unable to deliver water due to the failure or damage of major water system components, supply source becomes contaminated, power outage, grid failure, natural disaster, or extreme weather event.
- The City Manager or his/her designee determines that it is appropriate to initiate Stage 1.

Stage 1 may terminate when one or more of the following criteria is met:

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- **General Criteria**
 - The Executive Director, with the concurrence of the NTMWD Board of Directors, finds that conditions warrant the termination of Stage 1.
 - The circumstances that caused the initiation of Stage 1 no longer prevail.
- **Supply Criteria**
 - The combined storage in Lavon and Bois d'Arc Lakes, as published by the TWDB, is greater than:
 - 75% of the combined conservation pool capacity during any of the months of April through October
 - 65% of the combined conservation pool capacity during any of the months of November through March

In situations in which NTMWD is not in any stages, listed below are internal triggers that may cause Wylie to terminate Stage 1 restrictions:

- The circumstances that caused Wylie to initiate Stage 1 no longer prevail.

B. GOAL FOR USE REDUCTION UNDER STAGE 1

The goal for water use reduction under Stage 1 is an annual reduction of 2% in the use that would have occurred in the absence of water management measures. Because discretionary water use is highly concentrated in the summer months, savings should be higher than 5% in summer to achieve an annual savings goal of 2%. **If circumstances warrant, the Executive Director can set a goal for greater or less water use reduction.**

C. WATER MANAGEMENT MEASURES AVAILABLE UNDER STAGE 1

The actions listed below are provided as potential measures to reduce water demand. NTMWD may choose to implement any or all of the available restrictions in Stage 1.

- Continue actions described in the water conservation plan.
- Increase enforcement of landscape watering restrictions from the water conservation plan.
- Initiate engineering studies to evaluate alternative actions that can be implemented if conditions worsen.
- Accelerate public education efforts on ways to reduce water use.
- Halt non-essential NTMWD water use.
- Encourage the public to wait until the current drought or water emergency situation has passed before establishing new landscaping.

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- Encourage all users to reduce the frequency of draining and refilling swimming pools.
- **Requires notification to TCEQ** Initiate a rate surcharge for all water use over a certain level.
- **Requires notification to TCEQ.** Parks, golf courses, and athletic fields using potable water for landscape watering are required to meet the same reduction goals and measures outlined in this stage. As an exception, golf course greens and tee boxes may be hand watered as needed.

3.02 WATER RESOURCE MANAGEMENT – STAGE 2

A. INITIATION AND TERMINATION CRITERIA FOR STAGE 2

NTMWD has initiated Stage 2, which may be initiated due to one or more of the following criteria is met:

- **General Criteria**
 - The Executive Director, with the concurrence of the NTMWD Board of Directors, finds that conditions warrant the declaration of Stage 2.
 - One or more supply source(s) is interrupted, unavailable, or limited due to contamination, invasive species, equipment failure or other cause.
 - The water supply system is unable to deliver needed supplies due to the failure or damage of major water system components.
 - Part of the system has a shortage of supply or damage to equipment. (NTMWD may implement measures for only that portion of the system impacted.)
 - A portion of the service area is experiencing an extreme weather event or power grid/supply disruptions.
- **Demand Criteria**
 - Water demand has exceeded or is expected to exceed 95% of maximum sustainable production or delivery capacity for an extended period.
- **Supply Criteria**
 - The combined storage in Lavon and Bois d’Arc Lake, as published by the TWDB, is less than
 - 55% of the combined conservation pool capacity during any of the months of April through October
 - 45% of the combined conservation pool capacity during any of the months of November through March

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- SRA has indicated that its Upper Basin water supplies used by NTMWD (Lake Tawakoni and/or Lake Fork) are in a Stage 2 drought.
- NTMWD is concerned that Lake Texoma, Jim Chapman Lake, the East Fork Water Reuse Project, the Main Stem Pump Station, and/or some other NTMWD water source may be limited in availability within the next three months.

In addition to NTMWD triggers, listed below are internal triggers that may cause Wylie to initiate Stage 2 restrictions:

- The City's water demand has exceeded 90% of the amount that can be delivered to customers for three consecutive days.
- The City's water demand for all or part of the delivery system equals delivery capacity because delivery capacity is inadequate.
- Water supply system is unable to deliver water due to the failure or damage of major water system components, supply source becomes contaminated, power outage, grid failure, natural disaster, or extreme weather event.
- The City Manager or his/her designee determines that it is appropriate to initiate Stage 2.

Stage 2 may terminate when one or more of the following criteria is met:

- **General Criteria**
 - The Executive Director, with the concurrence of the NTMWD Board of Directors, finds that conditions warrant the termination of Stage 2.
 - The circumstances that caused the initiation of Stage 2 no longer prevail.
- **Supply Criteria**
 - The combined storage in Lavon and Bois d'Arc Lake, as published by the TWDB, is greater than
 - 70% of the combined conservation pool capacity during any of the months of April through October
 - 60% of the combined conservation pool capacity during any of the months of November through March

In situations in which NTMWD is not in any stages, listed below are internal triggers that may cause Wylie to terminate Stage 2 restrictions:

- The circumstances that caused Wylie to initiate Stage 2 no longer prevail.

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B. GOAL FOR USE REDUCTION UNDER STAGE 2

The goal for water use reduction under Stage 2 is an annual reduction of 5% in the use that would have occurred in the absence of water resource management measures. Because discretionary water use is highly concentrated in the summer months, savings should be higher than 5% in summer to achieve an annual savings goal of 5%. **If circumstances warrant, the Executive Director can set a goal for greater or less water use reduction.**

C. WATER MANAGEMENT MEASURES AVAILABLE UNDER STAGE 2

The actions listed below are provided as potential measures to reduce water demand. NTMWD may choose to implement any or all of the available restrictions in Stage 2.

- Continue or initiate any actions available under the water conservation plan and Stage 1.
- Implement viable alternative water supply strategies.
- **Requires notification to TCEQ.** Limit landscape watering with sprinklers or irrigation systems at each service address to once per week on designated days between April 1 and October 31. Limit landscape watering with sprinklers or irrigation systems at each service address to once every other week on designated days between November 1 and March 31. For residential water customers, watering day is defined as the assigned trash/recycle pickup day for the property address associated with the irrigation system. If there is no street address associated with the property, or there is more than one street address associated with a single contiguous property, the watering day is defined as Wednesday. For industrial, commercial, and institutional water customers, watering day is defined as Wednesday. Exceptions are as follows:
 - New construction may be watered as necessary for 30 days from the installation of new landscape features.
 - Foundation watering (within 2 feet), watering of new plantings (first year) of shrubs, and watering of trees (within a 10-foot radius of its trunk) for up to two hours on any day by a hand-held hose, a soaker hose, or a dedicated zone using a drip irrigation system, provided no runoff occurs.
 - Athletic fields may be watered twice per week.
 - Locations using alternative sources of water supply only for irrigation may irrigate without day-of-the-week restrictions provided proper signage is employed to notify the public of the alternative water source(s) being used. However, irrigation using alternative sources of supply is subject to all other restrictions applicable to this stage. If the alternative supply source is a well, proper proof of well registration with your local water supplier (e.g., city, water

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supply corporation) is required. Other sources of water supply may not include imported treated water.

- An exemption is for drip irrigation systems from the designated outdoor water use day limited to no more than one day per week. Drip irrigation systems are, however, subject to all other restrictions applicable under this stage.
- **Requires notification to TCEQ.** Prohibit overseeding, sodding, sprigging, broadcasting or plugging with or watering, except for golf courses and athletic fields.
- **Requires notification to TCEQ.** Initiate a rate surcharge for all water use over a certain level.
- **Requires notification to TCEQ.** Parks and golf courses using potable water for landscape watering are required to meet the same reduction goals and measures outlined in this stage. As an exception, golf course greens and tee boxes may be hand watered as needed.

3.03 WATER RESOURCE MANAGEMENT – STAGE 3

A. INITIATION AND TERMINATION CRITERIA FOR STAGE 3

NTMWD has initiated Stage 3, which may be initiated due to one or more of the following criteria is met:

- **General Criteria**
 - The Executive Director, with the concurrence of the NTMWD Board of Directors, finds that conditions warrant the declaration of Stage 3.
 - One or more supply source(s) is interrupted, unavailable, or limited due to contamination, invasive species, equipment failure, or other cause.
 - The water supply system is unable to deliver needed supplies due to the failure or damage of major water system components.
 - Part of the system has a shortage of supply or damage to equipment. (NTMWD may implement measures for only that portion of the system impacted.)
 - A portion of the service area is experiencing an extreme weather event or power grid/supply disruptions.
- **Demand Criteria**
 - Water demand has exceeded or is expected to exceed maximum sustainable production or delivery capacity for an extended period.
- **Supply Criteria**

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- The combined storage in Lavon and Bois d’Arc Lake, as published by the TWDB, is less than
 - 30% of the combined conservation pool capacity during any of the months of April through October
 - 20% of the combined conservation pool capacity during any of the months of November through March
- SRA has indicated that its Upper Basin water supplies used by NTMWD (Lake Tawakoni and/or Lake Fork) are in a drought and have significantly reduced supplies available to NTMWD.
- The supply from Lake Texoma, Jim Chapman Lake, the East Fork Water Reuse Project, the Main Stem Pump Station, and/or some other NTMWD water source has become limited in availability.

In addition to NTMWD triggers, listed below are internal triggers that may cause Wylie to initiate Stage 3 restrictions:

- The City’s water demand exceeds the amount that can be delivered to customers.
- The City’s water demand for all or part of the delivery system seriously exceeds delivery capacity because delivery capacity is inadequate.
- Water supply system is unable to deliver water due to the failure or damage of major water system components, supply source becomes contaminated, power outage, grid failure, natural disaster, or extreme weather event.
- The City Manager or his/her designee determines that it is appropriate to initiate Stage 3.

Stage 3 may terminate when one or more of the following criteria is met:

- **General Criteria**
 - The Executive Director, with the concurrence of the NTMWD Board of Directors, finds that conditions warrant the termination of Stage 3.
 - Other circumstances that caused the initiation of Stage 3 no longer prevail.
- **Supply Criteria**
 - The combined storage in Lavon and Bois d’Arc Lake, as published by the TWDB, is greater than:
 - 55% of the combined conservation pool capacity during any of the months of April through October

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- 45% of the combined conservation pool capacity during any of the months of November through March

In situations in which NTMWD is in Stage 2, Stage 1 or not in any stages, listed below are internal triggers that may cause Wylie to terminate Stage 3 restrictions:

- The circumstances that caused Wylie to initiate Stage 3 no longer prevail.

B. GOAL FOR USE REDUCTION UNDER STAGE 3

The goal for water use reduction under Stage 3 is an annual reduction of 30% in the use that would have occurred in the absence of water resource management measures, or the goal for water use reduction is whatever reduction is necessary. Because discretionary water use is highly concentrated in the summer months, savings should be higher than 30% in summer to achieve an annual savings goal of 30%. **If circumstances warrant, the Executive Director can set a goal for greater or less water use reduction.**

C. WATER MANAGEMENT MEASURES AVAILABLE UNDER STAGE 3

The actions listed below are provided as potential measures to reduce water demand. NTMWD may choose to implement any or all of the available restrictions in Stage 3.

- Continue or initiate any actions available under the water conservation plan and Stages 1 and 2.
- Implement viable alternative water supply strategies.
- **Requires notification to TCEQ.** Initiate mandatory water use restrictions as follows:
 - Hosing and washing of paved areas, buildings, structures, windows or other surfaces is prohibited except by variance and performed by a professional service using high efficiency equipment.
 - Prohibit operation of ornamental fountains or ponds that use potable water except where supporting aquatic life.
- **Requires notification to TCEQ.** Prohibit new sod, overseeding, sodding, sprigging, broadcasting or plugging with or watering.
- **Requires notification to TCEQ.** Prohibit the use of potable water for the irrigation of new landscape.
- **Requires notification to TCEQ.** Prohibit all commercial and residential landscape watering, except foundations (within 2 feet) and trees (within a 10-foot radius of its trunk) may be watered for two hours one day per week with a hand-held hose, a soaker hose, or a dedicated zone using a drip irrigation system provided no runoff occurs. Drip irrigation systems are not exempt from this requirement.

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- **Requires notification to TCEQ.** Prohibit washing of vehicles except at a commercial vehicle wash facility.
- **Requires notification to TCEQ.** Landscape watering of parks, golf courses, and athletic fields with potable water is prohibited. As an exception, golf course greens and tee boxes may be hand watered as needed. Variances may be granted by the water provider under special circumstances.
- **Requires notification to TCEQ.** Prohibit the filling, draining, and/or refilling of existing swimming pools, wading pools, Jacuzzi and hot tubs except to maintain structural integrity, proper operation and maintenance or to alleviate a public safety risk. Existing pools may add water to replace losses from normal use and evaporation. Permitting of new swimming pools, wading pools, Jacuzzi and hot tubs is prohibited.
- **Requires notification to TCEQ.** Prohibit the operation of interactive water features such as water sprays, dancing water jets, waterfalls, dumping buckets, shooting water cannons, inflatable pools, temporary splash toys or pools, slip-n-slides, or splash pads that are maintained for recreation.
- **Requires notification to TCEQ.** Require all commercial water users to reduce water use by a set percentage.
- **Requires notification to TCEQ.** Initiate a rate surcharge over normal rates for all water use or for water use over a certain level

Appendix A

List of References

The following appendix contains a list of references used throughout the plans.

APPENDIX A

LIST OF REFERENCES

1. Texas Commission on Environmental Quality Water Conservation Implementation Report. <https://www.tceq.texas.gov/assets/public/permitting/forms/20645.pdf>
 2. Title 30 of the Texas Administrative Code, Part 1, Chapter 288, Subchapter A, Rules 288.1 and 288.5, and Subchapter B, Rule 288.22, downloaded from [http://texreg.sos.state.tx.us/public/readtac\\$ext.ViewTAC?tac_view=4&ti=30&pt=1&ch=288](http://texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=4&ti=30&pt=1&ch=288), April 2023.
 3. Water Conservation Implementation Task Force: “Texas Water Development Board Report 362, Water Conservation Best Management Practices Guide,” prepared for the Texas Water Development Board, Austin, November 2004.
 4. Texas Water Development Board, Texas Commission on Environmental Quality, Water Conservation Advisory Council: Guidance and Methodology for Reporting on Water Conservation and Water Use, December 2012
 5. Freese and Nichols, Inc.: Model Water Conservation Plan for NTMWD Members Cities and Customers, prepared for the North Texas Municipal Water District, Fort Worth, January 2019.
 6. Freese and Nichols, Inc.: Model Water Resource and Emergency Management Plan for NTMWD Members Cities and Customers, prepared for the North Texas Municipal Water District, Fort Worth, January 2019.
 7. Freese and Nichols Inc, Alan Plummer Associates, Inc., CP & Y Inc., Cooksey Communications. “2021 Region C Water Plan”
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Appendix B

Texas Administrative Code Title 30

Chapter 288

The following appendix contains the Texas Administrative Code that regulates both water conservation and drought contingency plans. Prior to the code, a summary is given that outlines where each requirement is fulfilled within the plans.

APPENDIX B

TEXAS ADMINISTRATIVE CODE TITLE 30 CHAPTER 288

The TCEQ rules governing development of water conservation plans are contained in Title 30, Chapter 288, Subchapter A of the Texas Administrative Code, which is included in this Appendix for reference.

The water conservation plan elements required by the TCEQ rules that are covered in this water conservation plan are listed below.

Minimum Conservation Plan Requirements for Public Water Suppliers

- 288.2(a)(1)(A) – Utility Profile – Section 2
- 288.2(a)(1)(B) – Record Management System – Section 4
- 288.2(a)(1)(C) – Specific, Quantified Goals – Section 3
- 288.2(a)(1)(D) – Accurate Metering – Section 4
- 288.2(a)(1)(E) – Universal Metering – Section 4
- 288.2(a)(1)(F) – Determination and Control of Water Loss – Section 4
- 288.2(a)(1)(G) – Public Education and Information Program – Section 8
- 288.2(a)(1)(H) – Non-Promotional Water Rate Structure – Section 8
- 288.2(a)(1)(I) – Reservoir System Operation Plan – Section 6
- 288.2(a)(1)(J) – Means of Implementation and Enforcement – Section 7
- 288.2(a)(1)(K) – Coordination with Regional Water Planning Group – Section 7
- 288.2(c) – Review and Update of Plan – Section 7

Additional Requirements for Public Water Suppliers (Population over 5,000)

- 288.2(a)(2)(A) – Leak Detection, Repair, and Water Loss Accounting – Section 4

<u>TITLE 30</u>	ENVIRONMENTAL QUALITY
<u>PART 1</u>	TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
<u>CHAPTER 288</u>	WATER CONSERVATION PLANS, DROUGHT CONTINGENCY PLANS, GUIDELINES AND REQUIREMENTS
<u>SUBCHAPTER A</u>	WATER CONSERVATION PLANS
RULE §288.1	Definitions

The following words and terms, when used in this chapter, shall have the following meanings, unless the context clearly indicates otherwise.

(1) Agricultural or Agriculture--Any of the following activities:

(A) cultivating the soil to produce crops for human food, animal feed, or planting seed or for the production of fibers;

(B) the practice of floriculture, viticulture, silviculture, and horticulture, including the cultivation of plants in containers or non-soil media by a nursery grower;

(C) raising, feeding, or keeping animals for breeding purposes or for the production of food or fiber, leather, pelts, or other tangible products having a commercial value;

(D) raising or keeping equine animals;

(E) wildlife management; and

(F) planting cover crops, including cover crops cultivated for transplantation, or leaving land idle for the purpose of participating in any governmental program or normal crop or livestock rotation procedure.

(2) Agricultural use--Any use or activity involving agriculture, including irrigation.

(3) Best management practices--Voluntary efficiency measures that save a quantifiable amount of water, either directly or indirectly, and that can be implemented within a specific time frame.

(4) Conservation--Those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water, or increase the recycling and reuse of water so that a water supply is made available for future or alternative uses.

(5) Commercial use--The use of water by a place of business, such as a hotel, restaurant, or office building. This does not include multi-family residences or agricultural, industrial, or institutional users.

(6) Drought contingency plan--A strategy or combination of strategies for temporary supply and demand management responses to temporary and potentially recurring water supply shortages and other water supply emergencies. A drought contingency plan may be a separate document identified as such or may be contained within another water management document(s).

(7) Industrial use--The use of water in processes designed to convert materials of a lower order of value into forms having greater usability and commercial value, and the development of power by means other than hydroelectric, but does not include agricultural use.

(8) Institutional use--The use of water by an establishment dedicated to public service, such as a school, university, church, hospital, nursing home, prison or government facility. All facilities dedicated to public service are considered institutional regardless of ownership.

(9) Irrigation--The agricultural use of water for the irrigation of crops, trees, and pastureland, including, but not limited to, golf courses and parks which do not receive water from a public water supplier.

(10) Irrigation water use efficiency--The percentage of that amount of irrigation water which is beneficially used by agriculture crops or other vegetation relative to the amount of water diverted from the source(s) of supply. Beneficial uses of water for irrigation purposes include, but are not limited to, evapotranspiration needs for vegetative maintenance and growth, salinity management, and leaching requirements associated with irrigation.

(11) Mining use--The use of water for mining processes including hydraulic use, drilling, washing sand and gravel, and oil field re-pressuring.

(12) Municipal use--The use of potable water provided by a public water supplier as well as the use of sewage effluent for residential, commercial, industrial, agricultural, institutional, and wholesale uses.

(13) Nursery grower--A person engaged in the practice of floriculture, viticulture, silviculture, and horticulture, including the cultivation of plants in containers or nonsoil media, who grows more than 50% of the products that the person either sells or leases, regardless of the variety sold, leased, or grown. For the purpose of this definition, grow means the actual cultivation or propagation of the product beyond the mere holding or maintaining of the item prior to sale or lease, and typically includes activities associated with the production or multiplying of stock such as the development of new plants from cuttings, grafts, plugs, or seedlings.

(14) Pollution--The alteration of the physical, thermal, chemical, or biological quality of, or the contamination of, any water in the state that renders the water harmful, detrimental, or injurious to humans, animal life, vegetation, or property, or to the public health, safety, or welfare, or impairs the usefulness or the public enjoyment of the water for any lawful or reasonable purpose.

(15) Public water supplier--An individual or entity that supplies water to the public for human consumption.

(16) Regional water planning group--A group established by the Texas Water Development Board to prepare a regional water plan under Texas Water Code, §16.053.

(17) Residential gallons per capita per day--The total gallons sold for residential use by a public water supplier divided by the residential population served and then divided by the number of days in the year.

(18) Residential use--The use of water that is billed to single and multi-family residences, which applies to indoor and outdoor uses.

(19) Retail public water supplier--An individual or entity that for compensation supplies water to the public for human consumption. The term does not include an individual or entity that supplies water to itself or its employees or tenants when that water is not resold to or used by others.

(20) Reuse--The authorized use for one or more beneficial purposes of use of water that remains unconsumed after the water is used for the original purpose of use and before that water is either disposed of or discharged or otherwise allowed to flow into a watercourse, lake, or other body of state-owned water.

(21) Total use--The volume of raw or potable water provided by a public water supplier to billed customer sectors or nonrevenue uses and the volume lost during conveyance, treatment, or transmission of that water.

(22) Total gallons per capita per day (GPCD)--The total amount of water diverted and/or pumped for potable use divided by the total permanent population divided by the days of the year. Diversion volumes of reuse as defined in this chapter shall be credited against total diversion volumes for the purposes of calculating GPCD for targets and goals.

(23) Water conservation coordinator--The person designated by a retail public water supplier that is responsible for implementing a water conservation plan.

(24) Water conservation plan--A strategy or combination of strategies for reducing the volume of water withdrawn from a water supply source, for reducing the loss or waste of water, for maintaining or improving the efficiency in the use of water, for increasing the

recycling and reuse of water, and for preventing the pollution of water. A water conservation plan may be a separate document identified as such or may be contained within another water management document(s).

(25) Wholesale public water supplier--An individual or entity that for compensation supplies water to another for resale to the public for human consumption. The term does not include an individual or entity that supplies water to itself or its employees or tenants as an incident of that employee service or tenancy when that water is not resold to or used by others, or an individual or entity that conveys water to another individual or entity, but does not own the right to the water which is conveyed, whether or not for a delivery fee.

(26) Wholesale use--Water sold from one entity or public water supplier to other retail water purveyors for resale to individual customers.

Source Note: The provisions of this §288.1 adopted to be effective May 3, 1993, 18 TexReg 2558; amended to be effective February 21, 1999, 24 TexReg 949; amended to be effective April 27, 2000, 25 TexReg 3544; amended to be effective August 15, 2002, 27 TexReg 7146; amended to be effective October 7, 2004, 29 TexReg 9384; amended to be effective January 10, 2008, 33 TexReg 193; amended to be effective December 6, 2012, 37 TexReg 9515; amended to be effective August 16, 2018, 43 TexReg 5218

<u>TITLE 30</u>	ENVIRONMENTAL QUALITY
<u>PART 1</u>	TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
<u>CHAPTER 288</u>	WATER CONSERVATION PLANS, DROUGHT CONTINGENCY PLANS, GUIDELINES AND REQUIREMENTS
<u>SUBCHAPTER A</u>	WATER CONSERVATION PLANS
RULE §288.2	Water Conservation Plans for Municipal Uses by Public Water Suppliers

(a) A water conservation plan for municipal water use by public water suppliers must provide information in response to the following. If the plan does not provide information for each requirement, the public water supplier shall include in the plan an explanation of why the requirement is not applicable.

(1) Minimum requirements. All water conservation plans for municipal uses by public water suppliers must include the following elements:

(A) a utility profile in accordance with the Texas Water Use Methodology, including, but not limited to, information regarding population and customer data, water use data (including total gallons per capita per day (GPCD) and residential GPCD), water supply system data, and wastewater system data;

(B) a record management system which allows for the classification of water sales and uses into the most detailed level of water use data currently available to it, including, if possible, the sectors listed in clauses (i) - (vi) of this subparagraph. Any new billing system purchased by a public water supplier must be capable of reporting detailed water use data as described in clauses (i) - (vi) of this subparagraph:

- (i) residential;
 - (I) single family;
 - (II) multi-family;
- (ii) commercial;

- (iii) institutional;
- (iv) industrial;
- (v) agricultural; and,
- (vi) wholesale.

(C) specific, quantified five-year and ten-year targets for water savings to include goals for water loss programs and goals for municipal use in total GPCD and residential GPCD. The goals established by a public water supplier under this subparagraph are not enforceable;

(D) metering device(s), within an accuracy of plus or minus 5.0% in order to measure and account for the amount of water diverted from the source of supply;

(E) a program for universal metering of both customer and public uses of water, for meter testing and repair, and for periodic meter replacement;

(F) measures to determine and control water loss (for example, periodic visual inspections along distribution lines; annual or monthly audit of the water system to determine illegal connections; abandoned services; etc.);

(G) a program of continuing public education and information regarding water conservation;

(H) a water rate structure which is not "promotional," i.e., a rate structure which is cost-based and which does not encourage the excessive use of water;

(I) a reservoir systems operations plan, if applicable, providing for the coordinated operation of reservoirs owned by the applicant within a common watershed or river basin in order to optimize available water supplies; and

(J) a means of implementation and enforcement which shall be evidenced by:

(i) a copy of the ordinance, resolution, or tariff indicating official adoption of the water conservation plan by the water supplier; and

(ii) a description of the authority by which the water supplier will implement and enforce the conservation plan; and

(K) documentation of coordination with the regional water planning groups for the service area of the public water supplier in order to ensure consistency with the appropriate approved regional water plans.

(2) Additional content requirements. Water conservation plans for municipal uses by public drinking water suppliers serving a current population of 5,000 or more and/or a projected population of 5,000 or more within the next ten years subsequent to the effective date of the plan must include the following elements:

(A) a program of leak detection, repair, and water loss accounting for the water transmission, delivery, and distribution system;

(B) a requirement in every wholesale water supply contract entered into or renewed after official adoption of the plan (by either ordinance, resolution, or tariff), and including any contract extension, that each successive wholesale customer develop and implement a water conservation plan or water conservation measures using the applicable elements in this chapter. If the customer intends to resell the water, the contract between the initial supplier and customer must provide that the contract for the resale of the water must have water conservation requirements so that each successive customer in the resale of the water will be required to implement water conservation measures in accordance with the provisions of this chapter.

(3) Additional conservation strategies. Any combination of the following strategies shall be selected by the water supplier, in addition to the minimum requirements in paragraphs (1) and (2) of this subsection, if they are necessary to achieve the stated water conservation goals of the plan. The commission may require that any of the following strategies be implemented by the water supplier if the commission determines that the strategy is necessary to achieve the goals of the water conservation plan:

(A) conservation-oriented water rates and water rate structures such as uniform or increasing block rate schedules, and/or seasonal rates, but not flat rate or decreasing block rates;

(B) adoption of ordinances, plumbing codes, and/or rules requiring water-conserving plumbing fixtures to be installed in new structures and existing structures undergoing substantial modification or addition;

(C) a program for the replacement or retrofit of water-conserving plumbing fixtures in existing structures;

(D) reuse and/or recycling of wastewater and/or graywater;

(E) a program for pressure control and/or reduction in the distribution system and/or for customer connections;

(F) a program and/or ordinance(s) for landscape water management;

(G) a method for monitoring the effectiveness and efficiency of the water conservation plan; and

(H) any other water conservation practice, method, or technique which the water supplier shows to be appropriate for achieving the stated goal or goals of the water conservation plan.

(b) A water conservation plan prepared in accordance with 31 TAC §363.15 (relating to Required Water Conservation Plan) of the Texas Water Development Board and substantially meeting the requirements of this section and other applicable commission rules may be submitted to meet application requirements in accordance with a memorandum of understanding between the commission and the Texas Water Development Board.

(c) A public water supplier for municipal use shall review and update its water conservation plan, as appropriate, based on an assessment of previous five-year and ten-year targets and any other new or updated information. The public water supplier for municipal use shall review and update the next revision of its water conservation plan every five years to coincide with the regional water planning group.

APPENDIX B

TEXAS ADMINISTRATIVE CODE TITLE 30 CHAPTER 288

The TCEQ rules governing development of drought contingency plans are contained in Title 30, Chapter 288, Subchapter B of the Texas Administrative Code, which is included in this Appendix for reference.

The drought contingency plan elements required by the TCEQ rules that are covered in this drought contingency plan are listed below.

Minimum Drought Contingency Plan Requirements for Public Water Suppliers

- **288.20(a)(1)(A)** – Provisions to Inform Public and Provide Opportunity for Public Input - Section 2
- **288.20(a)(1)(B)** – Program for Continuing Public Education and Information – Section 2
- **288.20(a)(1)(C)** –Coordination with Regional Water Planning Groups – Section 2
- **288.20(a)(1)(D)** – Description of Information to Be Monitored and Criteria for the Initiation and Termination of Water Resource Management Stages – Sections 2
- **288.20(a)(1)(E)** – Stages for Implementation of Measures in Response to Situations – Section 3
- **288.20(a)(1)(F)** – Specific, Quantified Targets for Water Use Reductions During Water Shortages – Section 3
- **288.20(a)(1)(G)** – Specific Water Supply or Water Demand Measures to Be Implemented at Each Stage of the Plan – Section 3
- **288.20(a)(1)(H)** – Procedures for Initiation and Termination of Drought Contingency and Water Emergency Response Stages – Section 2
- **288.20(a)(1)(I)** – Description of Procedures to Be Followed for Granting Variances to the Plan – Section 2
- **288.20(a)(1)(J)** – Procedures for Enforcement of Mandatory Water Use Restrictions – Section 2
- **288.20(b)** – TCEQ Notification of Implementation of Mandatory Provisions – Sections 2 and 3
- **288.20(c)** – Review of Drought Contingency and Water Emergency Response Plan Every Five (5) Years – Section 2

<u>TITLE 30</u>	ENVIRONMENTAL QUALITY
<u>PART 1</u>	TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
<u>CHAPTER 288</u>	WATER CONSERVATION PLANS, DROUGHT CONTINGENCY PLANS, GUIDELINES AND REQUIREMENTS
<u>SUBCHAPTER B</u>	DROUGHT CONTINGENCY PLANS
RULE §288.20	Drought Contingency Plans for Municipal Uses by Public Water Suppliers

(a) A drought contingency plan for a retail public water supplier, where applicable, must include the following minimum elements.

(1) Minimum requirements. Drought contingency plans must include the following minimum elements.

(A) Preparation of the plan shall include provisions to actively inform the public and affirmatively provide opportunity for public input. Such acts may include, but are not limited to, having a public meeting at a time and location convenient to the public and providing written notice to the public concerning the proposed plan and meeting.

(B) Provisions shall be made for a program of continuing public education and information regarding the drought contingency plan.

(C) The drought contingency plan must document coordination with the regional water planning groups for the service area of the retail public water supplier to ensure consistency with the appropriate approved regional water plans.

(D) The drought contingency plan must include a description of the information to be monitored by the water supplier, and specific criteria for the initiation and termination of drought response stages, accompanied by an explanation of the rationale or basis for such triggering criteria.

(E) The drought contingency plan must include drought or emergency response stages providing for the implementation of measures in response to at least the following situations:

- (i) reduction in available water supply up to a repeat of the drought of record;
- (ii) water production or distribution system limitations;

(iii) supply source contamination; or

(iv) system outage due to the failure or damage of major water system components (e.g., pumps).

(F) The drought contingency plan must include specific, quantified targets for water use reductions to be achieved during periods of water shortage and drought. The entity preparing the plan shall establish the targets. The goals established by the entity under this subparagraph are not enforceable.

(G) The drought contingency plan must include the specific water supply or water demand management measures to be implemented during each stage of the plan including, but not limited to, the following:

(i) curtailment of non-essential water uses; and

(ii) utilization of alternative water sources and/or alternative delivery mechanisms with the prior approval of the executive director as appropriate (e.g., interconnection with another water system, temporary use of a non-municipal water supply, use of reclaimed water for non-potable purposes, etc.).

(H) The drought contingency plan must include the procedures to be followed for the initiation or termination of each drought response stage, including procedures for notification of the public.

(I) The drought contingency plan must include procedures for granting variances to the plan.

(J) The drought contingency plan must include procedures for the enforcement of mandatory water use restrictions, including specification of penalties (e.g., fines, water rate surcharges, discontinuation of service) for violations of such restrictions.

(2) Privately-owned water utilities. Privately-owned water utilities shall prepare a drought contingency plan in accordance with this section and incorporate such plan into their tariff.

(3) Wholesale water customers. Any water supplier that receives all or a portion of its water supply from another water supplier shall consult with that supplier and shall include in the drought contingency plan appropriate provisions for responding to reductions in that water supply.

(b) A wholesale or retail water supplier shall notify the executive director within five business days of the implementation of any mandatory provisions of the drought contingency plan.

(c) The retail public water supplier shall review and update, as appropriate, the drought contingency plan, at least every five years, based on new or updated information, such as the adoption or revision of the regional water plan.

Source Note: The provisions of this §288.20 adopted to be effective February 21, 1999, 24 TexReg 949; amended to be effective April 27, 2000, 25 TexReg 3544; amended to be effective October 7, 2004, 29 TexReg 9384

Appendix C

TCEQ Water Utility Profile

The following appendix contains the form TCEQ-10218 and/or TCEQ-20162.



Texas Commission on Environmental Quality

**UTILITY PROFILE AND WATER CONSERVATION PLAN
REQUIREMENTS FOR MUNICIPAL WATER USE
BY RETAIL PUBLIC WATER SUPPLIERS**

This form is provided to assist retail public water suppliers in water conservation plan development. If you need assistance in completing this form or in developing your plan, please contact the conservation staff of the Resources Protection Team in the Water Availability Division at (512)239-4691.

City of Wylie - Utility Profile Based on TCEQ Format

Name: City of Wylie

Address: 949 Hensley Lane
Wylie, TX 75098

Telephone Number: (972)516-6151

Water Right No.(s): --

Regional Water Planning Group: Region C

Form Completed by: Adam Conner

Title: Freese and Nichols

Person responsible for implementing conservation program: Albert Garza

Signature: _____ Date:

NOTE: If the plan does not provide information for each requirement, include an explanation of why the requirement is not applicable.

UTILITY PROFILE

I. POPULATION AND CUSTOMER DATA

A. Population and Service Area Data

1. Attach a copy of your service-area map.
 See figure of service area in WCP

2. Service area size (square miles): 24.63

3. Current population of service area: 47,332

4. Current population served for:
 a. water: 47,332
 b. wastewater: 47,332

5. Population served by utility for the previous five years:

6. Projected population for service area in the following decades:

<u>Year</u>	<u>Population</u>	<u>Year</u>	<u>Population</u>
<u>2018</u>	<u>44,418</u>	<u>2030</u>	<u>47,379</u>
<u>2019</u>	<u>44,934</u>	<u>2040</u>	<u>46,874</u>
<u>2020</u>	<u>46,506</u>	<u>2050</u>	<u>49,115</u>
<u>2021</u>	<u>47,133</u>	<u>2060</u>	<u>50,589</u>
<u>2022</u>	<u>47,332</u>	<u>2070</u>	<u>50,589</u>

7. List source or method for the calculation of current and projected population size.
TWDB Water Use Surveys and 2026 Region C Final Population Projections

B. Customers Data

Senate Bill 181 requires that uniform consistent methodologies for calculating water use and conservation be developed and available to retail water providers and certain other water use sectors as a guide for preparation of water use reports, water conservation plans, and reports on water conservation efforts. A water system must provide the most detailed level of customer and water use data available to it, however, any new billing system purchased must be capable of reporting data for each of the sectors listed below. http://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/sb181_guidance.pdf

1. Current number of active connections. Check whether multi-family service is counted as Residential or Commercial?

Note: This represents retail connection count in 2022

<i>Treated Water Users</i>	<i>Metered</i>	<i>Non-Metered</i>	<i>Totals</i>
Residential - Single Family	12,871		12,871
Residential - Multi Family	2,001		2,001
Institutional	59		59
Commerical	822		822
Industrial	21		21
Agriculture	0		0
Reuse	0		0
Total Unmetered	0	0	0
TOTAL	15,774	0	15,774

2. List the number of new connections per year for most recent three years.

<i>Year</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>
<i>Treated Water Users</i>			
Residential - Single Family	2,166	-1,701	103
Residential - Multi Family	-1,667	2,014	-13
Institutional	5	-61	-3
Commerical	15	-37	-24
Industrial	0	-1	0
Agriculture	0	0	0
Reuse	0	0	0
Total Unmetered	0	0	0
TOTAL	519	214	63

3. List of annual water use for the five highest volume customers.

Note: This represents highest retail customers in 2023

<i>Customer</i>	<i>Use (1,000 gal/year)</i>	<i>Treated or Raw</i>
1. Collin County Community College	14,852	Treated
2. Sanden International	12,083	Treated
3. Nortex Nursery	10,702	Treated
4. Tower Extrusions, LLC	9,582	Treated
5. Founders Plaza Nursing and Rehab	5,759	Treated

II. WATER USE DATA FOR SERVICE AREA

A. Water Accounting Data

1. List the amount of water use for the previous five years (in 1,000 gallons.)
 Indicate whether this is diverted or treated water.

<u>Year</u> <u>Month</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
January	113,451	94,790	114,430	97,770	95,671
February	105,434	89,720	92,210	106,220	90,358
March	107,858	109,260	103,350	114,260	99,646
April	121,665	116,800	136,070	121,690	125,768
May	176,465	133,370	140,300	93,480	147,214
June	174,043	130,880	210,070	145,640	175,213
July	246,576	196,090	230,990	175,930	266,004
August	225,595	261,130	257,900	206,840	236,550
September	133,912	203,110	163,560	200,640	189,011
October	120,146	164,300	169,480	143,710	191,343
November	111,379	109,800	112,020	108,540	119,442
December	98,051	94,730	119,320	109,270	120,920
Totals	1,734,575	1,703,980	1,849,700	1,623,990	1,857,140

Describe how the above figures were determined (e.g, from a master meter located at the point of a diversion from the source, or located at a point where raw water enters the treatment plant, or from water sales).

Treated surface water is delivered by North Texas Municipal Water District

2. Amount of water (in 1,000 gallons) delivered/sold as recorded by the following account types for the past five years.

<u>Year</u> <u>Account Types</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
Residential	1,042,159	994,846	1,104,132	1,103,870	1,310,860
Single-Family	1,042,159	994,846	1,104,132	1,031,000	1,173,700
Multi-Family	0	0	0	72,870	137,160
Commercial	267,437	266,432	290,006	273,760	321,240
Industrial/Mining	48,627	30,068	24,532	34,740	360
Institutional	43,781	36,694	35,460	36,110	36,370
Agriculture	0	0	0	0	0
TOTAL	1,402,004	1,328,040	1,454,130	1,448,480	1,668,830

3. List the previous records for water loss for the past five years (the difference between water diverted or treated and water delivered or sold).

<i>Year</i>	<i>Amount (gallons)</i>	<i>Percent</i>
2018	103,731,398	6.0%
2019	78,928,515	4.6%
2020	45,819,000	2.5%
2021	23,454,000	1.4%
2022	62,678,825	3.4%

B. Projected Water Demands

If applicable, attach or cite projected water supply demands from the applicable Regional Water Planning Group for the next ten years using information such as population trends, historical water use, and economic growth in the service area over the next ten years and any additional water supply requirements from such growth.

Year	Projected Demand of Served Population (AF/Y)	Source of data
2022	5,121	<i>Actual Demand</i>
2023	5,348	<i>Interpolated</i>
2024	5,575	<i>Interpolated</i>
2025	5,802	<i>Interpolated</i>
2026	6,028	<i>Interpolated</i>
2027	6,255	<i>Interpolated</i>
2028	6,482	<i>Interpolated</i>
2029	6,708	<i>Interpolated</i>
2030	6,935	<i>2026 Region C Plan</i>
2031	6,925	<i>Interpolated</i>

Note: Projections for 2022-2030 are calculated by taking the 2022 actual demand and interpolating to the 2030 projection from the draft 2026 Region C Plan. Projections for 2030-2040 are calculated by interpolating between the 2030 and 2040 projections from the 2026 Region C Plan. Projections include TWDB estimated reductions for plumbing fixtures.

III. WATER SUPPLY SYSTEM DATA

A. Water Supply Sources

List all current water supply sources and the amounts authorized (in acre feet) with each.

<i>Water Type</i>	<i>Source</i>	<i>Amount Authorized</i>
Surface Water	-	-
Groundwater	-	-
Contracts	North Texas Municipal Water District	-
Other	-	-
Total	-	0

B. Treatment and Distribution System

1. Design daily capacity of system: 41.328 MGD

Treatment Plant	Design Well Pumping Capacity (MGD)	Firm Well Pumping Capacity (MGD)
NA		
TOTAL		

2. Storage capacity: 9.0 MG

- a. Elevated 3.0 MG
- b. Ground 6.0 MG

3. If surface water, do you recycle filter backwash to the head of the plant?
 Yes No If yes, approximate amount (MGD):

IV. WASTEWATER SYSTEM DATA

A. Wastewater System Data (if applicable)

1. Design capacity of wastewater treatment plant(s) (MGD):

2. Treated effluent is used for:
- on-site irrigation,
 - off-site irrigation,
 - plant wash-down, and or
 - chlorination/dechlorination.

If yes, approximate amount (in gallons per month):

3. Briefly describe the wastewater system(s) of the area serviced by the water utility. Describe how treated wastewater is disposed. Where applicable, identify treatment plant(s) with the TCEQ name and number, the operator, owner, and the receiving stream if wastewater is discharged.

Treatment Plant Name	TCEQ Number	Permitted Discharge (MGD)*	Operator	Owner	Receiving Stream
Muddy Creek WWTP	WQ0014216001	10 MGD** 20MGD***	NTMWD	NTMWD	Muddy Creek

*Note: Permitted discharges listed represent the current and build-out facility design capacities (MGD).

Authorized discharge prior to expansion *Authorized discharge following expansion

B. Wastewater Data for Service Area (if applicable)

1. Percent of water service area served by wastewater system: _____
2. Monthly volume treated for previous five years (in 1,000 gallons):

<i>Year</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>
<i>Month</i>				
January	250,330	247,801	239,769	220,757
February	204,645	257,762	221,157	203,194
March	231,245	342,886	252,211	223,204
April	276,640	239,508	239,814	230,448
May	310,972	240,391	326,831	238,889
June	252,058	230,641	304,841	213,529
July	197,859	222,504	249,122	185,823
August	180,851	226,450	215,461	205,289
September	170,287	251,036	188,805	197,731
October	195,176	189,559	209,757	211,595
November	202,814	179,304	216,197	278,329
December	205,332	214,278	214,340	274,740
Totals	2,678,209	2,842,120	2,878,302	2,683,526

*Volumes are measured from Muddy Creek, which serves both Murphy and Wylie

Appendix D
NTMWD Member City and
Customer Annual Water
Conservation Report

APPENDIX D
NTMWD MEMBER CITY AND CUSTOMER WATER CONSERVATION REPORT
Due: March 31 of every year

Contact Information

TWDB Survey Number:	957600
Name of System:	City of Wylie
PWS ID:	430011
Contact Name:	Albert Garza
Title:	Utilities Manager
Email Address:	Albert.garza@wylietexas.gov
Telephone Number:	972-516-6151
Year Covered:	2022
Days in Year	365

Water System Information

Estimated Water Service Area Population: 47,232

of Backflow Preventers: 6,866

Reference RG-195 Rules and Regulations for Public Water Systems 290.38(10). Population was determined by multiplying the number of service connection by three. Service connections in an apartment complex would be equal the number of individual apartment

Source: units.

Peak Day Usage

Delivery Point	Total System	1A	2	3
Peak Day (MG)	10.96	4.28	3.75	5.68
Average Day (MG)	5.09	0.99	1.83	2.26
Peak/Average Day Ratio	2.15	4.30	2.04	2.51
Firm Pumping Capacity (MGD)	31.90	10.66	9.22	12.02
Storage Volume (MG)	6.50	1.50	2.50	2.00

Authorized Consumption and Water Loss

Total System Input Volume:	1,857
Billed Metered:	1,704
Billed Unmetered (MG):	0
Unbilled Metered (MG):	0
Unbilled Unmetered (MG):	126
Total Authorized Consumption:	1,830
Water Loss (MG):	27
Water Loss (gpcd):	2
Water Loss (percent):	1%

Description: 0

Description: 0

Description: Estimated water not billed or metered, such as most line flushing.

Per Capita Use (Gallons per person per day)

Total Use (MG)	<u>1,857</u>
Residential Use (MG)	<u>1,311</u>
Municipal Use (MG)	<u>1,821</u>
ICIM Use (MG)	<u>519</u>
Total Per Capita Use (gpcd)	<u>108</u>
Residential Per Capita Use (gpcd)	<u>76</u>
Municipal Per Capita Use (gpcd)	<u>106</u>
ICIM Per Capita Use (gpcd)	<u>30</u>

Water Conservation Plan 5- and 10-Year Goals for Water Savings

	5-Year Goal	10-Year Goal	
Total GPCD	106	105	<i>Total GPCD = (Total Gallons in System / Permanent Population) / 365</i>
Residential GPCD	63	62	<i>Residential GPCD = (Gallons Used for Residential Use / Residential Population) / 365</i>
Water Loss (GPCD)	9	9	<i>Water Loss GPCD = (Total Water Loss / Permanent Population) / 365</i>
Water Loss (Percentage)	8%	8%	<i>Water Loss Percentage = (Total Water Loss / Total Gallons in System) x 100; or (Water Loss GPCD / Total GPCD) x 100</i>

Retail Water Metered by Month (in Million Gallons):

Month	Sales by Category								
	Residential Single Family	Residential Multi-Family	Public/ Institutional	Commercial	Industrial	Agriculture	Bulk Water Sales	Wholesale	Direct Reuse
January	63.11	8.91	1.04	12.64	2.16	-	0.24	-	-
February	116.81	17.04	2.13	24.19	4.29	-	0.84	-	-
March	60.55	7.87	1.19	13.96	2.92	-	0.90	-	-
April	70.95	9.22	1.46	13.51	3.05	-	0.76	-	-
May	93.25	10.52	2.23	20.47	3.15	-	0.81	-	-
June	120.78	10.70	5.17	41.12	3.12	-	2.85	-	-
July	174.99	13.05	5.35	42.49	3.23	-	2.73	-	-
August	133.92	11.29	5.46	40.32	3.31	-	0.91	-	-
September	110.71	10.28	4.63	38.83	3.18	-	0.69	-	-
October	106.47	10.80	5.53	33.13	2.86	-	0.78	-	-
November	70.48	19.80	1.46	18.20	2.80	-	0.08	-	-
December	51.70	7.69	0.73	10.72	1.95	-	0.09	-	-
TOTAL	1,173.70	137.16	36.37	309.57	36.01	-	11.67	-	-
# of Connections (or Units)	12,871.00	2,001.00	59.00	822.00	21.00	-	-	-	-

Recorded Supplies from Sources by Month (in Million Gallons):

Month	Deliveries from NTMWD	Other Sources						Total Supplies
January	95.67						95.67	
February	90.36						90.36	
March	99.65						99.65	
April	125.77						125.77	
May	147.21						147.21	
June	175.21						175.21	
July	266.00						266.00	
August	236.55						236.55	
September	189.01						189.01	

October	191.34								191.34
November	119.44								119.44
December	120.92								120.92
TOTAL	1,857.14	-	-	-	-	-	-	-	1,857.14

Recorded Supplies by Delivery Point from NTMWD by Month (in Million Gallons):

Month	NTMWD Delivery Point							Total System
	1A	2	3					
January	9.39	44.38	41.90					95.67
February	7.63	44.15	38.58					90.36
March	6.98	48.97	43.69					99.65
April	7.67	60.44	57.66					125.77
May	15.13	65.07	67.01					147.21
June	36.91	59.79	78.52					175.21
July	76.47	72.00	117.54					266.00
August	68.71	63.51	104.33					236.55
September	54.66	50.97	83.39					189.01
October	43.50	63.48	84.36					191.34
November	16.60	48.37	54.47					119.44
December	19.31	48.40	53.20					120.92
TOTAL	362.97	669.52	824.65	-	-	-	-	1,857.14

Wholesale Water Sales to Other Water Systems (in Million Gallons):

	Sale 1	Sale 2	Sale 3	Sale 4	Sale 5	Sale 6	Sale 7	Sale 8	Total Wholesale Sales
<i>Buyer Name</i>									
<i>Type of Water</i>									
<i>Name of Source</i>									
<i>Estimated Water Service Area Population</i>									-
January	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-
November	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-

Water Sales to Industrial Production Facilities (in Million Gallons):

	Sale 1	Sale 2	Sale 3	Sale 4	Sale 5	Sale 6	Sale 7	Sale 8	Total Industrial Production Facilities Sales
<i>Buyer Name</i>									
<i>Type of Water</i>									
<i>Name of Source</i>									
January									-
February									-
March									-
April									-
May									-
June									-
July									-
August									-
September									-
October									-
November									-
December									-
TOTAL	-	-	-	-	-	-	-	-	-

Additional Information

Describe Any ICIM (Industrial, Commercial, Institutional & Multi-Family) Practices being Implemented to Improve Water Efficiency

0

Describe any Unusual Circumstances

0

Provide an Update on Progress in Implementation of Conservation Plan

The City of Wylie is currently keeping track of all unmetered water throughout the City by monitoring the following: Firefighting, Dead End Main Flushing, Unidirectional Flushing, Stormdrain Maintenance, Street Cleaning, Water Main Breaks and Sewer Line Jetting. The City of Wylie Conservation Plan was approved by Council on April 28, 2009. The Water Conservation Plan is posted on the City website for public viewing.

What Conservation Measures are Planned for Next Year?

Public education by posting information on City website, insert in utility bill, and local news letter. Staff will continue educating the public on water conservation as needed when wasteful practices are observed, Enforcement if necessary.

Do City Limits Differ Significantly from Water Service Area? If so, explain.

0

Is there any Assistance Requested from the North Texas Municipal Water District?

Please continue to fund the Water IQ program.

Other?

0

Historical Water Use Data for City of Wylie

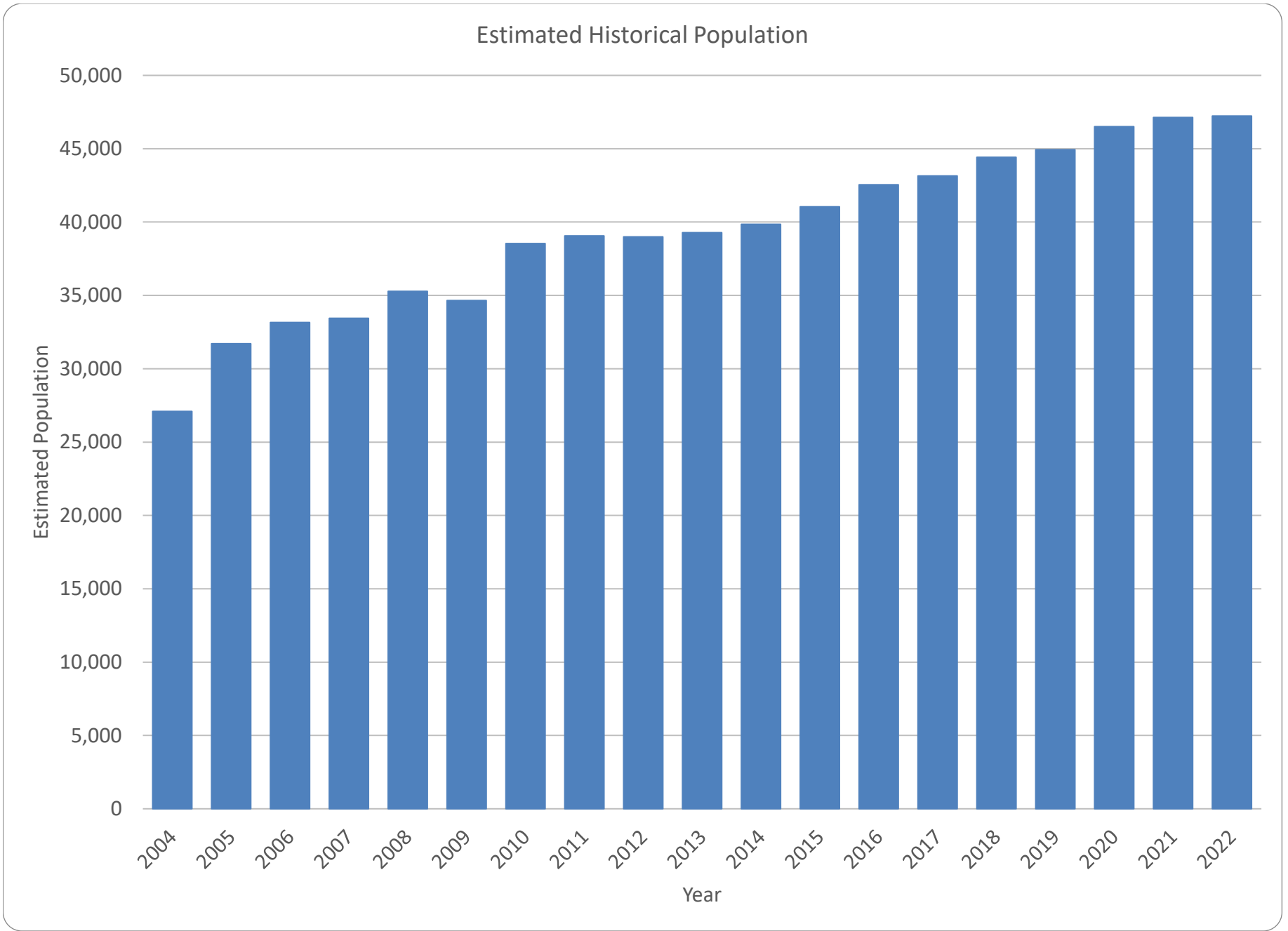
Year	Days in Year	Connections	Estimated Population	Deliveries from NTMWD	Other Supplies	Metered Sales by Category (Million Gallons)									
						Residential	Residential	Public/	Commercial	Industrial	Agriculture	Bulk Water	Wholesale	Direct	Total
2004	366	9,031	27,093	1,275	0	762.93	0.00	42.63	213.30	59.32	0.00	0.00	0.00	0.00	1,078.19
2005	365	10,570	31,710	1,601	0	971.93	0.00	73.13	290.68	87.03	0.00	0.00	0.00	0.00	1,422.77
2006	365	11,052	33,156	1,636	0	1,019.08	0.00	57.23	232.72	118.47	0.00	0.00	0.00	0.00	1,427.50
2007	365	11,147	33,441	1,356	0	821.38	0.00	54.79	175.46	83.44	0.00	0.00	0.00	0.00	1,135.07
2008	366	11,760	35,280	1,574	0	1,070.61	0.00	78.25	229.48	68.16	0.00	0.00	0.00	0.00	1,446.50
2009	365	11,551	34,653	1,476	0	964.67	0.00	51.80	204.24	50.61	0.00	0.00	0.00	0.00	1,271.31
2010	365	12,846	38,538	1,604	0	1,119.63	0.00	57.00	262.11	75.24	0.00	0.00	0.00	0.00	1,513.98
2011	365	13,020	39,060	1,818	0	1,275.83	0.00	75.26	296.95	73.75	0.00	0.00	0.00	0.00	1,721.78
2012	366	12,998	38,994	1,644	0	1,113.70	0.00	75.78	238.22	73.02	0.00	0.00	0.00	0.00	1,500.72
2013	365	13,093	39,279	1,551	0	1,080.60	0.00	54.51	244.98	61.13	0.00	0.00	0.00	0.00	1,441.22
2014	365	13,284	39,852	1,391	0	862.19	0.00	37.36	208.79	56.15	0.00	0.00	0.00	0.00	1,164.49
2015	365	13,681	41,043	1,709	0	1,038.29	0.00	36.44	251.61	54.05	0.00	0.00	0.00	0.00	1,380.38
2016	366	14,182	42,546	1,767	0	982.28	0.00	49.91	277.07	52.57	0.00	0.00	0.00	0.00	1,361.83
2017	365	14,382	43,146	1,668	0	989.53	0.00	38.13	246.16	59.50	0.00	0.00	0.00	0.00	1,333.32
2018	365	14,806	44,418	1,735	0	1,042.16	0.00	43.78	273.67	48.63	0.00	0.00	0.00	0.00	1,408.23
2019	365	14,978	44,934	1,704	0	994.85	0.00	36.69	270.76	30.07	0.00	0.00	0.00	0.00	1,332.36
2020	366	15,502	46,506	1,850	0	1,104.13	0.00	35.46	290.01	24.53	0.00	0.00	0.00	0.00	1,454.13
2021	365	15,711	47,133	1,624	0	1,031.00	72.87	36.11	273.76	34.74	0.00	0.00	0.00	0.00	1,448.48
2022	365	15,774	47,232	1,857	0	1,173.70	137.16	36.37	309.57	36.01	0.00	11.67	0.00	0.00	1,704.49

Note: After 2020, Residential sales were divided into single and multi-family classifications. Historical information from the TWDB Water Use Surveys were incorporated where available. The category of 'Other' was removed and replaced with 'Reuse'. Historical volumes for 'Other' were redistributed into the appropriate category when appropriate. These changes were made to be consistent with TWDB terminology.

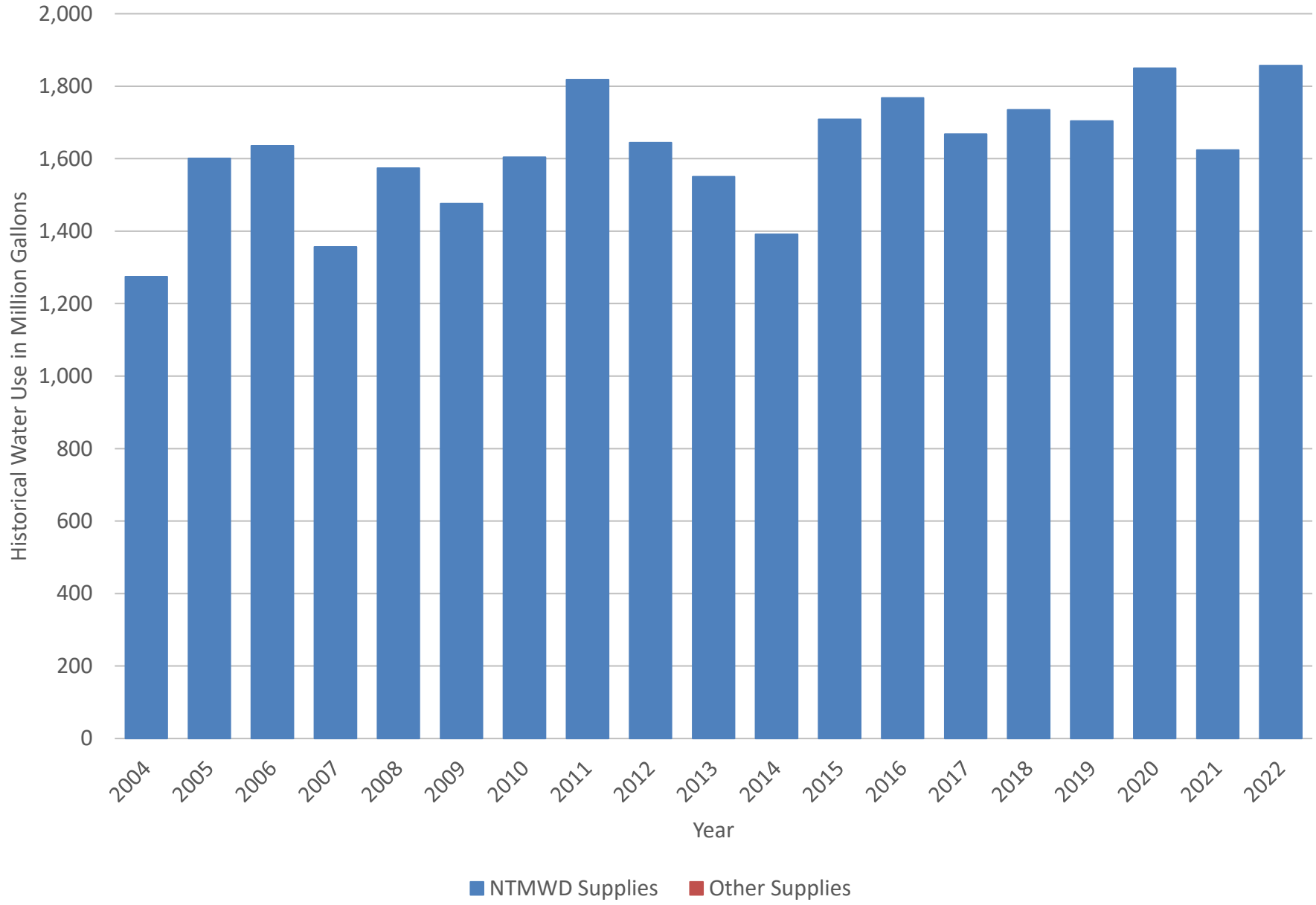
Historical Per Capita Use Data and Water Loss for City of Wylie

Year	Estimated Population	Total Use			Residential Use			Municipal Per Capita Use (gpcd)	ICIM Per Capita Use (gpcd)	Authorized Consumption				Water Loss							
		Total Per Capita Use (gpcd)	Total 5-Year Per Capita Goal	Total 10-Year Per Capita Goal	Residential Per Capita Use (gpcd)	Residential 5-Year Per Capita Goal	Residential 10-Year Per Capita Goal			Billed Metered (MG)	Billed Unmetered (MG)	Unbilled Metered (MG)	Unbilled Unmetered (MG)	Water Loss (MG)	Water Loss (gpcd)	Water Loss 5-Year Per Capita Goal	Water Loss 10-Year Per Capita Goal	Water Loss (percentage)	Water Loss (percentage) 5-Year Goal	Water Loss (percentage) 10-Year Goal	
2004	27,093	129			77			123	31.8	1,078	0	0	1	196	20				15%		
2005	31,710	138			84			131	39.0	1,423	0	14	28	136	12				8%		
2006	33,156	135			84			125	33.7	1,427	0	0	66	142	12				9%		
2007	33,441	111			67			104	25.7	1,135	0	0	36	185	15				14%		
2008	35,280	122			83			117	29.1	1,447	0	0	57	70	5				4%		
2009	34,653	117			76			113	24.2	1,271	0	0	76	128	10				9%		
2010	38,538	114			80			109	28.0	1,514	0	0	24	66	5				4%		
2011	39,060	128			89			122	31.3	1,722	0	0	26	70	5				4%		
2012	38,994	115	112	112	78	89	89	110	27.1	1,500.72	0.00	0.55	24.99	118.02	8	10	10	7%	12%	12%	
2013	39,279	108	112	112	75	89	89	104	25.2	1,441.22	0.00	0.59	17.95	90.84	6	10	10	6%	12%	12%	
2014	39,852	96	112	112	59	89	89	92	20.8	1,164.49	0.00	0.36	37.67	188.97	13	10	10	14%	12%	12%	
2015	41,043	114	112	112	69	89	89	110	22.8	1,380.38	0.00	0.19	56.07	272.19	18	10	10	16%	12%	12%	
2016	42,546	113	112	112	63	89	89	110	24.4	1,361.83	0.00	0.04	206.82	198.64	13	10	10	11%	12%	12%	
2017	43,146	106	106	105	63	63	62	102	21.8	1,333.32	0.00	0.00	190.81	143.91	9	9	9	9%	8%	8%	
2018	44,418	107	106	105	64	63	62	104	22.6	1,408.23	0.00	0.00	181.50	144.84	9	9	9	8%	8%	8%	
2019	44,934	104	106	105	61	63	62	102	20.6	1,332.36	0.00	0.00	264.07	107.54	7	9	9	6%	8%	8%	
2020	46,506	109	106	105	65	63	62	107	20.6	1,454.13	0.00	0.00	353.44	42.12	2	9	9	2%	8%	8%	
2021	47,133	94	106	105	64	63	62	92	24.3	1,448.48	0.00	0.00	156.98	18.52	1	9	9	1%	8%	8%	
2022	47,232	108	106	105	76	63	62	106	30.1	1,704.49	0.00	0.00	126.00	26.65	2	9	9	1%	8%	8%	

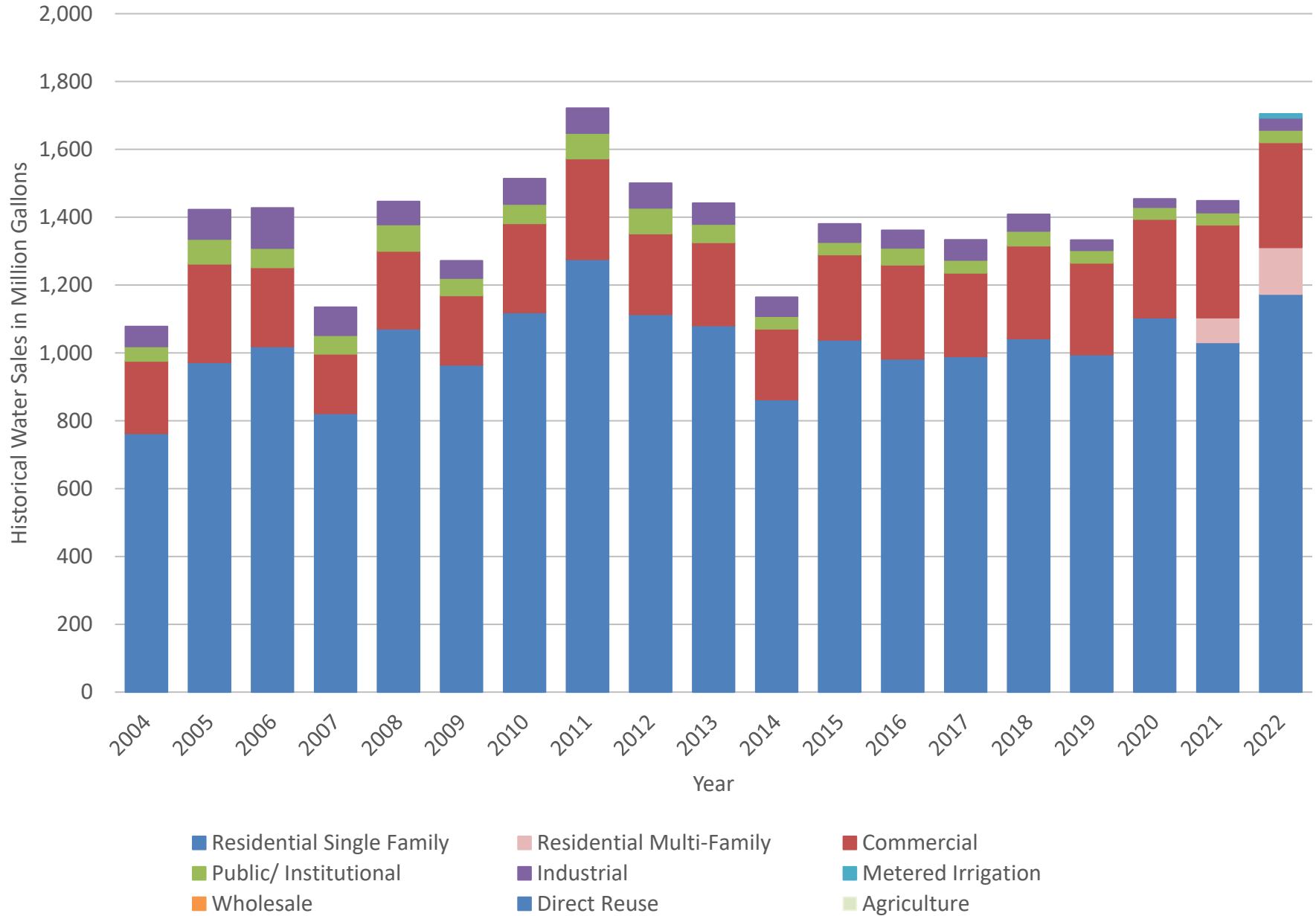
Note:
 In-city municipal use = total water supplied less sales to industry, wholesale sales and other sales.
 After 2017 - Unaccounted Water has been removed and replaced with Water Losses (per TWDB definition). This category is inclusive of real and apparent losses. Categories for authorized consumption were also added; Unbilled metered replaced estimated fire use, unbilled unmetered replaced estimated line flushing, and a new category for billed unmetered sales was added.



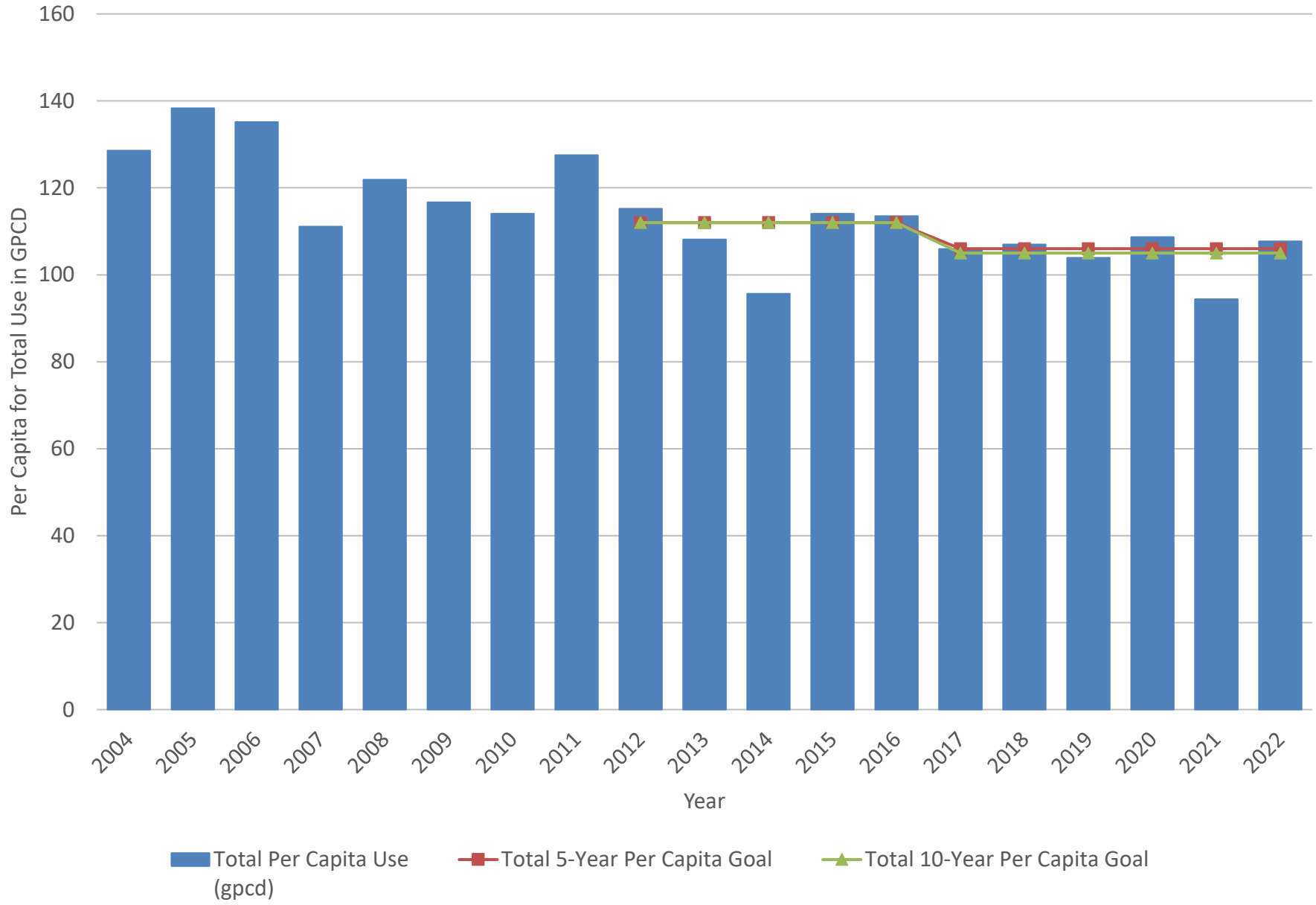
Historical Water Use



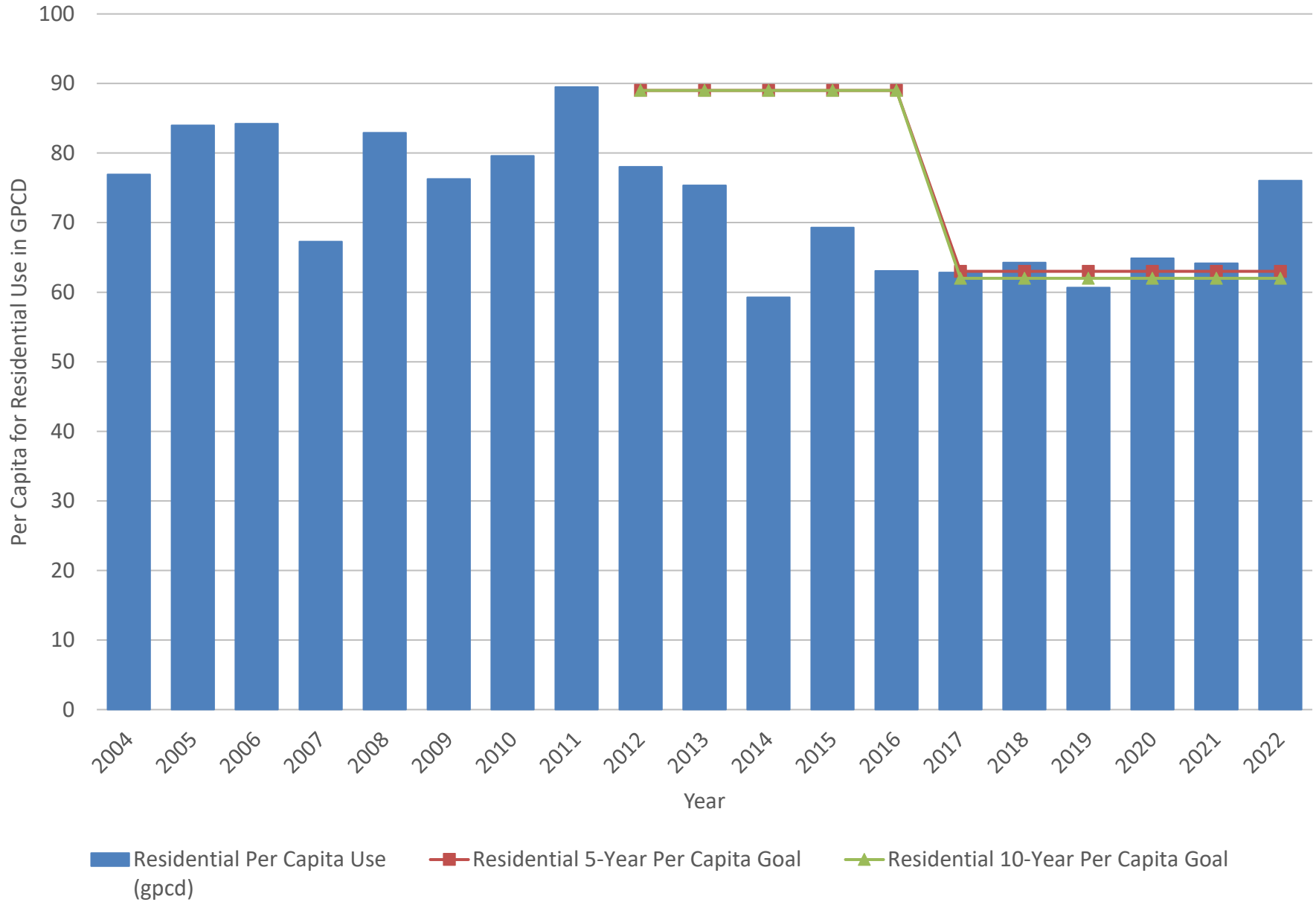
Historical Water Sales by Classification



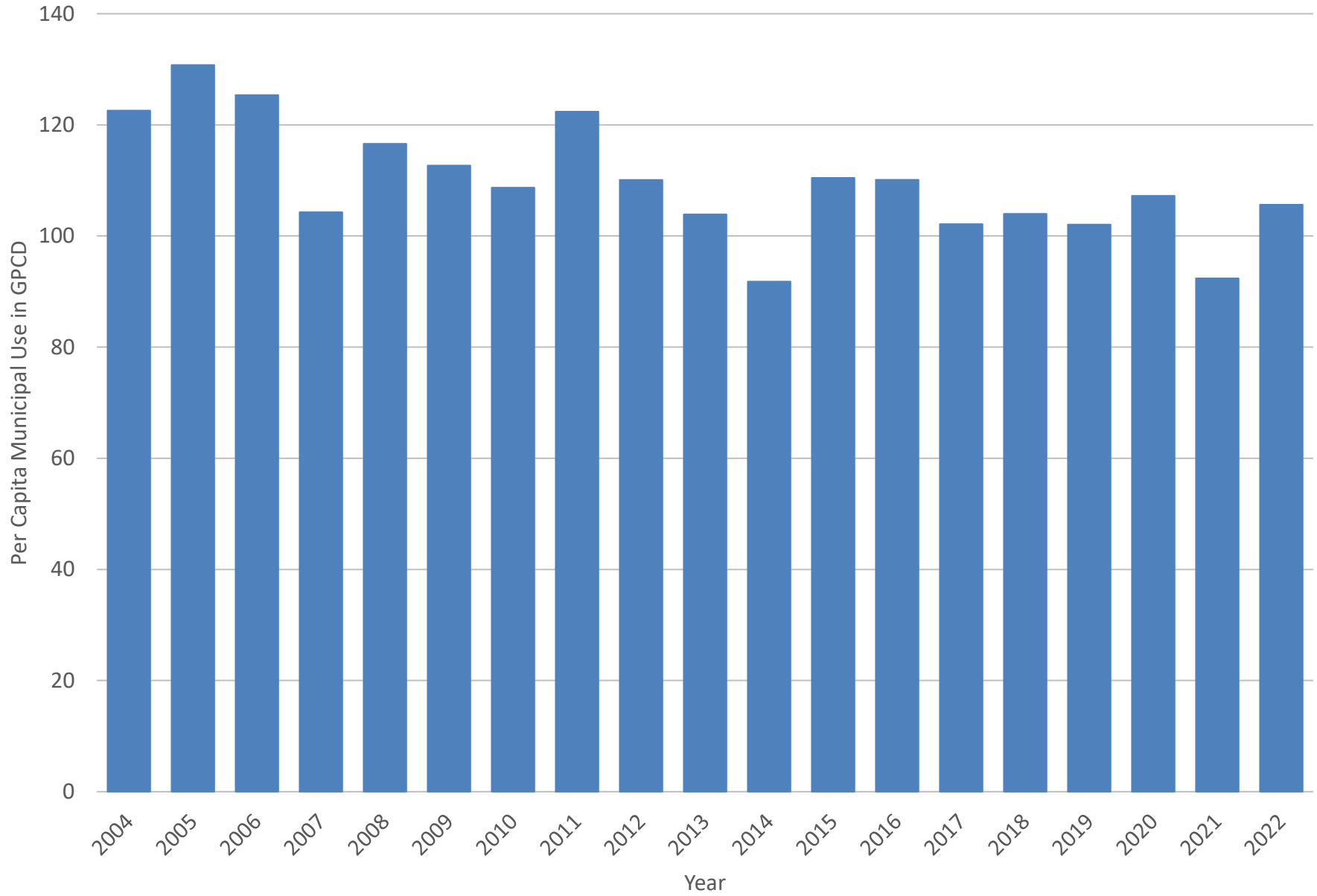
Historical Total Per Capita Use



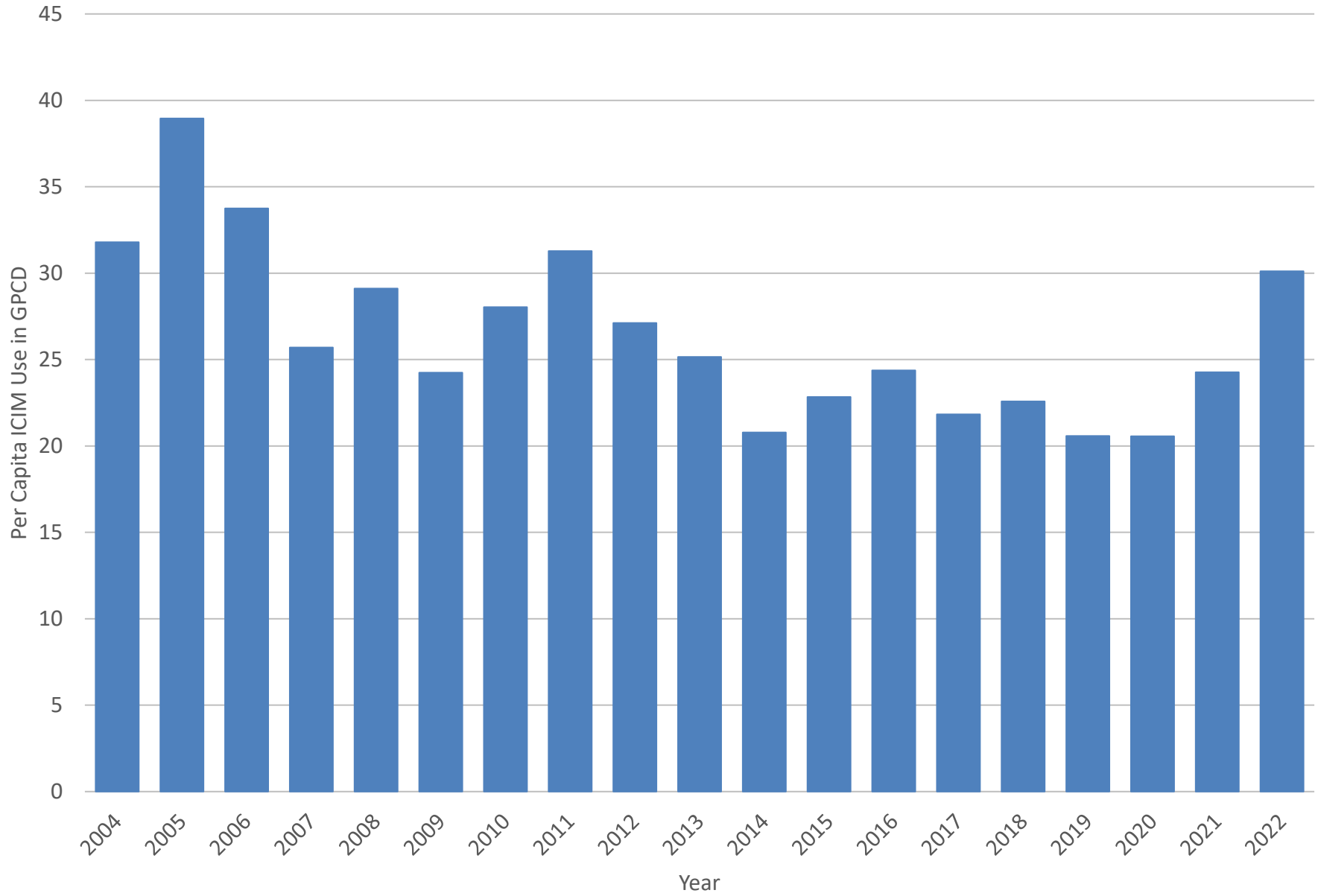
Historical Residential Per Capita Use



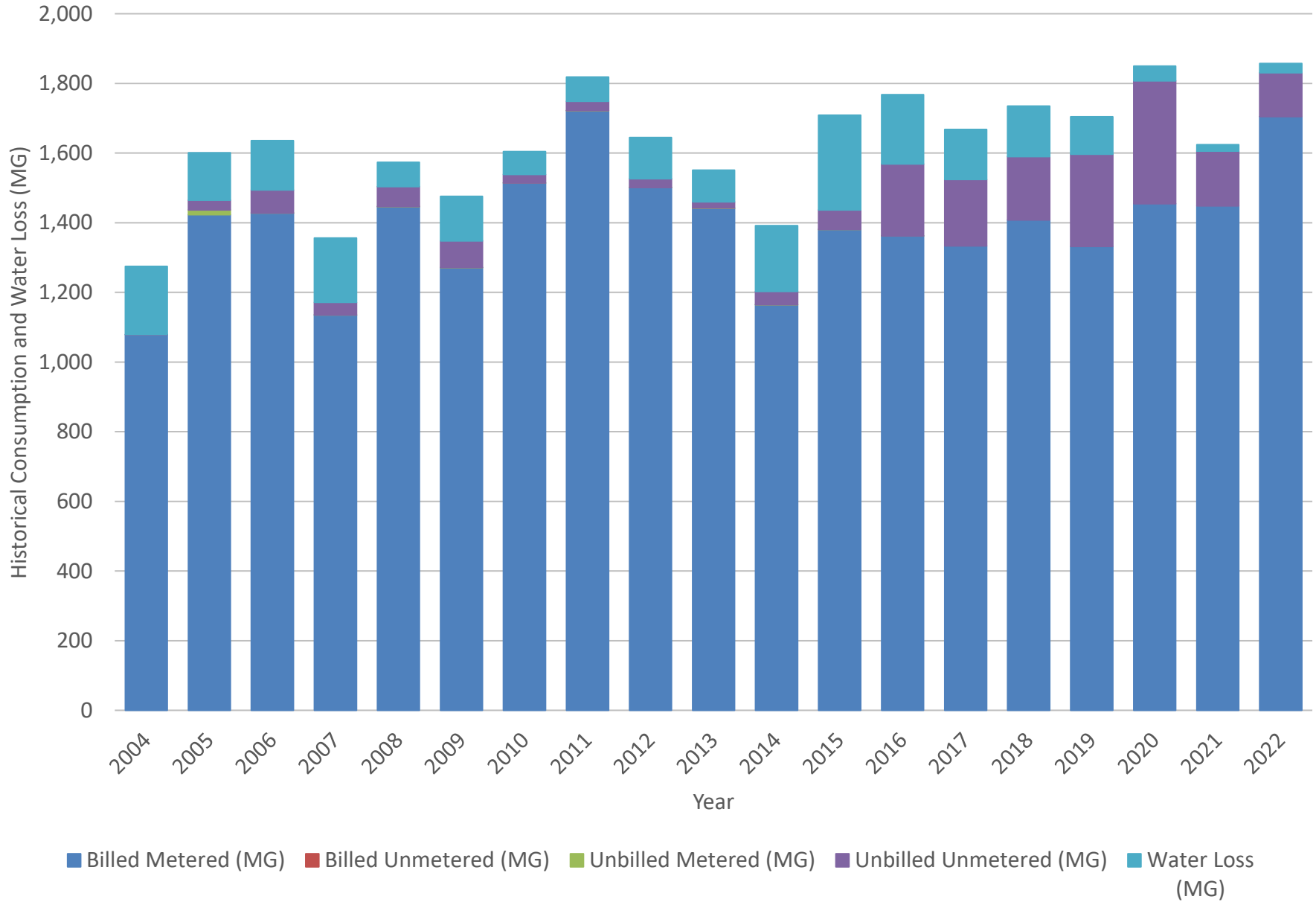
Historical Municipal Per Capita Use



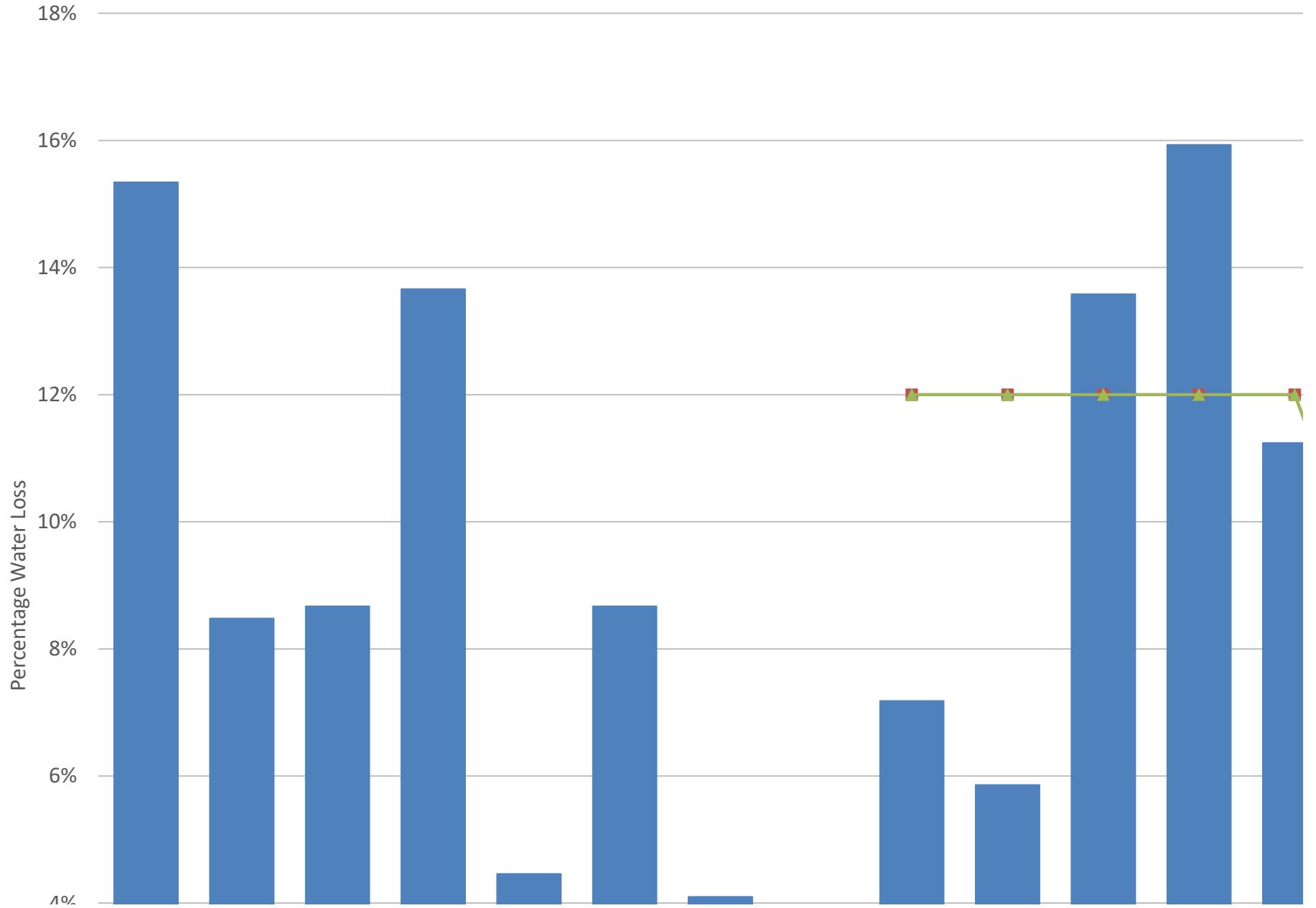
Historical ICIM Per Capita Use



Historical Authorized Consumption and Water Loss



Historical Water Loss (Percentage)



Appendix E

Letters to Regional Water Planning Group and NTMWD

[Enter Date]

Region C Water Planning Group
c/o Trinity River Authority
P.O. Box 60
Arlington, TX 76004

Dear Chair:

Enclosed please find a copy of the Water Conservation and Water Resource and Emergency Management Plan for the City of Wylie. I am submitting a copy of this plan to the Region C Water Planning Group in accordance with the Texas Water Development Board and Texas Commission on Environmental Quality rules. The plans were adopted on 4/23/2024.

Sincerely,

Albert Garza
City of Wylie

[Enter Date]

North Texas Municipal Water District
501 East Brown St.
P.O. Box 2408
Wylie, TX 75098

Dear Ms. Fonnville:

Enclosed please find a copy of the Water Conservation and Water Resource and Emergency Management Plan for the City of Wylie. I am submitting a copy of this plan to the North Texas Municipal Water District in accordance with the Texas Water Development Board and Texas Commission on Environmental Quality rules. The plans were adopted on 4/23/2024.

Sincerely,

Albert Garza
City of Wylie

Appendix F

Adoption of Plans

Appendix G

Landscape Ordinance

Section 7.7 - Landscape Requirements.

- A. *Purpose.* The process of urban development with its alteration of the natural topography, vegetation, and creation of impervious cover can have a negative effect on the ecological balance of an area by causing increases in air temperatures and accelerating the processes of runoff, erosion, and sedimentation. The economic base of the City can and should be protected through the preservation and enhancement of its unique natural beauty, environment, and vegetative space. This section has the following specific purposes:
1. To implement the Wylie Comprehensive Plan.
 2. To aid in stabilizing the environment's ecological balance by contributing to the processes of air purification, oxygen regeneration, groundwater recharge, and (storm water) runoff retardation, while at the same time aiding in noise, glare and heat abatement.
 3. To insure that landscaping is an integral part of development, not an afterthought.
 4. To provide visual buffering between land uses of differing character to alleviate the harshness of urban life.
 5. To enhance the beautification of the City.
 6. To safeguard and enhance property values and to protect public and private investments.
 7. To preserve and protect the unique identity and environment of the City of Wylie and preserve the economic base attracted to the City of Wylie because of these qualities.
 8. To conserve energy.
 9. To protect the public health, safety and general welfare.
- B. *Applicability.*
1. Except as otherwise provided below, these landscape regulations shall apply to all land located in the City of Wylie. These landscaping requirements shall become applicable to each individual lot when a site plan is submitted for Commission review or an application for a building permit on the lot is made. The maintenance requirements in subsection G of this section shall apply to all applications for building permits.
 2. This section does not apply to lots containing only single-family and/or duplex uses where only one single-family or two-family structure is constructed.
 3. This section applies to the following:
 - a. Multifamily Districts.
 - b. Neighborhood Services Districts.
 - c. Community Retail Districts.
 - d. Commercial Corridor Districts.
 - e. Business Center Districts.

- f. Industrial Districts.
 - g. Planned Development Districts.
 - h. Specific Use Permits.
 - i. Applications for building permits or for certificates of occupancy for a change in use.
 - j. Applications for building permits for construction work that:
 - (1) Increases the number of stories in a building on the lot; or
 - (2) Increases by more than ten percent or 10,000 square feet, whichever is less, the combined floor areas of all buildings on the lot; or
 - (3) Increases the non-permeable lot coverage by more than 2,000 square feet.
 - k. Building permit applications for exterior remodeling with a value equal to or greater than \$10,000.00 exclusive of maintenance and repair.
 - 4. When the ordinance becomes applicable to a lot, its requirements are binding on all current and subsequent owners of the lot.
 - 5. When establishing or amending a planned development district, or amending a special use permit, the Council shall, as a minimum, impose landscaping requirements as a part of any ordinance, that are reasonably consistent with the standards and purposes of this section. All landscaping requirements imposed by the Council must be reflected in landscape and irrigation plans that comply in form and content with the requirements of Subsection C. Submission Requirements.
 - 6. The Board may grant a special exception to the landscaping requirements of this section upon making a special finding from the evidence presented that strict compliance with the requirements of this Article will result in substantial financial hardship or inequity to the applicant without sufficient corresponding benefit to the City and its citizens in accomplishing the objectives and purposes of this section. The applicant, to be considered for special exception, must submit a justification statement that describes:
 - a. Which of the requirements set forth in this section will be met with modifications,
 - b. Which project conditions justify using alternatives, and
 - c. How the proposed measures equal or exceed normal compliance.
- C. *Submission Requirements.*
- 1. The landscape and irrigation plans submitted under this section shall:
 - a. Include 6 folded blue or black line copies for review.
 - b. Have a scale of one inch equals 100 feet or larger (e.g., one inch equals 50 feet, or one inch equals 40 feet, etc.) and be on a standard drawing sheet of a size not to exceed 24 inches by 36 inches. In the event a single sheet is not practicable, multiple sheets may be used if, on each sheet:

- (1) Match lines are indicated; and
 - (2) A composite drawing is provided that shows the entire proposed development, location of the match lines, sheet numbers, and the location of the sheet within the proposed development by the shading in of the appropriate area on the composite.
2. Landscape and irrigation plans required under this section must contain the following information:
- a. Date, scale, north arrow, and the names, addresses, and telephone numbers of both the property owner and the person preparing the plan.
 - b. Project name, street address, and lot and block description.
 - c. Location of all buildings, parking areas, walks, and other improvements.
 - d. Location, height, and material of proposed screening and fencing (with berm to be delineated by one-foot contours).
 - e. The location, type and size of all existing trees on the lot must be specifically indicated.
 - f. Complete description of proposed plant materials shown on the plan, including names (common and botanical name), locations, quantities, container or caliper sizes, heights, spread, and spacing.
 - g. Complete description of landscaping and screening to be provided in or near off-street parking and loading areas, including information as to the amount (in square feet) of landscape area compared to gross site square feet.
 - h. Size, height, location, and material of proposed seating, lighting, planters, sculptures, decorative paving, and water features.
 - i. Cross section drawing of berms and grading plan showing berm contours.
 - j. Location of sprinkler heads, valves, double-check valve, water meter, automatic controller and rain and freeze sensors.
 - k. Landscape plans shall contain the certification and a stamp of a landscape architect licensed in the State of Texas that the plans have been reviewed by an architect and satisfy all requirements of these landscape regulations.
 - l. Irrigation plans shall contain the certification and stamp of an irrigator licensed by the State of Texas Board of Irrigators that the plans were prepared by an irrigator and satisfy all requirements of these landscape regulations.

D. General Requirements.

1. Once landscaping is installed according to an approved plan, a landscape architect licensed in the State of Texas shall review the installation and certify that it is in accordance with the approved plan.
- 2.

Due to seasonal planting problems and a lack of plant availability, approved landscape plans may require minor revisions. Revised landscaping plans shall be accepted if:

- a. there is no reduction in the quality of plant material,
 - b. no significant change in size or location of plant materials,
 - c. the new plants are of the same general category (i.e., shade, ornamental, or evergreen trees)
 - d. have the same general design characteristics (mature height, crown spread) as the materials being replaced.
3. All plant material (including street trees and planting within the public right-of-way) shall be watered with an automatic irrigation system subject to the following requirements.
- a. Irrigation sprinkler layouts shall be designed to minimize the amount of spray that will fall on sidewalks, neighboring properties, and adjacent buildings.
 - b. Backflow prevention devices shall be placed in compliance with City of Wylie standards.
 - c. The City encourages the use of water-conserving system design and materials including the use of drip irrigation where appropriate.
 - d. Separate valves for turf and non-turf areas shall be installed to accommodate different water use requirements within the landscaped area.
 - e. Rain sensors are encouraged to be installed and operational to reduce water use.
4. Landscaping in visibility triangles. No landscaping shall obstruct the view between access drives and dedicated streets, parking aisles, or access drives of parking lots. Landscaping within visibility triangles, as defined in subsection 7.8, shall comply with the following requirements:
- a. No plants with a height greater than 2.5 feet are allowed in the visibility triangle, except single trunk trees with a minimum branching clearance of seven feet from the ground to the first branch.
 - b. Trees are to be of a size and so spaced that a visual obstruction that represents a traffic hazard is not created.
 - c. Plants shall not reduce or limit visibility to such an extent that a safety hazard is presented. Plants normally considered as effective screens shall be unacceptable for use in the visibility triangle.
- E. *Landscape Design Requirements.* Specific landscape requirements are provided in Article 3, Residential District Regulations and Article 4, Nonresidential District Regulations. Approved landscape plans shall comply with all base standards and shall meet the desirable design attributes required to gain approval of a site plan or building permit as specified in Article 3 and 4.

F. *Landscape Standards and Specifications.*

1. Plant Materials. All plant materials should be native or adapted to the north Texas region. The Director shall maintain and make available for distribution, a list of acceptable locally-adapted trees and shrubs to meet minimum planting requirements of these regulations.
2. Plant materials shall conform to the requirements described in the latest edition of American Standard For Nursery Stock, published by the American Association of Nurserymen.
3. Plants shall conform to the measurements and specifications listed below, with caliper measurements taken 12 inches above grade. Minimum branching height for all shade trees shall be six feet.
 - a. Minimum size for shade trees shall be three inches in caliper and 14 to 16 feet in height. Tree heights shall be from tops of root balls to nominal tops of plants.
 - b. Trees shall be healthy, vigorous, full-branched, well-shaped and symmetrical.
 - c. Root balls shall be firm, neat, slightly tapered and well-burlapped.
 - d. Trees shall be free of physical damage such as scrapes, bark abrasions, split branches, mistletoe or other parasitic growth.
 - e. Minimum size for ornamental shade trees shall be three inches in diameter.
 - f. Minimum size for ornamental flowering trees shall be eight to ten feet in height.
 - g. Minimum size for evergreen trees shall be eight to ten feet in height.
 - h. Minimum size for shrub containers shall be five gallon. Substitution of three gallon material meeting the height requirement of five gallon shrubs is acceptable. Shrubs shall be full bodied, well-shaped and symmetrical.
 - i. Ground cover spacing shall be eight inches on center maximum for four-inch pots and 16 inches on center maximum for one-gallon containers.
4. The City shall reject any trees delivered and/or planted not meeting the minimum size and shape standards set forth above.
5. All shrub beds shall be edged using steel, concrete, masonry, or pre-cast concrete edging and all plant materials mulched with a two-inch layer of bark or shredded Cypress mulch.

G. *Landscape Maintenance.*

1. All landscaped areas must be kept in a healthy and growing condition. All seasonal plantings must be replaced at the appropriate time as indicated in the landscape plan. Any plant materials that die during a time of year where it is not feasible to replant, shall be replaced as soon as possible.
2. Landscape maintenance includes, but is not limited to, the following:
 - a. Prompt removal of all litter, trash, refuse and waste;

- b. Lawn mowing on a periodic basis during the growing season;
 - c. Shrub pruning according to accepted practices of landscape professionals to maintain plants in a healthy condition;
 - d. Tree pruning according to latest edition of the Tree-Pruning Guidelines published by the International Society of Arboriculture;
 - e. Watering of landscaped areas on a regular basis to maintain good plant health;
 - f. Keeping landscape lighting in working order;
 - g. Keeping lawn and garden areas alive, free of weeds, and attractive; cleaning of abutting waterways and landscaped areas lying between public right-of-way lines and the property unless the streets, waterways or landscaped areas are expressly designated to be maintained by applicable governmental authority.
3. All required landscaped areas shall be irrigated using one of the following methods:
- a. Conventional automatic sprinkler system, installed underground, and using spray and/or bubble type heads;
 - b. Drip or leaky-pipe system using an automatic or manual underground system in conjunction with a water saving system such as drip heads, or leaky-pipes.
 - c. Landscaped areas using xeriscape plants and installation techniques, including native grasses and wildflowers may use a temporary above ground irrigation system.

H. *Enforcement.*

- 1. Any property owner or tenant that fails to meet any of the above maintenance requirements shall:
 - a. Be given a written notice of the failure by the City;
 - b. Within ten days after receiving the notice the property owner or tenants must correct any maintenance shortcomings.
 - c. Should any property owner fail to fulfill this duty and responsibility within the required period, the City may:
 - (1) Revoke any building permits, certificates of occupancy, or other approvals or permits previously issued for the premises; or,
 - (2) Withhold approval for building permits, certificates of occupancy, and other permits or approvals relating to the premises; or
 - (3) Have the right and power to enter onto the premises and perform care and maintenance. The property owner and tenants of any part of the premises on which the work is performed shall jointly and severally be liable for the costs of the work and shall promptly reimburse the City for the costs. If the property owner or tenant shall fail to reimburse the City within 30 days after receipt of a statement for the work from

the City, the said indebtedness shall be a debt of all of said persons jointly and severally, and shall constitute a lien against the premises on which the work was performed. The lien may be evidenced by an affidavit of costs filed in the real property records.

2. Any person violating any of the provisions of this section shall be deemed guilty of a misdemeanor and upon conviction thereof shall be fined in a sum not to exceed \$2,000.00 and a separate offense shall be deemed committed upon each day during or on which a violation occurs or continues.



Wylie City Council

AGENDA REPORT

Department: Public Works **Account Code:** _____
Prepared By: Albert Garza

Subject

Hold a Public Hearing, consider, and act upon, Ordinance No. 2024-12 amending Wylie’s Code of Ordinances, Ordinance No. 2021-17, as amended, Chapter 114 (Utilities), Article IV (Water), Division 2 (Water Resource and Emergency Management Plan) repealing and adopting a new Water Resource and Emergency Management Plan to promote the responsible use of water, requiring the filing of this ordinance and plan with the Texas Commission on Environmental Quality; providing for penalties for the violation of this ordinance; providing repealing, savings and severability clauses, an effective date and for the publication of the caption hereof.

Recommendation

Motion to approve the item as presented.

Discussion

The Texas Commission on Environmental Quality (TCEQ) requires certain entities to submit an updated Water Conservation Plan (WCP), Water Conservation Implementation Report (WCIR), and or Drought Contingency Plan (DCP) to the TCEQ every five years for review as required by Title 30 Texas Administrative Code (TAC) Chapter 288 by May 1, 2024.

The City of Wylie's updated DCP plans include the following:

- Drought triggers, actions, and stages
- Procedures for Enforcing Mandatory Water Use Restrictions

Changes from Include from previous/DCP

- Enforcing Mandatory Water Use -DCP (Section 2.06 Procedures for Enforcing Mandatory Water Use Restrictions)

ORDINANCE NO. 2024-12

AN ORDINANCE OF THE CITY OF WYLIE, TEXAS, AMENDING WYLIE'S CODE OF ORDINANCES, ORDINANCE NO. 2021-17, AS AMENDED, CHAPTER 114 (UTILITIES), ARTICLE IV (WATER), DIVISION 2 (WATER RESOURCE AND EMERGENCY MANAGEMENT PLAN) REPEALING AND ADOPTING A NEW WATER RESOURCE AND EMERGENCY MANAGEMENT PLAN TO PROMOTE THE RESPONSIBLE USE OF WATER; REQUIRING THE FILING OF THIS ORDINANCE AND PLAN WITH THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY; PROVIDING FOR PENALTIES FOR THE VIOLATION OF THIS ORDINANCE; PROVIDING REPEALING, SAVINGS AND SEVERABILITY CLAUSES, AN EFFECTIVE DATE AND FOR THE PUBLICATION OF THE CAPTION HEREOF.

WHEREAS, the City Council of the City of Wylie, Texas ("City Council") previously adopted Ordinance No. 2019-10 of the City of Wylie, Texas ("Wylie"), codified as Division 2 (Water Resource and Emergency Management Plan) of Article IV (Water) of Chapter 114 (Utilities) of the Wylie Code of Ordinances, which established a Water Resource and Emergency Management Plan; and

WHEREAS, Wylie recognizes that the amount of water available to its water customers is limited and further recognizes the importance of a long-term water supply for its water customers; and

WHEREAS, Wylie recognizes that because of natural limitations, drought conditions, system failures and other acts of God which may occur, Wylie cannot guarantee an uninterrupted water supply for all purposes at all times; and

WHEREAS, the Texas Water Code and the regulations of the Texas Commission on Environmental Quality ("TCEQ") require that Wylie adopt a Water Resource and Emergency Management Plan; and

WHEREAS, Wylie has investigated and determined that it is an urgent need and in the best interest of the public to repeal the existing Water Resource and Emergency Management Plan and adopt the new Water Resource and Emergency Management Plan as set forth below; and

WHEREAS, pursuant to Chapter 54, TEX. LOC. GOV'T CODE, Wylie is authorized to adopt such Ordinances as are necessary to preserve and conserve its water resources; and

WHEREAS, the City Council has investigated and determined that it would be advantageous and beneficial to the citizens of Wylie to amend Wylie's Code of Ordinances, Ordinance No. 2021-17, as amended, Chapter 114 (Utilities), Article IV (Water), Division 2 (Water Resource and Emergency Management Plan) to replace the existing Water Resource and Emergency Management Plan and to adopt the North Texas Municipal Water District ("NTMWD") Model Water Resource and Emergency Management Plan, as modified for Wylie, as Wylie's official policy for the conservation of water; and

WHEREAS, the City Council has investigated and determined that the adoption of the new Water Resource and Emergency Management Plan will be advantageous and beneficial to the citizens of Wylie and will protect the public health, safety, and welfare.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF WYLIE, TEXAS:

SECTION 1. Findings Incorporated. The findings set forth above are incorporated into the body of this Ordinance as if fully set forth herein.

SECTION 2. Amend Wylie's Code of Ordinances, Ordinance No. 2021-17, as amended, Chapter 114 (Utilities), Article IV (Water), Division 2 (Water Resource and Emergency Management Plan). Ordinance No. 2019-10, codified as Division 2 (Water Resource and Emergency Management Plan) of Article IV (Water) of Chapter 114 (Utilities) of the Wylie Code of Ordinances, is hereby repealed in its entirety and replaced by this Ordinance. The effective date of the repeal discussed in this Section shall not occur until the Effective Date of this Ordinance (hereinafter defined), at which time Wylie's Code of Ordinances, Ordinance No. 2021-17, as amended, Chapter 114 (Utilities), Article IV (Water), Division 2 (Water Resource and Emergency Management Plan) shall be repealed. Such repeal shall not abate any pending prosecution and/or lawsuit or prevent any prosecution and/or lawsuit from being commenced for any violation of Wylie's Code of Ordinances, Ordinance No. 2021-17, as amended, Chapter 114 (Utilities), Article IV (Water), Division 2 (Water Resource and Emergency Management Plan) occurring before the effective date of this Ordinance.

SECTION 3. Plan Adopted. The City Council hereby approves and adopts the Water Resource and Emergency Management Plan ("Plan"), attached hereto as Exhibit A and incorporated herein by reference for all purposes. Wylie commits to implement the requirements and procedures set forth in the adopted Plan.

SECTION 4. Penalty. Any customer, as defined by 30 TEX. ADMIN. CODE Chapter 291, failing to comply with the provisions of the Plan shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be fined a sum not exceeding TWO THOUSAND AND 00/100 DOLLARS (\$2,000.00) per day per occurrence and/or discontinuance of water service by Wylie. Proof of a culpable mental state is not required for a conviction of an offense under this section. Each day a customer fails to comply with the Plan is a separate violation. Wylie's authority to seek injunctive or other civil relief available under the law is not limited by this section. Wylie retains all legal rights and remedies available to it pursuant to local, state and federal law.

SECTION 5. Filing of Ordinance and Plan with the TCEQ. The City Manager or his designee is hereby directed to file one (1) copy of each of the Plan and this Ordinance with the TCEQ in accordance with 30 TEX. ADMIN. CODE Chapter, 288.

SECTION 6. Savings/Repealing. All provisions of any ordinance in conflict with this Ordinance are hereby repealed to the extent they are in conflict; but such repeal shall not abate any pending prosecution for violation of the repealed ordinance, nor shall the repeal prevent a prosecution from being commenced for any violation if occurring prior to the repeal of the ordinance. Any remaining portions of said ordinances shall remain in full force and effect.

SECTION 7. Severability. Should any section, subsection, sentence, clause or phrase of this Ordinance be declared unconstitutional and/or invalid by a court of competent jurisdiction, it is expressly provided that any and all remaining portions of this Ordinance shall remain in full force and effect. Wylie hereby declares that it would have passed this Ordinance, and each section, subsection, sentence, clause and/or phrase thereof, regardless of whether any one or more sections, subsections, sentences, clauses and/or phrases is declared unconstitutional and/ or invalid.

SECTION 8. Effective Date. This Ordinance shall become effective from and after its adoption and publication as required by law and the City Charter.

DULY PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF WYLIE, TEXAS, on this 23rd day of April, 2024.

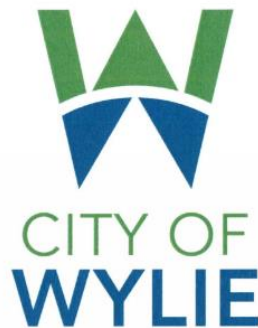
Matthew Porter, Mayor

ATTEST:

Stephanie Storm, City Secretary

Date of Publication: May 1, 2024 in *The Wylie News*

City of Wylie
2024 Water Conservation and
Water Resource and Emergency
Management Plan



Adopted on 4/23/2024

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APPENDIX B	Texas Administrative Code Title 30 Chapter 288
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2024 Water Conservation and Water Resource and Emergency Management Plans**City of Wylie****DEFINITIONS**

AQUATIC LIFE means a vertebrate organism dependent upon an aquatic environment to sustain its life.

ATHLETIC FIELD means a public sports competition field, the essential feature of which is turf grass, used primarily for organized sports practice, competition or exhibition events for schools, professional sports and league play sanctioned by the utility providing retail water supply.

BEST MANAGEMENT PRACTICES (BMPs) are voluntary efficiency measures that save a quantifiable amount of water, either directly or indirectly, and that can be implemented within a specific time frame.

COMMERCIAL VEHICLE WASH FACILITY means a permanently located business that washes vehicles or other mobile equipment with water or water-based products, including but not limited to self-service car washes, full-service car washes, roll-over/in-bay style car washes, and facilities managing vehicle fleets or vehicle inventory.

COMMERCIAL FACILITY means business or industrial buildings and the associated landscaping, but does not include the fairways, greens, or tees of a golf course.

CONSERVATION includes those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water, or increase the recycling and reuse of water so that a water supply is made available for future or alternative uses.

COOL SEASON GRASSES are varieties of turf grass that grow best in cool climates primarily in northern and central regions of the U.S. Cool season grasses include but are not limited to perennial and annual rye grass, Kentucky blue grass and fescues.

CUSTOMERS include those entities to whom NTMWD provides wholesale water that are not member cities of NTMWD.

DESIGNATED OUTDOOR WATER USE DAY means a day prescribed by a rule on which a person is permitted to irrigate outdoors.

DRIP IRRIGATION is a type of micro-irrigation system that operates at low pressure and delivers water in slow, small drips to individual plants or groups of plants through a network of plastic conduits and emitters; also called trickle irrigation.

DROUGHT, for the purposes of this report, means an extended period of time when an area receives insufficient amounts of rainfall to replenish the water supply, causing water supply sources (in this case reservoirs) to be depleted.

2024 Water Conservation and Water Resource and Emergency Management Plans**City of Wylie**

ET/SMART CONTROLLERS are irrigation controllers that adjust their schedule and run times based on weather (ET) data. These controllers are designed to replace the amount of water lost to evapotranspiration.

EVAPOTRANSPIRATION (ET) represents the amount of water lost from plant material to evaporation and transpiration. The amount of ET can be estimated based on the temperature, wind, and relative humidity.

EXECUTIVE DIRECTOR means the Executive Director of NTMWD and includes a person the Executive Director has designated to administer or perform any task, duty, function, role, or action related to this Plan or on behalf of the Executive Director.

FOUNDATION WATERING means an application of water to the soils directly abutting (within 2 feet of) the foundation of a building or structure.

INTERACTIVE WATER FEATURES means water sprays, dancing water jets, waterfalls, dumping buckets, shooting water cannons, inflatable pools, temporary splash toys or pools, slip-n-slides, or splash pads that are maintained for recreation.

IRRIGATION SYSTEM means a permanently installed, custom-made, site-specific system of delivering water generally for landscape irrigation via a system of pipes or other conduits installed below ground.

LANDSCAPE means any plant material on a property, including any tree, shrub, vine, herb, flower, succulent, ground cover, grass or turf species, that is growing or has been planted out of doors.

MEMBER CITIES include the cities of Allen, Farmersville, Forney, Frisco, Garland, McKinney, Mesquite, Plano, Princeton, Richardson, Rockwall, Royse City, and Wylie, Texas, which are members of NTMWD.

MUNICIPAL USE means the use of potable water provided by a public water supplier as well as the use of treated wastewater effluent for residential, commercial, industrial, agricultural, institutional, and wholesale uses.

NEW LANDSCAPE means: (a) vegetation installed at the time of the construction of a residential or commercial facility; (b) installed as part of a governmental entity's capital improvement project; or (c) installed to stabilize an area disturbed by construction.

ORNAMENTAL FOUNTAIN means an artificially created structure from which a jet, stream, or flow of treated water emanates and is not typically utilized for the preservation of aquatic life.

POND is considered to be a still body of water with a surface area of 500 square feet or more. This does not include recreational swimming pools.

2024 Water Conservation and Water Resource and Emergency Management Plans**City of Wylie**

PUBLIC WATER SUPPLIER is an individual or entity that supplies water to the public for human consumption.

REGIONAL WATER PLANNING GROUP is a group established by the Texas Water Development Board to prepare a regional water plan under Texas Water Code, §16.053.

REGULATED IRRIGATION PROPERTY means any property of a designated customer class (i.e., commercial) that uses one million gallons of water or more for irrigation purposes in a single calendar year or is greater than one acre in size.

RESIDENTIAL GALLONS PER CAPITA PER DAY (RESIDENTIAL GPCD) means the total gallons sold for retail residential use by a public water supplier divided by the residential population served and then divided by the number of days in the year.

RETAIL CUSTOMERS include those customers to whom the utility provides retail water from a water meter.

REUSE is the authorized use for one or more beneficial purposes of use of water that remains unconsumed after the water is used for the original purpose of use and before that water is either disposed of or discharged or otherwise allowed to flow into a watercourse, lake, or other body of state-owned water.

SOAKER HOSE means a perforated or permeable garden-type hose or pipe that is laid above ground that provides irrigation at a slow and constant rate.

SPRINKLER/SPRAY IRRIGATION is the method of applying water in a controlled manner that is similar to rainfall. The water is distributed through a network that may consist of pumps, valves, pipes, and sprinklers.

SPRINKLER means an above-ground water distribution device that may be attached to a garden hose.

RECREATIONAL/SWIMMING POOL is defined as a body of water that involves contact recreation. This includes activities that are presumed to involve a significant risk of ingestion of water (e.g. wading by children, swimming, water skiing, diving, tubing, surfing, etc.)

TOTAL GALLONS PER CAPITA PER DAY (TOTAL GPCD) means the total amount of water diverted and/or pumped for potable use less wholesale sales divided by the total permanent population divided by the days of the year. Diversion volumes of reuse as defined in TAC 288.1 shall be credited against total diversion volumes for the purposes of calculating GPCD for targets and goals.

WATER CONSERVATION COORDINATOR is the person designated by a retail public water supplier that is responsible for implementing a water conservation plan.

2024 Water Conservation and Water Resource and Emergency Management Plans

City of Wylie

WATER CONSERVATION PLAN means the Member City or Customer water conservation plan approved and adopted by the utility.

WATER RESOURCE AND EMERGENCY MANAGEMENT PLAN means a plan for temporary supply management and demand management responses to temporary and potentially recurring water supply shortages and other water supply emergencies required by Texas Administrative Code Title 30, Chapter 288, Subchapter B. This is sometimes called a drought contingency plan.

2024 Water Conservation and Water Resource and Emergency Management Plans

City of Wylie

ABBREVIATIONS

Ac-Ft/Yr.....	Acre-Feet per Year
BMP.....	Best Management Practices
CDC.....	Centers for Disease Control and Prevention
DWU.....	Dallas Water Utilities
E&O.....	Education and Outreach
ED.....	Executive Director
EPA.....	Environmental Protection Agency
ET.....	Evapotranspiration
FNI.....	Freese and Nichols, Inc.
gpf.....	Gallons per Flush
gpm.....	Gallons per Minute
LAMP.....	Linear Asset Management Plan
LRWSP.....	Long Range Water Supply Plan
FWSD.....	Fresh Water Supply District
GPCD.....	Gallons per Capita per Day
ICIM.....	Industrial, Commercial, Institutional and Multifamily
MGD.....	Million Gallons per Day
MUD.....	Municipal Utility District
NCTCOG.....	North Central Texas Council of Governments
NTMWD.....	North Texas Municipal Water District
SUD.....	Special Utility District
TCEQ.....	Texas Commission on Environmental Quality
TRWD.....	Tarrant Regional Water District
TWDB.....	Texas Water Development Board
UTRWD.....	Upper Trinity Regional Water District
UD.....	Utility District
WCAC.....	Water Conservation Advisory Council
WCP.....	Water Conservation Plan
WREMP.....	Water Resource and Emergency Management Plan
WSC.....	Water Supply Corporation
WENNT.....	Water Efficiency Network of North Texas
WTP.....	Water Treatment Plant
WWTP.....	Wastewater Treatment Plant

2024 Water Conservation Plan

This Water Conservation Plan has been developed in accordance with the requirements of 30 Texas Administrative Code (TAC) Chapter 288. A copy of the version of 30 TAC Chapter 288 in place at the time of this Plan preparation is included in Appendix B.

1.00 INTRODUCTION

City of Wylie is a Member City of the North Texas Municipal Water District (NTMWD). This Plan was developed following TCEQ guidelines and requirements governing the development of water conservation plans.

The goal of the Water Conservation Plan is to serve as good stewards of water resources by preserving water supplies for essential uses and the protection of public health. The objectives to achieve this goal are as follows:

- To reduce the loss and waste of water.
- To improve efficiency in both indoor and outdoor water use.
- To maximize the level of recycling and reuse.
- To protect and preserve environmental resources.
- To extend the life of current water supplies.
- To raise public awareness of water conservation and encourage responsible personal behavior through public education programs.

1.01 MINIMUM REGULATORY REQUIREMENTS CHECKLIST

A water conservation plan is defined as “[a] strategy or combination of strategies for reducing the volume of water withdrawn from a water supply source, for reducing the loss or waste of water, for maintaining or improving the efficiency in the use of water, for increasing the recycling and reuse of water, and for preventing the pollution of water. A water conservation plan may be a separate document identified as such or may be contained within another water management document”. Recognizing the need for efficient use of existing water supplies, the TCEQ has developed guidelines and requirements governing the development of water conservation and drought contingency plans. The minimum TCEQ requirements and where they are addressed within this document are included in **Appendix B**.

1.02 ADDITIONAL REQUIREMENTS AND GUIDANCE

In addition to TCEQ rules regarding water conservation, this Plan also incorporates both minimum requirements as required from NTMWD and elements from several conservation initiatives.

- **2024 NTMWD Water Conservation Plan** – Member Cities and Customers of the NTMWD are required to implement water conservation strategies as designated in the NTMWD Water Conservation Plan. These strategies

2024 Water Conservation Plan**City of Wylie**

- represent minimum measures to be implemented and enforced to promote water conservation and are to remain in effect on a permanent basis.
- **Guidance and Methodology for Reporting on Water Conservation and Water Use** - Developed by TWDB and TCEQ in consultation with the Water Conservation Advisory Council (the Guidance). The Guidance was developed in response to a charge by the 82nd Texas Legislature to develop water use and calculation methodology and guidance for preparation of water use reports and water conservation plans in accordance with TCEQ rules.
 - **North Texas Regional Landscape Initiative** – The North Texas regional water providers (NTMWD, DWU, UTRWD and TRWD) collaborated to create the Regional Landscape Initiatives. This document was developed as a resource of best management practices for municipal staff to help reduce water waste and encourage long-term water conservation in the North Texas region. Information consists of the background, importance, and benefits of each BMP and key talking points to consider when implementing the strategy. Several of the optional water management measures included in this Plan are from this collaborative initiative.

2.00 WATER UTILITY PROFILE

This section contains a description of City of Wylie's service area and water system. This information can also be reviewed in **Appendix C**, which contains a completed TCEQ Water Utility Profile.

2.01 DESCRIPTION OF THE SERVICE AREA

The City of Wylie is a growing community which is a part of the Dallas-Fort Worth metroplex and provides water to a retail service area of approximately 24.6 square miles and about 47,232 residents as of 2022 (NTMWD Member City and Customer Water Conservation Report). Small portions within the City limits are served by other water providers. The City purchases\ treated water from North Texas Municipal Water District (NTMWD) through parallel water supply lines throughout the city limits. The City is divided into two pressure planes, referred to as the 730' Service Area and the 679' Service Area. These area names correspond to the pressure plane elevations they serve.

2.02 WATER UTILITY PROFILE

City of Wylie's existing water supply is composed of the following sources.

- Purchased Treated Water from NTMWD

3.00 WATER CONSERVATION GOALS

TCEQ rules require the adoption of specific 5-year and 10-year water conservation goals for a water conservation plan.

3.01 5- AND 10-YEAR GOALS

Per capita water use varies from year to year based on several factors including weather conditions, changing demographics and other variables. The TWDB requires specific 5- and 10-year goals which are summarized in **Table 1**. These goals should be measured against a 5-year average per capita, although some (dry) years will see higher per capita usage than these 5- year average goals. A series of dry years may lead to an average exceeding the goal.

It should be noted that the City's nonrevenue water percentage is significantly higher than its water loss percentage. The basis for this difference is the high amount of unbilled unmetered water that has been reported. The City has reported a five-year average of roughly 210,000,000 gallons per year of unbilled unmetered water versus a five-year average of roughly 65,000,000 gallons per year of total water loss. The City has set procedures for estimating usage related to line flushing, main breaks and other unbilled unmetered usage.

Table 1: Five- and 10-Year Per Capita Water Use Goals

	Historic 5-Year Average	Baseline	5-Year Goal 2029	10-Year Goal 2034
Total (GPCD) ¹	104	104	102	99
Residential (GPCD) ²	66	66	64	63
ICIM (GPCD) ³	22	22	21	20
Water Loss (GPCD) ⁴	3.8	3.8	6.8	6.4
Water Loss (Percentage) ⁵	3.6%	3.6%	6.7%	6.3%

¹Total GPCD = (Total Gallons in System / Permanent Population) / 365

²Residential GPCD = (Gallons Used for Residential Use / Residential Population) / 365

³ICIM GPCD = (Gallons Used for Industrial, Commercial, Institutional and Multi-family Use / Permanent Population) / 365

⁴Water Loss GPCD = (Total Water Loss / Permanent Population) / 365

⁵Water Loss Percentage = (Total Water Loss / Total Gallons in System) x 100; or (Water Loss GPCD / Total GPCD) x 100

3.02 METHOD FOR TRACKING

NTMWD requires Member Cities and Customers to complete annual conservation reports by March 31 of the following year and submit them to NTMWD. A copy of the form is included as **Appendix D**.

The completion of this Annual Water Conservation Report allows City of Wylie to track the effectiveness of its water conservation programs over time and reassess those programs that are not providing water savings, ensuring maximum water use efficiency and greater levels of conservation.

4.00 METERING, RECORDS AND WATER LOSS CONTROL

4.01 METERING PROGRAM

One of the key elements in water conservation is careful tracking of water use and control of losses. Careful metering of water deliveries and water use, detection and repair of leaks in the distribution system, and regular monitoring of unaccounted water are important in controlling losses.

ACCURATE METERING OF TREATED WATER DELIVERIES FROM NTMWD

Accurate metering of water diversions and deliveries, detection, and repair of leaks in the raw water transmission and potable water distribution systems and regular monitoring of nonrevenue water are important elements of NTMWD's program to control losses. Water deliveries from NTMWD are metered by NTMWD using meters with accuracy of $\pm 2\%$. These meters are calibrated on an annual basis by NTMWD to maintain the required accuracy.

METERING OF CUSTOMER AND PUBLIC USES

The provision of water to all customers, including public and governmental users, is metered in the City of Wylie.

METER TESTING, REPAIR AND REPLACEMENT

The City of Wylie tests and replaces our customer meters on a regular basis. All residential customer meters are budgeted to be replaced on a minimum of a 15-year cycle.

4.02 MONITORING AND RECORD MANAGEMENT PROGRAM

As required by TAC Title 30, Chapter 288, a record management system should allow for the separation of water sales and uses into residential, commercial, public/institutional, and industrial categories. This information is included in the NTMWD annual water conservation report that is included in **Appendix D**.

4.03 WATER LOSS CONTROL PROGRAM

DETERMINATION AND CONTROL OF WATER LOSS

Total water loss is the difference between treated water pumped and authorized consumption or metered deliveries to customers. Authorized consumption includes billed metered uses, unbilled metered uses, and unbilled unmetered uses such as firefighting and releases for flushing of lines.

Water losses include two categories:

- Apparent losses such as inaccuracies in customer meters. (Customer meters tend to run more slowly as they age and under-report actual use). Unauthorized consumption due to illegal connections and theft.
- Real losses due to water main breaks and leaks in the water distribution system and unreported losses.

LEAK DETECTION AND REPAIR

Measures to control water loss are a part of the routine operations of the City. Maintenance crews and personnel look for and report evidence of leaks in the water distribution system. Meter readers watch for and report signs of illegal connections so that they can be quickly addressed. With the measures described in this Plan, the City should maintain a water loss percentage below 3.6 percent in 2024 and subsequent years. Areas of the water distribution system in which numerous leaks and line breaks occur are targeted for replacement funds as funds are available.

5.00 CONTRACT REQUIREMENTS FOR WHOLESALE CUSTOMERS

Every water supply contract entered into or renewed after official adoption of this water conservation plan, including any contract extension, will include a requirement that each wholesale customer of City of Wylie must develop and implement a water conservation plan and water conservation measures. If the customer intends to resell the water, then the contract between the initial supplier and customer must specify that the contract for the resale of the water must have water conservation requirements so that each successive customer in the resale of the water will be required to implement water conservation measures in accordance with the provisions of Title 30 TAC Chapter 388. Note: NTMWD refers to their drought contingency plan (DCP) as the water resource and emergency management plan (WREMP) and should be considered synonymous with a DCP.

6.00 RESERVOIR SYSTEM OPERATIONS PLAN

City of Wylie purchases treated water from NTMWD and does not have surface water supplies for which to implement a reservoir system operations plan. NTMWD operates multiple sources of water supply as a system. The operation of the reservoir system is intended to optimize the use of the District's sources (within the constraints of existing water rights) while minimizing energy use cost for pumping, maintaining water quality, minimizing potential impacts on recreational users of the reservoirs and fish and wildlife.

7.00 CONSERVATION PLAN ADOPTION AND ENFORCEMENT

7.01 MEANS OF IMPLEMENTATION AND ENFORCEMENT

Staff will implement the Plan in accordance with adoption of the Plan. **Appendix G** contains a copy of the ordinance adopted regarding this Plan. The document designates responsible officials to implement and enforce the Plan.

An ordinance adopted by the City Council on April 23, 2024 designating responsible officials to implement and enforce the Water Conservation Plan can be found in **Appendix G**. The Plan will be enforced by warning and penalties as follows:

- On the first violation customers will be given a written warning that they have violated the mandatory water use restriction.
- On the second and subsequent violations citations may be issued to customers with fines established by ordinance.

For violations of the Water Resource and Emergency Management Plan, enforcement is outlined in Section 2.06 of that Plan.

7.02 REVIEW AND UPDATE OF WATER CONSERVATION PLAN

TCEQ requires that the water conservation plan be updated every five years. This Plan will be updated as required and as appropriate based on new or updated information.

7.03 REGIONAL WATER PLANNING GROUP AND NTMWD NOTIFICATION

In accordance with TCEQ regulations, a copy of this water conservation plan was provided to the Region C Water Planning Group. In accordance with NTMWD contractual requirements, a copy of this water conservation plan was also sent to NTMWD. **Appendix F** includes a copy of the letters sent.

8.00 WATER CONSERVATION PROGRAM

8.01 PUBLIC EDUCATION PROGRAM

A. NTMWD PUBLIC EDUCATION PROGRAM AND TECHNICAL ASSISTANCE

City of Wylie obtains water conservation support from the NTMWD. This includes several public education and outreach efforts such as:

- Beginning in 2006 and continuing through 2018, NTMWD invested in the development and implementation of the “Water IQ: Know Your Water” campaign, including newspaper ads, radio spots, billboards, a website, and other forms of communication all intended to educate the public regarding water use and water conservation. During the 2017 campaign, over a quarter of a million people were reached by the program through media relations, outreach and interactive media. The total audience reached through the campaign in 2017 was over 88 million impressions.
- In 2013, NTMWD participated in the “Water My Yard” program to install weather stations throughout its service area to provide consumers with a weekly email or text message and information through the Water My Yard website recommending the adequate amount of supplemental water that is needed to maintain healthy grass in specific locations. This service represents the largest network of weather stations providing ET-based irrigation recommendations in the state of Texas and provides the public with advanced information regarding outdoor irrigation needs, thereby reducing water use. Through a series of selections on the type of irrigation system a consumer has, a weekly email or text message is provided that will recommend how long (in minutes) that an irrigation system needs to run based on the past seven days of weather. This recommendation provides the actual amount of supplemental water that is required for a healthy lawn based on research of the Texas A&M Agrilife Extension Service and proven technologies.

- “Water4Otter” is a water conservation campaign for kids launched by NTMWD in 2014. It is based on the insight that most parents agree they would listen if their kids asked them to conserve water. The TWDB awarded the NTMWD a conservation grant to develop Water4Otter as a model program that could be used throughout the state. The 2023 program included 22 performances at 11 schools in eight different ISDs including stops at elementary schools in Wylie, Garland, Mesquite, Plano, Princeton, Richardson, and Royse City.
- “Love Lavon Lake” is a water conservation campaign designed to help North Texans know their primary water source. The campaign launched in 2018 with a call to action to, “Conserve your water source. Love Lavon Lake”. The campaign was based on market research showing the more people know the source of their drinking water, the more likely they are to use it wisely and efficiently.
- NTMWD implemented the “#PledgetoPlantSmart” initiative that seeks to inspire positive change in water conservation by encouraging North Texas residents to do their part and plant smart by selecting native or adapted plants for their garden and landscaping.

NTMWD also participates in a regional outreach campaign called “Water is Awesome” partnering with the City of Dallas and Tarrant Regional Water District. NTMWD Member Cities and Customers have access to the campaign materials which include:

- In 2019, an additional tagline, “Keep Texas Water on Tap”, was incorporated to promote the Water is Awesome brand and direct traffic to waterisawesome.com.
- In 2020, a “customer city toolkit” provided customizable resources allowing cities to incorporate their logos with the campaign brand for their website, social media, and print. Cities are encouraged to use campaign resources to advance conservation efforts.
- In 2021, the regional water providers collaborated to create the Regional Landscape Initiatives. This document was developed as a resource of best management practices for municipal staff to help reduce water waste and encourage long-term water conservation in the North Texas region. Information consists of the background, importance, and benefits of each BMP and key talking points to consider when implementing the strategy. Several of the optional water management measures included in this Plan are from this collaborative initiative.
- The 2023 campaign will include a focus on short HGTV-style web series about converting yards into drought-resistant, water-conservative yardscapes.

Conservation materials and more are made available to Member Cities and Customers through an online portal that is hosted by NTMWD. In addition to the portal the NTMWD actively provides technical assistance through the following:

- NTMWD holds **Regularly Scheduled Meetings** with Member Cities and Customers for water supply updates, public campaign strategies, and legislative activities related to water and water conservation.
- NTMWD purchases **American Water Works Association Research Foundation Publications** for use by Member Cities and Customers to further enhance resources for water efficiency, water rate structures, etc. Additionally, NTMWD pays for Member City and Customer membership to the **Alliance for Water Efficiency**.
- Since 2003, NTMWD has held **Water Conservation Workshops** for staff of its Member Cities and Customers. These workshops have covered several conservation-related topics, including TCEQ requirements for water conservation and drought contingency plans, advanced water conservation strategies, current NTMWD water conservation efforts, water conservation programs of the cities, current drought status, progress on future water supplies, and related topics. These workshops also provide training and education regarding water use accounting, irrigation evaluations, industrial, commercial, and institutional audits, and other procedures. Additional examples include workshops on Water Loss Audit Training as well as on the TWDB Water Conservation Planning Tool.
- Based on the annual reporting data collected from Member Cities and Customers from 2022, approximately 24% of the District's treated water sales went to supply ICIM users within their service area. To target programs for this customer base, the District hired Plummer Associates, Inc. to create the **Industrial, Commercial, Institutional and Multifamily Program**. The ICIM program provides NTMWD Member City and Customer staff with the knowledge and tools necessary to identify ICIM customers with high water usage. This program was created to categorize water use data to find outliers and identify areas to concentrate water conservation efforts. This program can help Member Cities and Customers' ICIM water customers develop targeted methods for increasing water efficiency as an alternative to a traditional voluntary approach for water consumption improvement.
- As part of the ICIM program, the District is currently engaging with the Member and Customer Cities to encourage their ICIM customers to participate in **Water Efficiency Opportunity Surveys**. These surveys encompass a building audit that recommends various water conservation measures that can be implemented to save both money and water. Items addressed include toilet retrofits, urinal retrofits, showerhead retrofits,

lavatory retrofits, non-lavatory faucet retrofits, leak repair, water cooled ice machine retrofit, commercial disposer, food steam, cooling tower efficiency and irrigation system efficiency. As of June 2023, NTMWD has utilized the ICIM program to audit four buildings resulting in an estimated annual water savings of 87.4 million gallons.

- As part of its wastewater system, NTMWD has developed **Industrial Pretreatment Programs** for the cities of Allen, Forney, Frisco, McKinney, Mesquite, Murphy, Plano, Richardson, Rockwall, Terrell, and Wylie. The pretreatment programs developed by NTMWD are adopted and implemented by the cities, which are also responsible for enforcement of the programs. By reducing allowable volumes of specific pollutants and encouraging pretreatment of industrial wastes, this joint effort by NTMWD and the cities has improved water quality in the region's streams and reservoirs. NTMWD industrial pretreatment personnel are also available to assist cities on request in the review or design of systems to allow industrial recycling and reuse of wastewater. Such systems have reduced water use by some industries, while also reducing wastewater volumes and saving money for the industries.
- NTMWD encourages its Member Cities and Customers to develop and implement **Rebate and Bulk Purchasing Programs** that help the Member Cities and Customers achieve overall water savings. Further, NTMWD provides technical assistance to those Member Cities and Customers who wish to implement rebate and bulk purchasing programs.

B. PUBLIC EDUCATION PROGRAM

In addition to utilizing public education resources shared by North Texas Municipal Water District, Wylie has developed its own public education program. On its Public Works webpage, Water Conservation Guidelines are available for citizens, providing links to helpful conservation resources.

8.02 REQUIRED CONSERVATION STRATEGIES

The following water conservation strategies are required. These strategies represent minimum measures to be implemented and enforced to promote water conservation and are to remain in effect on a permanent basis.

A. TCEQ CONSERVATION PLAN REQUIREMENTS

The preceding sections cover the regulatory requirements identified in TAC Title 30, Part 1, Chapter 288, Subchapter B, Rule 288. These rules are included in **Appendix B**.

B. CONSERVATION COORDINATOR

2024 Water Conservation Plan**City of Wylie**

The designation of a Conservation Coordinator is required by House Bill 1648, effective September 1, 2017 for all retail public water utilities with 3,300 service connections or more. The NTMWD requires that all Member Cities and Customers, regardless of number of connections, appoint a Conservation Coordinator who will serve as the primary point of contact between the entity and the District on conservation matters.

The duties of the Conservation Coordinator are as follows:

- Submit an annual conservation report to NTMWD by March 31. This is referred to as the 'Appendix D Report'. NTMWD will provide a blank workbook for each Member City and Customer to fill out prior to the deadline.
- Submit an adopted water conservation and water resource and emergency management plan by May 1, 2024 (and every five years afterwards). These plans must be submitted to NTMWD, the applicable Regional Water Planning Group, TCEQ and TWDB. The conservation coordinator is also responsible for submitting a copy of the Plan if it is updated after initial adoption and submission.

Wylie's Conservation Coordinator is identified below. City of Wylie will notify NTMWD if this changes at any point before the water conservation plan is updated.

Public Works Utility Manager
972-516-6100
publicworks@wylietexas.gov

C. WATER CONSERVATION PRICING

Wylie has adopted an increasing block rate water structure that is intended to encourage water conservation and to discourage excessive use and waste of water. Wylie will continue to analyze and adjust its increasing block rate structure during its next rate study or within five years. For any updates to water rates that might occur subsequent to the public of this plan, please visit

[https://www.wylietexas.gov/departments/utility_billing_\(water_bill\)/water_and_sewer_rates.php](https://www.wylietexas.gov/departments/utility_billing_(water_bill)/water_and_sewer_rates.php).

Wylie's water rate structure is as follows:

Residential Rates

From and after the effective date hereof, the monthly minimum base charges and usage charges for water utility services for all residential customers of the City of Wylie, Texas shall be as set forth below until amended by ordinance of City Council:

2024 Water Conservation Plan**City of Wylie**

Monthly minimum charge for 1 st 1,000 gallons of metered water consumption	\$20.83
1,001 to 10,000 gallons	\$7.10 / thousand gallon
10,001 to 20,000 gallons	\$9.20 / thousand gallon
20,001 to 40,000 gallons	\$11.96 / thousand gallon
More than 40,000 gallons	\$15.55 / thousand gallon

Residential Irrigation Rates

Monthly minimum charge for 1 st 1,000 gallons of metered water consumption	\$20.83
More than 1,000 gallons	\$10.16 / thousand gallon

Commercial/Industrial Rates

From and after the effective date hereof, the monthly minimum base charges and usage charges for water utility services for all commercial/industrial customers of the City of Wylie, Texas shall be as set forth below until amended by ordinance of City Council:

Monthly minimum charge for 1 st 1,000 gallons of metered water consumption	\$28.44
More than 1,000 gallons	\$8.04 / thousand gallon

Commercial Irrigation Rates

Monthly minimum charge for 1 st 1,000 gallons of metered water consumption	\$28.44
More than 1,000 gallons	\$10.16 / thousand gallon

D. ORDINANCES, PLUMBING CODES, OR RULES ON WATER-CONSERVING FIXTURES

City of Wylie's plumbing code standards encourages water conservation and meets the minimum statutory requirements. The state has required water-conserving fixtures in new construction and renovations since 1992. The state standards call for flows of no more than 2.5 gallons per minute (gpm) for faucets, 2.5 gpm for showerheads. As of January 1, 2014, the

state requires maximum average flow rates of 1.28 gallons per flush (gpf) for toilets and 0.5 gpf for urinals. Similar standards are now required under federal law. These state and federal standards assure that all new construction and renovations will use water-conserving fixtures.

E. REUSE AND RECYCLING OF WASTEWATER

NTMWD currently has the largest wastewater reuse program in the state. NTMWD has water rights allowing reuse of up to 71,882 acre-feet per year (64 MGD) of treated wastewater discharges from the Wilson Creek Wastewater Treatment Plant for municipal purposes. Additionally, NTMWD has permitted and is currently constructing the Sister Grove Regional Water Resource Recovery Facility (WRRF) in the Lavon Lake watershed. This facility will have an initial capacity of 16 MGD and an ultimate capacity of 64 MGD.

NTMWD has also developed the East Fork Water Reuse Project which can divert treated wastewater discharges by NTMWD and purchased wastewater return flows from TRA via Main Stem Pump Station. NTMWD also provides treated effluent from its wastewater treatment plants available for direct reuse for landscape irrigation and industrial use.

City of Wylie wastewater is treated by NTMWD at its Muddy Creek Wastewater Treatment Plant.

F. YEAR-ROUND OUTDOOR WATERING SCHEDULES

A mandatory weekly watering schedule has been gradually gaining acceptance in the region and the state. NTMWD requires all Member Cities and Customers to adhere to a permanent outdoor watering schedule.

- **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.

For residential water customers, watering days are defined as the assigned trash/recycle pickup day for the property address associated with the irrigation system, plus three days subsequent. If there is no street address associated with the property, or there is more than one street address associated with a single contiguous property, the watering days are Wednesday and Saturday. For industrial, commercial, and institutional water customers, watering day is defined as Wednesday and Saturday.

- **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.

For residential water customers, watering day is defined as the assigned trash/recycle pickup day for the property address associated with the irrigation system. If there is no street address associated with the property, or there is more than one street address associated with a single contiguous property, the watering day is Wednesday. For industrial, commercial, and institutional water customers, watering day is defined as Wednesday.

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. Citizens are encouraged to enroll in the Weekly Watering Advice service offered by the Water Is Awesome campaign that is supported by North Texas Municipal Water District, Tarrant Regional Water District, and Dallas Water Utilities. This can be accessed at <https://waterisawesome.com/weekly-watering-advice>.

G. TIME OF DAY WATERING SCHEDULE

NTMWD requires that 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.

H. IRRIGATION SYSTEM REQUIREMENTS FOR NEW AND COMMERCIAL SYSTEMS

In 2007, the 80th Texas Legislature passed House Bill 1656, Senate Bill 3, and House Bill 4 related to regulating irrigation systems and irrigators by adopting minimum standards and specifications for designing, installing, and operating irrigation systems. The Texas legislation required cities with a population over 20,000 to develop a landscape irrigation program that includes permitting, inspection, and enforcement of water conservation for new irrigation systems.

NTMWD *requires* all Member Cities and Customers adhere to a minimum set of irrigation standards:

- 1) Require that all new irrigation systems be in compliance with state design and installation regulations (Texas Administrative Code Title 30, Chapter 344).

- 2) Require operational rain and freeze sensors and/or ET or Smart controllers on all new irrigation systems. Rain and freeze sensors and/or ET or Smart controllers must be properly maintained to function properly.
- 3) Require that irrigation systems be inspected at the same time as initial backflow preventer inspection.
- 4) Require the owner of a regulated irrigation property to obtain an evaluation of any permanently installed irrigation system on a 10-year basis. The irrigation evaluation shall be conducted by a licensed irrigator in the state of Texas and be submitted to the local water provider (i.e., city, water supply corporation).

I. WATER WASTE PROVISIONS

NTMWD requires all Member Cities and Customers prohibit activities that waste water. The main purpose of a water waste ordinance is to provide for a means to enforce that water waste is prevented during lawn and landscape irrigation, that water resources are conserved for their most beneficial and vital uses, and that public health is protected. It provides a defined enforcement mechanism for exceptional neglect related to the proper maintenance and efficient use of water fixtures, pipes, and irrigation systems. The ordinance can provide additional assistance or enforcement actions if no corrective action has been taken after a certain number of correspondences.

NTMWD **requires** that the following water waste ordinance offenses include:

- 1) The use of irrigation systems that water impervious surfaces. (Wind-driven water drift will be taken into consideration.)
- 2) Outdoor watering during precipitation or freeze events.
- 3) The use of poorly maintained sprinkler systems that waste water.
- 4) Excess water runoff or other obvious waste.
- 5) Overseeding, sodding, sprigging, broadcasting or plugging with cool season grasses or watering cool season grasses, except for golf courses and athletic fields.
- 6) The use of potable water to fill or refill residential, amenity, and any other natural or manmade ponds. A pond is considered to be a still body of water with a surface area of 500 square feet or more. This does not include recreational swimming pools.
- 7) Non-commercial car washing that does not use a water hose with an automatic shut-off valve.

- 8) Hotels and motels that do not offer a linen reuse water conservation option to customers.
- 9) Restaurants, bars, and other commercial food or beverage establishments that provide drinking water to customers unless a specific request is made by the customer for drinking water.

8.03 POTENTIAL FUTURE STRATEGIES

A. USE OF ET-BASED WEEKLY WATERING ADVICE/RECOMMENDATIONS

NTMWD requires that Member Cities and Customers adhere to a year-round outdoor watering schedule. However, this conservation practice can be improved with the use of ET-based weekly watering advice and recommendations. Landscapes frequently require less watering than the year-round water schedule allows. This measure can be particularly useful for entities with a significant percentage of customers using automated landscape irrigation systems.

Water providers in the Dallas-Fort Worth area (including NTMWD) sponsor weather stations to collect daily weather data and provide the most accurate watering recommendations. Many cities in the DFW area can already take advantage of these ET-based recommendations and incorporate them into their water conservation programs, at no cost to the city. Examples of such a service are shown below.

- **Water My Yard** – An online platform where homeowners can sign up to receive weekly watering recommendations based on their location and a few specifications about their sprinkler system. Users can then choose to accept the recommendations by email, text, or both. Recommendations are available for select cities in Collin, Dallas, Denton, Fannin, Hunt, Kaufman and Rockwall Counties. Sponsored by NTMWD and Texas A&M AgriLife Extension Service. (WaterMyYard.org).
- **Water Is Awesome Weekly Watering Advice** – Weekly watering recommendations for most of North Texas based on data from weather stations scattered throughout the DFW area. The recommendations are distributed by email and text every week and are provided in inches of water needed and the number of minutes necessary to apply that amount of water for spray, rotor, and multi-stream sprinklers. Advice service is available for all of North Central Texas and sponsored by DWU and TRWD. (<https://waterisawesome.com/weekly-watering-advice>).
- **WaterWise Newsletter and Hotline** – The City of Frisco provides weekly lawn watering advice on the city’s website and through the WaterWise Newsletter distributed to subscribers every Monday. Frisco also has a “Weekly Watering Advice

Hotline” you can into weekly to get this information. Frisco has a weather station that is used to determine how much water is needed each particular week.

Providing evapotranspiration (ET)-based weekly watering recommendations can reduce the amount of water applied for outdoor watering if customers follow the guidance. A drawback with this BMP is the adoption rate. Since these recommendations may change every week, it requires customers to adjust their controllers more often.

It is important to note that at a minimum, Member Cities and Customers must adhere to the year-round outdoor watering schedule set by NTMWD.

B. WATER EFFICIENT LANDSCAPE INITIATIVES

NTMWD recommends that Member Cities and Customers include water efficient landscape initiatives in their water conservation plans. A water efficient landscape is a landscape that is designed and maintained according to basic good horticultural principles that allow for a beautiful healthy landscape with minimal or no supplemental irrigation and no adverse runoff from the landscape property. Water efficient landscapes limit or exclude non-functional turf where possible. Examples of nonfunctional turf include streetscape turf and turf that is purely ornamental. As an alternative to non-functional turf grasses, water efficient landscapes use appropriate plants or other landscaping materials that require little or no supplemental irrigation. Appropriate plants are those selected based on their adaptability to the region’s soil and climate. NTMWD’s #PledgeToPlantSmart initiative seeks to inspire positive change in water conservation by encouraging North Texas residents to do their part and plant smart by selecting native or adaptive plants for their garden and landscaping. Member Cities and Customers should adopt a native and adaptive recommended plant list for water efficient landscaping. Water efficient landscapes can be an alternative to non-functional turf grasses and may be appropriate for application in new development or retrofits of existing landscapes for both commercial and residential areas.

Water efficient landscape initiatives can be encouraged through financial incentives or required through ordinance. Member cities and customers should also consider review of their existing requirements and removal of current codes that may impede or limit the application of water efficient landscapes. Property code 202.007 may be a helpful resource for language for removing potential barriers to water efficient landscapes.

In lieu of an ordinance, water efficient landscapes can be encouraged through rebates for landscape conversion or installation or award programs. Good examples of water efficient landscapes should also be encouraged through public outreach, demonstration gardens, and/or used in public landscapes and rights-of-way. NTMWD has a great example of the implementation of native plants and xeriscaping at the Bois d’Arc Lake Operations Center.

There are several programs available that offer a wealth of information on designing and implementing water efficient landscape.

- Water Wise (<http://urbanlandscapeguide.tamu.edu/waterwise.html>)
- Texas SmartScape™ (<http://www.txsmartscape.com/>)
- EARTH-KIND™ (<https://aggie-horticulture.tamu.edu/earthkind/publications/#water>)

NTMWD recommends but does not require implementation of this conservation practice in Member Cities and Customers' own water conservation plans.

C. ADDITIONAL WATER SAVING MEASURES FOR NEW IRRIGATION SYSTEM REQUIREMENTS

NTMWD requires certain irrigation system requirements for new and commercial systems. However, this conservation practice can be improved with additional water savings measures. As discussed previously, the Texas legislation regulates irrigation systems and irrigators by adopting minimum standards and specifications for designing, installing, and operating irrigation systems.

Many cities within Region C have adopted irrigation system standards above the minimum state requirements. Some of these standards include:

- Require property owners who install their irrigation system to also comply with the adopted city ordinance.
- Require submission of the irrigation plan in conjunction with the permit application to the applicable city official/department.
- Require all new irrigation systems to not utilize above-ground spray in landscapes that are less than 60 inches in either length or width and which contain impervious pedestrian or vehicular traffic surfaces along two or more perimeters. The use of subsurface or drip irrigation and pressure compensating tubing is permitted if the qualifying area will be irrigated.
- Require all non-turf landscape areas included in the irrigation plan to be designed with subsurface irrigation, drip irrigation, and/or pressure compensating tubing. If the irrigation plan includes a foundation watering system, require a separate zone to be dedicated for drip irrigation for the purpose of watering a structure's foundation.
- Require a flow control master valve to be installed on the discharge side of the backflow prevention device on all new installations.

- Require check valves where elevation differences may result in low head drainage. Check valves may be located at the sprinkler head(s) or on the lateral line.
- Require that pop-up heads shall be installed at grade level and operated to extend above all landscape turfgrass.
- Require that all new irrigation systems must include an automatic controller capable of providing the following features:
 - Multiple irrigation programs with at least three start times per program
 - Limiting the irrigation frequency to once every 7 days and once every 14 days
 - Water budgeting feature
- Require additional information and description for the required “walk-through”. This may include but is not limited to a checklist of things to cover on the “walk-through” with the homeowner or educational leave behind materials.
- Require the signed maintenance checklist be submitted to the applicable city official/department. Require the irrigator’s name, license number, company name, telephone number, and the dates of the warranty period to be on the maintenance checklist.
- Require the irrigation plan indicating the actual installation of the system and the associated seasonal watering schedule be submitted to the applicable city official/department.
- Require the irrigation plan and maintenance checklist be transferred from the new home builder to the first home buyer with documentation confirming the transaction provided to the applicable city official/department.

It is important to note that, at a minimum, Member Cities and Customers must adhere to the irrigation system requirements set by NTMWD.

D. ADDITIONAL WATER WASTE PROVISIONS

NTMWD requires certain water waste provisions. However, this conservation practice can be improved with the inclusion of additional water waste provisions suited for your entity. As discussed previously, the main purpose of a water waste ordinance is to provide a means for enforcement that water waste is prevented during lawn and landscape irrigation, that water resources are conserved for their most beneficial and vital uses, and that public health is protected. It provides a defined enforcement mechanism for exceptional neglect related to the proper maintenance and efficient use of water fixtures, pipes, and irrigation systems. The

ordinance can provide additional assistance or enforcement actions if no corrective action has been taken after a certain number of correspondences.

NTMWD **recommends, but does not require**, the following additional water waste ordinance offenses:

- 1) Sprinkler runoff from a property greater than 50 feet.
- 2) Operating an irrigation system or other lawn watering device during any form of precipitation or when temperatures are below 32 degrees Fahrenheit.
- 3) Irrigation to pond in a street or parking lot to a depth greater than 1/4 inch.
- 4) Failure to repair a controllable leak, including but not limited to a broken sprinkler head, a leaking valve, leaking or broken pipes, or a leaking faucet.
- 5) Operating a permanently installed irrigation system with a broken head or a head that is out of adjustment where the arc of the spray head is over a street or parking lot.
- 6) Washing of driveways, sidewalks, parking lots or other impervious surface areas with an open hose or spray nozzle attached to an open hose, except when required to eliminate conditions that threaten public health, safety or welfare.
- 7) Installation of splash pads that use a flow-through system instead of a cycle tank.

All splash pads should follow the manufacturer's recommendations and health agency guidance for the operation and management of splash pads and have standard operating procedures that help ensure water quality and promote conservation. Standard operating procedures should be tailored to the type of splash-pad (flow-through or cycle tank). Regardless of splash pad type or configuration, consideration should be given towards conservation efforts. For example, operating hours could be adjusted often based on frequency and duration of public use or the runoff can be diverted to serve a functional purpose, such as maintaining native and adapted vegetation.

It is important to note that, at a minimum, Member Cities and Customers must adhere to the water waste provisions set by NTMWD.

E. PARK/ATHLETIC FIELD CONSERVATION

NTMWD recommends that Member Cities and Customers consider the implementation of this conservation practice if there are parks and/or athletic fields within their system that are heavy water users. This conservation practice is intended to address park and athletic field conservation if the water provider manages and/or serves customers with irrigated parks

and/or athletic fields. These facilities often face scrutiny by the public for using large amounts of water or being perceived as using excessive amounts. Athletic field and park irrigation conservation practices and the careful use of water in the operation and maintenance of park facilities can effectively reduce water demands. Once a water provider or customer adopts this practice, it should be followed closely to achieve maximum water efficiency benefits. With the dedication of an athletic field manager, athletic field conservation can effectively reduce system water demand. A manager can implement a watering regimen that only uses the amount of water necessary to maintain the viability of the turf and health of its users.

All park facilities should be metered, and water use billed to reinforce the importance of water efficiency. Before developing an efficient watering program, the water provider should consider meeting with parks irrigation personnel, management, and authorized landscape manager. This discussion should focus on water conservation issues and developing an adequate scope of action for efficiency. The first key is to understand the performance and capabilities of your irrigation system at these facilities. Requiring automatic irrigation systems and controllers at all facilities is recommended. It is essential to have training in soil management, proper aeration methods, nutrient management, mowing, soil testing, and irrigation management.

Achieving conservation can be voluntary or regulatory, based on the needs of the city. Cities may also consider if there is an opportunity to use reclaimed, reused, or recycled water for parks to conserve potable water. However, specific uses must meet TCEQ water quality standards for reclaimed water and human contact, and they must be appropriate for the particular use of the park. Reclaimed water should be applied based on the appropriate water budget. When developing athletic field conservation practices, identify the various stakeholders, including the school district staff, nonprofit athletic associations, private sports complex managers, and city staff. Meeting with them will help achieve long-term results.

NTMWD recommends but does not require implementation of this conservation practice in Member Cities and Customers' own water conservation plans.

F. GOLF COURSE CONSERVATION AND REUSE

NTMWD recommends that Member Cities and Customers consider the implementation of this conservation practice if there are golf courses within their system that are heavy water users. Golf courses can use a considerable amount of water for irrigation, especially during the summer. The Environmental Institute for Golf found that from 2003-2005, an 18-hole course in the southeast region of the country (including North Central Texas) applied an average of 29 inches of irrigation water per acre every year. Irrigation of course play areas, such as fairways, is necessary to support healthy turfgrass and landscape plants, which are important for course playability and aesthetics. However, golf courses can employ several practices to reduce water

use while maintaining the course's playability and aesthetics. Also, overwatering and over-fertilization can negatively impact the water quality in local streams and lakes.

By adopting a conservation plan, golf courses can benefit by:

- Being a good neighbor by conserving local water supplies
- Saving money by reducing water use
- Protecting local water quality
- Maintaining playing conditions on the course
- Increasing irrigation equipment longevity

Water providers may take different golf course conservation approaches: encouraging voluntary efforts by the golf courses to conserve water, making it required as part of a contract, or, if possible, passing an ordinance requiring golf courses to develop and implement a conservation plan. It is important for water providers to work closely with golf courses since they know which practices will have the greatest potential for implementation. The courses may have already completed some best management practices and knowledge which may be effective or not. Water providers should work to coordinate and implement conservation practices on courses that are owned and operated by the local government.

Water conservation and water quality protection measures for golf courses may include, but are not limited to, the following:

Golf Course Landscape Design and Water Sources

- When feasible, use alternative water sources, such as reclaimed or reuse water from wastewater treatment facilities, to supplement or replace potable water sources. Monitor reclaimed water tests regularly for salinity. Rainwater harvesting and on-site pond storage are additional alternative water sources to consider.
- Select drought-tolerant turfgrass varieties to minimize water use while maintaining a high-quality playing surface.
- Reduce the number of irrigated acres on the course by converting non-play and rough areas to native grasses and other drought-tolerant plants. These plants will provide an attractive and low-maintenance landscape.
- Reduce water use by limiting the number and/or size of water features that only serve an aesthetic function.
- Develop a drought management plan that can be implemented when water supplies are low enough to enact local drought mitigation efforts.

Irrigation System Design and Maintenance

- Irrigation systems should be properly designed and installed to maximize water use efficiency while reducing operational costs and maintaining a healthy and playable course.
- Utilize new technology, such as soil moisture sensors, evapotranspiration data, and computer-controlled systems that maximize water efficiency by irrigating based on the turfgrass's moisture needs.
- Hand watering greens or other smaller areas will save water compared to running the entire zone in that area.
- Design the irrigation system to ensure that the irrigation water is distributed evenly and efficiently, with a Distribution Uniformity of 80% or better.
- Frequently inspect all sprinkler heads and other components of the irrigation system and make any adjustments or repairs as needed to improve water use efficiency. Conducting a system-wide audit by a licensed irrigation professional annually can help identify inefficiencies in the system.
- Fix leaks in the system immediately.
- Rain sensors can shut off the irrigation system when an adequate amount of rainfall is received.
- Irrigating in the early morning hours before temperatures rise and when wind speeds are low will reduce the amount of water lost to evaporation.
- Use mowing, aeration, nutrients, and soil amendments to improve soil condition and increase water infiltration.

Water Quality Protection

- Obtain a soil test before applying fertilizer to ensure the correct type and amount is used.
- Apply fertilizers and chemicals according to the directions on the label. Do not overapply.
- Do not overwater fertilizers when applying, resulting in runoff that could carry fertilizers into a nearby stream or pond.
- Maintain vegetated buffers at least 15 feet from the edge of a stream or pond to capture pollutants that may runoff from the course.

NTMWD recommends but does not require implementation of this conservation practice in Member Cities and Customers' own water conservation plans.

G. USE OF LICENSED IRRIGATORS TO INSPECT AND REVIEW ALL IRRIGATION PERMITS AND PLANS

Another potential conservation practice to implement is the requirement of licensed irrigation inspectors to review and inspect all irrigation system plans and installed components before a permit is released. Many cities use licensed plumbing inspectors, as allowed by TCEQ rules, to perform these duties. However, having dedicated licensed irrigation inspectors to implement all aspects of an irrigation system permitting program provides a certain level of focus for complying with water efficiency standards. Reviewing irrigation permits and plans before installing allows for changes to be made to the plans and not after the pipe is already in the ground. This ensures the irrigation system's overall quality, promotes irrigation efficiency and guarantees that the system will comply with state and local requirements.

Developing a review and inspection program at the municipal level reduces the chance for unlicensed irrigators to install irrigation systems improperly. Improper installation can waste water, money, cause future maintenance issues, but most importantly, it may contaminate the public water supply. It is crucial to prevent non-potable water in lawn irrigation pipes from flowing into public water supply pipes.

Inspecting the system provides benefits for water conservation. With open-trench inspections, you can check:

- Depth of piping-which protects from freezing temperatures
- Potential invasion of plant/shrubbery roots
- Joints are glued appropriately, and no leaks occur
- Pipe size-to eliminate water hammer
- Pressure management requirements
- The overall layout of the system

Staff can hold an irrigator's license and inspector's license, but to prevent them from installing and inspecting their work, staff can't have both running concurrently. In 2011, the 82nd Texas Legislature passed House Bill 2507, making it a Class C misdemeanor for an individual to operate as an irrigator in the state of Texas without a valid irrigation license. Therefore, effective September 1, 2011, individuals operating without a license are in direct violation of the Texas Occupational Code, Sec. 1903.256.

According to the Texas Administrative Code, upon completion of the irrigation system, four items must be completed to inform and educate the owner of the system: a final walk-through, a maintenance checklist, licensed irrigator contact information, and an as-built plan. All irrigation system plans, installation, and review requirements must be followed for long-term water efficiency. Minimum state requirements for Landscape Irrigation can be found in Chapter 344 of the Texas Administrative Code.

NTMWD recommends but does not require implementation of this conservation practice in Member Cities and Customers' own water conservation plans.

H. OFFER FREE OR DISCOUNTED IRRIGATION SYSTEM CHECK-UPS FOR RESIDENTIAL CUSTOMERS

The EPA estimates that up to 70% of the total water used during the summer months is applied as outdoor irrigation. As much as 50% of the water used outdoors is wasted due to overwatering and inefficient or malfunctioning irrigation system components. Irrigation system check-ups (also known as evaluations or audits) for residential customers, is a tool that cities can employ to reduce outdoor watering demand. Check-ups are typically offered at no charge to homeowners. A licensed irrigator will evaluate the irrigation system components and controller settings during a typical check-up to see if the irrigation system can operate more efficiently and identify needed repairs or adjustments. The licensed irrigator will run the irrigation system to see if the sprinkler heads function correctly and apply water only to the intended areas. They will check the irrigation system's pressure and discuss the controller settings with the homeowner to advise them on the most efficient watering methods.

One valuable aspect of check-ups is the one-on-one assistance and education that a residential customer receives on properly managing the irrigation system. This education can result in long-term water savings because the customer has a better understanding of the system. Water savings may last for multiple years after the evaluation is completed, mainly due to more efficient watering habits. As part of the check-up, the licensed irrigator will identify inefficiencies in the resident's irrigation system and educate them on programming the irrigation controller for more efficient watering practices, such as seasonal adjustment settings and 'Cycle and Soak'. The sponsoring water provider or city can also offer handouts, brochures, and other educational information to residents. The licensed irrigator can provide a report to the residential customer detailing equipment problems and offer recommendations to change watering habits. Reports can include an estimated water savings amount based on recommended adjustments to the controller's run times. The licensed irrigator should also provide a copy of the report to the sponsoring water provider or city.

Benefits of check-ups include one-on-one contact with residential customers, providing educational information that may result in greater water savings than irrigation system fixes

alone. Check-ups are an excellent customer service tool when managing residents' complaints. When using check-ups, cities can be selective by targeting high water users or those with large lots to maximize budget and water savings. Water providers or cities should consider conducting a customer satisfaction survey after the check-up is completed to determine how many residents have implemented recommended modifications and gauge satisfaction with the check-up program.

NTMWD recommends but does not require implementation of this conservation practice in Member Cities and Customers' own water conservation plans.

I. REBATES

NTMWD recommends that Member Cities and Customers consider offering a rebate program as a conservation practice to be included as part of their water conservation plan. As the population increases in the North Texas region, the demand for water grows, especially because many newer cities require irrigation systems in new developments.

Creating a program that encourages residents to become educated on their irrigation system can improve operation and efficiency. Furthermore, when it comes to the type of irrigation system and standard efficiencies, the Texas AgriLife Research and Extension Urban Solutions Center provides the following average efficiencies by system type:

- Surface/Subsurface drip – 90%
- Surface micro drip irrigation – 85%
- Large Rotors – 70%
- Small Rotors – 65%
- Spray Heads – 50%

This conservation practice of a rebate program provides, in conjunction with a sprinkler evaluation (check-up) program, an incentive to have an evaluation done and make recommended changes. With such a substantial opportunity for efficiency gains, some entities may wish to consider offering rebates to both residential and commercial customers for upgrading their current irrigation systems. By changing out less efficient equipment, this conservation practice intends to increase the irrigation efficiency by 10% or more. With 31% of all residential water use statewide attributed to irrigation, and most of that conducted using spray heads with an average efficiency of 50%, there is a real benefit for developing a rebate program for irrigation systems.

Although rebates for irrigation systems can have large impacts, there are also several other water conservation incentive programs that can be implemented. Other examples include:

- Commercial clothes washer rebates for the purchase and installation of high efficiency card- or coin-operated commercial clothes washers
- Low-flow toilet replacement and rebate programs
- Rebates for rain/freeze sensors and/or ET or Smart controllers
- Low-flow showerhead and sink aerators replacement programs or rebates
- Residential water efficient clothes washer rebates
- Pressure reducing valve installation programs or rebates
- Rain barrel rebates
- Pool cover rebates
- On-demand hot water heater rebates
- Other water conservation incentive programs

NTMWD recommends but does not require implementation of this conservation practice in Member Cities and Customers' own water conservation plans.

J. ICIM RECOMMENDATIONS

NTMWD has partnered with Plummer Associates, Inc. to develop the ICIM program to identify where additional ICIM water savings can be achieved. Member Cities and Customers can adopt a similar approach by implementing the following conservation practices:

- **Classification of Customers by Specific End Use** - A billing system that identifies customers by criteria specific enough to assess usage patterns can greatly assist in reviewing drivers of demand and developing targeted conservation efforts. For example, rather than identify customers as residential, commercial, industrial, or institutional, which is very broad, utilities can classify customers by specific end uses such as Veterinary Hospitals, Full-Service Hotels, or Day Care Centers.
- **End Use Analysis** - In order to determine what water conservation and efficiency programs and policies will be most effective in managing demand, a water utility needs to understand the makeup of its customer base and conduct a thorough assessment of end use water efficiency measures. Understanding what technologies are available, understanding how far along end users are in adopting these new technologies, and understanding the potential impacts to long-term water use trends, allow planners to target the most effective drivers of change.

- **Benchmarking** - As businesses grow, they tend to add more customers and productions. As such, it can be difficult to see the benefit of targeted conservation efforts if you are only looking at the total annual water use. Development of effective and meaningful benchmarking, such as gallons per pound of product, gallons per guest per day, gallons per meal, etc., allows end users to gauge their effectiveness in using water and energy efficiently by providing measures that are easy to define and allow for comparison amongst peers. Additionally, benchmarking allows end users to gauge the effectiveness of their efforts year over year.
- **Providing Water Efficiency Opportunity Surveys for ICIM Customers** - A detailed water efficiency survey can enable end users to understand how they use water, develop a complete inventory of water using equipment and processes, identify potential leaks and losses, set realistic reduction goals, identify and implement useful policies, identify low cost/no cost projects and assess potential investments in significant projects aimed at reducing long-term water demand. Members can reach out to NTMWD to participate in the ongoing Water Efficiency Opportunity Surveys.

NTMWD recommends but does not require implementation of this conservation practice in Member Cities and Customers' own water conservation plans. NTMWD recommends that all Member Cities and Customers participate in the ICIM program and takes advantage of the Water Efficiency Opportunity Surveys.

K. WATER EFFICIENCY OUTREACH PROGRAM

NTMWD provides a wealth of technical assistance and outreach. Wholesale and retail water providers benefit from a consistent water conservation message across multiple cities and can enhance their reputation in the community. Utilizing resources and programs from NTMWD's conservation portal allows Member Cities and Customers to save money by not producing the resources or operating the programs themselves and amplifies a common message. Outreach assistance from NTMWD accomplishes public outreach and education elements in both the wholesale and retail water providers respective water conservation plans.

However, it is recommended that each member city and customer develop their own water efficiency outreach program as well. Perhaps one of the most important actions a utility can take in increasing water use efficiency among its customers is through public education and outreach programs (E&O). The goal of E&O programs is to influence behavioral change for short and long-term water savings. Regular and consistent messaging in customer education will provide an overall picture of water resources in the community. Communicating the need for conservation helps manage existing water supplies and avoids or delays the need for expanded or new infrastructure to meet increased water demands. Customer education also provides valuable information on specific actions they can take in their home or business to

meet these community goals while also benefiting from them personally (i.e., managing their water bill).

Each utility should develop an education and outreach plan suited to their community that is adaptable over time. Understanding which messages need to be conveyed regularly and identifying the target audience(s) is key to a successful program. An effective public education program will help develop trust between the community and the utility as relevant, timely, and fact-based information is provided, and customer service is enhanced.

Many cities have dedicated water conservation web pages located within the main city or utility website that provide tips and other resources. The TWDB is one source that provides publications and other materials that can be placed online or made available in city/utility buildings. NTMWD's online conservation portal is another. The various education and outreach tools also allow cities to promote other programs offered, such as rebates or events, and to communicate other important messages, such as drought conditions or water service outages.

Some customers prefer to learn in a classroom setting or to tour facilities or demonstration areas to better understand certain conservation techniques. Offering in-person or virtual classes or workshops provides an opportunity to connect with these customers, provides hands-on experience, and allows questions on a range of conservation issues to be answered. NTMWD offers several programs such as these described in **Section 8.02**.

NTMWD recommends but does not require implementation of this conservation practice in Member Cities and Customers' own water conservation plans.

2024 Water Resource and Emergency Management Plan

Under Texas Water Code Chapter 11 and Title 30 Texas Administrative Code Chapter 288, Retail, Irrigation and Wholesale Public Water Suppliers are required to develop, implement and submit updated Drought Contingency Plans to the TCEQ every five years.

1.00 INTRODUCTION

City of Wylie is a Member City of the North Texas Municipal Water District (NTMWD). This Plan was developed following TCEQ guidelines and requirements governing the development of drought contingency plans.

The goal of the water resource and emergency management plan is to prepare for potential water shortages and to preserve water for essential uses and the protection of public health. The objectives to achieve this goal are as follows:

- To save water during droughts, water shortages, and emergencies.
- To save water for domestic use, sanitation, and fire protection.
- To protect and preserve public health, welfare, and safety.
- To reduce the adverse impacts of shortages.
- To reduce the adverse impacts of emergency water supply conditions.

Note: NTMWD refers to their drought contingency plan (DCP) as the water resource and emergency management plan (WREMP) and should be considered synonymous with a DCP.

1.01 MINIMUM REGULATORY REQUIREMENTS

A drought contingency plan is defined as “a strategy or combination of strategies for temporary supply and demand management responses to temporary and potentially recurring water supply shortages and other water supply emergencies”. Recognizing the need for efficient use of existing water supplies, the TCEQ has developed guidelines and requirements governing the development of water conservation and drought contingency plans.

The minimum TCEQ requirements and where they are addressed within this document are described in **Appendix B**.

2.00 IMPLEMENTATION AND ENFORCEMENT

2.01 PROVISIONS TO INFORM THE PUBLIC AND OPPORTUNITY FOR INPUT

City of Wylie provided opportunity for public input in the development of this Plan by the following means:

- Providing written notice of the proposed Plan and the opportunity to comment on the Plan by newspaper and posted notice.
- Posting the draft Plan on the community website and/or social media.
- Providing the draft Plan to anyone requesting a copy.

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- Holding a public meeting regarding the Plan on 4/23/2024 Public notice of this meeting was provided on the community website and in local newspapers.
- Approving the Plan at a public Board meeting on 4/23/2024. Public notices of this meeting were provided on the community website and live audio was available during the meeting.

2.02 PROGRAM FOR CONTINUING PUBLIC EDUCATION AND INFORMATION

City of Wylie informs and educates the public about the Plan by the following means:

- Preparing a bulletin describing the plan and making it available at City Hall and/or other appropriate locations.
- Including information and making the Plan available to the public through the community website and/or social media.
- Notifying local organizations, schools, and civic groups that utility staff are available to make presentations on the Plan (usually in conjunction with presentations on water conservation programs).
- At any time that the Plan is activated or changes, City of Wylie will notify local media of the issues, the water resource management stage (if applicable), and the specific actions required of the public. The information will also be publicized on the community website and/or social media. Billing inserts will also be used as appropriate.

2.03 COORDINATION WITH THE REGIONAL WATER PLANNING GROUPS AND NTMWD

Appendix F of this Plan includes copies of letters sent to the Chairs of the appropriate regional water planning groups as well as NTMWD.

2.04 INITIATION AND TERMINATION OF WATER RESOURCE MANAGEMENT STATGES

A. INITITATION OF A WATER RESOURCE MANAGEMENT STAGE

The City Manager or his/her designee may order the implementation of a water resource management stage when one or more of the trigger conditions for that stage is met.

- NTMWD has initiated a water resource management stage. (Stages imposed by NTMWD action *must* be initiated by Member Cities and Customers.)
- Other trigger conditions internal to Wylie specified for each drought stage. For these types of internal conditions, the official designee may decide not to order the

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implementation of a stage even though one or more of the trigger criteria for the stage are met. Factors which could influence such a decision could include, but are not limited to, the time of the year, weather conditions, the anticipation of replenished water supplies, or the anticipation that additional facilities will become available to meet needs. The reason for this decision must be documented.

The following actions will be taken when a water resource management stage is initiated:

- The public will be notified through local media and the supplier's website.
- Wholesale customers and NTMWD will be notified by email that provides details of the reasons for initiation of the water resource management stage.
- If any mandatory provisions of the Plan are activated, City of Wylie will notify the TCEQ and the NTMWD Executive Director within five business days. Instructions can be accessed on the NTMWD portal online at <https://www.ntmwd.com/login/portal/>.

B. TERMINATION OF A WATER RESOURCE MANAGEMENT STAGE

Water resource management stages initiated by NTMWD may be terminated after NTMWD has terminated the stage. For stages initiated by the City Manager or his/her official designee, they may order the termination of a water resource management stage when the conditions for termination are met or at their discretion.

The following actions will be taken when a water resource management stage is terminated:

- The public will be notified through local media and the supplier's website.
- Wholesale customers and NTMWD will be notified by email.
- If any mandatory provisions of the Plan that have been activated are terminated, The City of Wylie will notify the TCEQ Executive Director and the NTMWD Executive Director within five business days. Instructions can be accessed on the NTMWD portal online at <https://www.ntmwd.com/login/portal/>.

The City Manager or his/her official designee may decide not to order the termination of a water resource management stage even though the conditions for termination of the stage are met. Factors which could influence such a decision include, but are not limited to, the time of the year, weather conditions, or the anticipation of potentially changed conditions that warrant the continuation of the water resource management stage. The reason for this decision must be documented.

2.05 PROCEDURE FOR GRANTING VARIANCES TO THE PLAN

The City Manager or his/her official designee may grant temporary variances for existing water uses otherwise prohibited under this Plan if one or more of the following conditions are met:

- Failure to grant such a variance would cause an emergency condition adversely affecting health, sanitation, or fire safety for the public or the person or entity requesting the variance.
- Compliance with this Plan cannot be accomplished due to technical or other limitations.
- Alternative methods that achieve the same level of reduction in water use can be implemented.

Variances shall be granted or denied at the discretion of the City Manager or his/her official designee. All petitions for variances should be in writing and should include the following information:

- Name and address of the petitioners.
- Purpose of water use.
- Specific provisions from which relief is requested.
- Detailed statement of the adverse effect of the provision from which relief is requested.
- Description of the relief requested.
- Period of time for which the variance is sought.
- Alternative measures that will be taken to reduce water use and the level of water use reduction.
- Other pertinent information.

2.06 PROCEDURES FOR ENFORCING MANDATORY WATER USE RESTRICTIONS

Mandatory water use restrictions may be imposed in Stage 1, Stage 2 and Stage 3. The penalties associated with the mandatory water use restrictions are explained below and included in the ordinance enacting this plan.

Stage 1:

- Violations must be observed by the City Manager or his or her designee. Violations will be documented by electronic photographs and filed for review.

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- First-time violations in Stage 1 will be notified of their violation and be warned of the actions that will be imposed after additional violations.
- For the second violation in Stage 1, a \$100.00 administrative fee will be included on the next available water bill. If that second time violation in Stage 1 involved an irrigation system, the \$100.00 administrative fee will be waived or credited after the completion of a free irrigation check-up of the violating system, performed by a licensed irrigator contracted with the City. For the third and subsequent violations in Stage 1, a \$200.00 administrative fee per violation will be included on the next available water bill.
- Unpaid assessed administrative fees related to violations of water use restrictions shall incur late payment penalties and may result in termination of water service.

Stage 2:

- Violations must be observed by the City Manager or his or her designee. Violations will be documented by electronic photographs and filed for review.
- First-time violations in Stage 2 will be assessed a \$100.00 administrative fee on the next available water bill. If that first time violation involved an irrigation system, the \$100.00 administrative fee will be waived or credited after the completion of a free irrigation check-up of the violating system, performed by a licensed irrigator contracted with the City.
- For the second violation in Stage 2, a \$200.00 administrative fee will be included on the next available water bill. For the third and subsequent violations in Stage 2, a \$300.00 administrative fee per violation will be included on the next available water bill.
- Upon the second violation in Stage 2 involving an irrigation system, the irrigation system associated with that property will be disconnected, which could incur additional fees.
- Unpaid assessed administrative fees related to violations of water use restrictions shall incur late payment penalties and may result in termination of water service.

Stage 3:

- Violations must be observed by the City Manager or his or her designee. Violations will be documented by electronic photographs and filed for review.

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- First-time violations in Stage 3 will be assessed a \$200.00 administrative fee on the next available water bill.
- For the second violation in Stage 3, a \$300.00 administrative fee will be included on the next available water bill. For the third and subsequent violations, a \$400.00 administrative fee per violation will be included on the next available water bill.
- Upon the first violation in Stage 3 involving an irrigation system, the irrigation system associated with that property will be disconnected, which could incur additional fees.
- Unpaid assessed administrative fees related to violations of water use restrictions shall incur late payment penalties and may result in termination of water service.

OPTIONAL ADMINISTRATIVE REMEDIES

Contesting Administrative Fees

A customer may appeal the assessment of an administrative fee by requesting in writing to the City Manager or his or her designee that the fee to be waived, providing all information to support the removal of the fee. The customer shall bear the burden of proof to show why the administrative fee should not be assessed. The City Manager or his or her designee shall send written notice within three business days after receiving the first packet of information, and that decision shall be final and binding.

2.07 REVIEW AND UPDATE OF WATER RESOURCE AND EMERGENCY MANAGEMENT PLAN

As required by TCEQ rules, City of Wylie must review their respective Plan every five years. The plan will be updated as appropriate based on new or updated information.

3.00 WATER RESOURCE AND EMERGENCY MANAGEMENT PLAN

Initiation and termination criteria for water management stages include general, demand, supply, and emergency criteria. One of the major indicators of approaching or ongoing drought conditions is NTMWD's combined reservoir storage, defined as storage at Lavon Lake plus storage in Bois d'Arc Lake. Percent storage is determined by dividing the current storage by the total conservation storage when the lakes are full. **Table 2** summarizes the water management stages by triggers based on percent combined storage and associated demand

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reduction goals and outdoor watering restrictions. The following sections go into more detail on the three water management stages.

TCEQ requires notification when mandatory restrictions are placed on a customer. NTMWD must notify TCEQ when they impose mandatory restrictions on Member Cities and Customers. Member Cities and Customers must likewise notify TCEQ when they impose mandatory restrictions on their customers (wholesale or retail). Measures that impose mandatory requirements on customers are denoted with “**requires notification to TCEQ**”. NTMWD and the utilities must notify TCEQ within five business days if these measures are implemented (<https://www.tceq.texas.gov/response/drought/drought-and-public-water-systems>).

Table 2: Water Management Plan Stages Summary

Drought Stage		April to October	November to March	Demand Reduction Goal	Outdoor Watering Restrictions
		Percent Combined Storage			
Stage 1	Initiation	70%	60%	2%	2X per week (Apr-Oct) 1X per week (Nov-Mar)
	Termination	75%	65%		
Stage 2	Initiation	55%	45%	5%	1X per week (Apr-Oct) 1X every other week (Nov-Mar)
	Termination	70%	60%		
Stage 3	Initiation	30%	20%	30%	No outdoor watering
	Termination	55%	45%		

3.01 WATER RESOURCE MANAGEMENT – STAGE 1

A. INITIATION AND TERMINATION CRITERIA FOR STAGE 1

NTMWD has initiated Stage 1, which may be initiated when one or more of the following criteria is met:

- **General Criteria**
 - The Executive Director, with the concurrence of the NTMWD Board of Directors, finds that conditions warrant the declaration of Stage 1.
 - One or more source(s) is interrupted, unavailable, or limited due to contamination, invasive species, equipment failure or other cause.
 - The water supply system is unable to deliver needed supplies due to the failure or damage of major water system components.

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- Part of the system has a shortage of supply or damage to equipment. (NTMWD may implement measures for only that portion of the system impacted.)
- A portion of the service area is experiencing an extreme weather event or power grid/supply disruptions.
- **Demand Criteria**
 - Water demand has exceeded or is expected to exceed 90% of maximum sustainable production or delivery capacity for an extended period.
- **Supply Criteria**
 - The combined storage in Lavon and Bois d'Arc Lake, as published by the TWDB, is less than:
 - 70% of the combined conservation pool capacity during any of the months of April through October
 - 60% of the combined conservation pool capacity during any of the months of November through March
 - The Sabine River Authority (SRA) has indicated that its Upper Basin water supplies used by NTMWD (Lake Tawakoni and/or Lake Fork) are in a Stage 1 drought.
 - NTMWD is concerned that Lake Texoma, Jim Chapman Lake, the East Fork Water Reuse Project, Main Stem Pump Station, and/or some other NTMWD water source may be limited in availability within the next six months.

In addition to NTMWD triggers, listed below are internal triggers that may cause Wylie to initiate Stage 1 restrictions:

- The City's water demand has exceeded 85% of the amount that can be delivered to customers for three consecutive days.
- The City's water demand for all or part of the delivery system equals delivery capacity because delivery capacity is inadequate.
- Water supply system is unable to deliver water due to the failure or damage of major water system components, supply source becomes contaminated, power outage, grid failure, natural disaster, or extreme weather event.
- The City Manager or his/her designee determines that it is appropriate to initiate Stage 1.

Stage 1 may terminate when one or more of the following criteria is met:

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- **General Criteria**
 - The Executive Director, with the concurrence of the NTMWD Board of Directors, finds that conditions warrant the termination of Stage 1.
 - The circumstances that caused the initiation of Stage 1 no longer prevail.
- **Supply Criteria**
 - The combined storage in Lavon and Bois d'Arc Lakes, as published by the TWDB, is greater than:
 - 75% of the combined conservation pool capacity during any of the months of April through October
 - 65% of the combined conservation pool capacity during any of the months of November through March

In situations in which NTMWD is not in any stages, listed below are internal triggers that may cause Wylie to terminate Stage 1 restrictions:

- The circumstances that caused Wylie to initiate Stage 1 no longer prevail.

B. GOAL FOR USE REDUCTION UNDER STAGE 1

The goal for water use reduction under Stage 1 is an annual reduction of 2% in the use that would have occurred in the absence of water management measures. Because discretionary water use is highly concentrated in the summer months, savings should be higher than 5% in summer to achieve an annual savings goal of 2%. **If circumstances warrant, the Executive Director can set a goal for greater or less water use reduction.**

C. WATER MANAGEMENT MEASURES AVAILABLE UNDER STAGE 1

The actions listed below are provided as potential measures to reduce water demand. NTMWD may choose to implement any or all of the available restrictions in Stage 1.

- Continue actions described in the water conservation plan.
- Increase enforcement of landscape watering restrictions from the water conservation plan.
- Initiate engineering studies to evaluate alternative actions that can be implemented if conditions worsen.
- Accelerate public education efforts on ways to reduce water use.
- Halt non-essential NTMWD water use.
- Encourage the public to wait until the current drought or water emergency situation has passed before establishing new landscaping.

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- Encourage all users to reduce the frequency of draining and refilling swimming pools.
- **Requires notification to TCEQ** Initiate a rate surcharge for all water use over a certain level.
- **Requires notification to TCEQ.** Parks, golf courses, and athletic fields using potable water for landscape watering are required to meet the same reduction goals and measures outlined in this stage. As an exception, golf course greens and tee boxes may be hand watered as needed.

3.02 WATER RESOURCE MANAGEMENT – STAGE 2

A. INITIATION AND TERMINATION CRITERIA FOR STAGE 2

NTMWD has initiated Stage 2, which may be initiated due to one or more of the following criteria is met:

- **General Criteria**
 - The Executive Director, with the concurrence of the NTMWD Board of Directors, finds that conditions warrant the declaration of Stage 2.
 - One or more supply source(s) is interrupted, unavailable, or limited due to contamination, invasive species, equipment failure or other cause.
 - The water supply system is unable to deliver needed supplies due to the failure or damage of major water system components.
 - Part of the system has a shortage of supply or damage to equipment. (NTMWD may implement measures for only that portion of the system impacted.)
 - A portion of the service area is experiencing an extreme weather event or power grid/supply disruptions.
- **Demand Criteria**
 - Water demand has exceeded or is expected to exceed 95% of maximum sustainable production or delivery capacity for an extended period.
- **Supply Criteria**
 - The combined storage in Lavon and Bois d’Arc Lake, as published by the TWDB, is less than
 - 55% of the combined conservation pool capacity during any of the months of April through October
 - 45% of the combined conservation pool capacity during any of the months of November through March

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- SRA has indicated that its Upper Basin water supplies used by NTMWD (Lake Tawakoni and/or Lake Fork) are in a Stage 2 drought.
- NTMWD is concerned that Lake Texoma, Jim Chapman Lake, the East Fork Water Reuse Project, the Main Stem Pump Station, and/or some other NTMWD water source may be limited in availability within the next three months.

In addition to NTMWD triggers, listed below are internal triggers that may cause Wylie to initiate Stage 2 restrictions:

- The City's water demand has exceeded 90% of the amount that can be delivered to customers for three consecutive days.
- The City's water demand for all or part of the delivery system equals delivery capacity because delivery capacity is inadequate.
- Water supply system is unable to deliver water due to the failure or damage of major water system components, supply source becomes contaminated, power outage, grid failure, natural disaster, or extreme weather event.
- The City Manager or his/her designee determines that it is appropriate to initiate Stage 2.

Stage 2 may terminate when one or more of the following criteria is met:

- **General Criteria**
 - The Executive Director, with the concurrence of the NTMWD Board of Directors, finds that conditions warrant the termination of Stage 2.
 - The circumstances that caused the initiation of Stage 2 no longer prevail.
- **Supply Criteria**
 - The combined storage in Lavon and Bois d'Arc Lake, as published by the TWDB, is greater than
 - 70% of the combined conservation pool capacity during any of the months of April through October
 - 60% of the combined conservation pool capacity during any of the months of November through March

In situations in which NTMWD is not in any stages, listed below are internal triggers that may cause Wylie to terminate Stage 2 restrictions:

- The circumstances that caused Wylie to initiate Stage 2 no longer prevail.

2024 Water Resource and Emergency Management Plan**City of Wylie****B. GOAL FOR USE REDUCTION UNDER STAGE 2**

The goal for water use reduction under Stage 2 is an annual reduction of 5% in the use that would have occurred in the absence of water resource management measures. Because discretionary water use is highly concentrated in the summer months, savings should be higher than 5% in summer to achieve an annual savings goal of 5%. **If circumstances warrant, the Executive Director can set a goal for greater or less water use reduction.**

C. WATER MANAGEMENT MEASURES AVAILABLE UNDER STAGE 2

The actions listed below are provided as potential measures to reduce water demand. NTMWD may choose to implement any or all of the available restrictions in Stage 2.

- Continue or initiate any actions available under the water conservation plan and Stage 1.
- Implement viable alternative water supply strategies.
- **Requires notification to TCEQ.** Limit landscape watering with sprinklers or irrigation systems at each service address to once per week on designated days between April 1 and October 31. Limit landscape watering with sprinklers or irrigation systems at each service address to once every other week on designated days between November 1 and March 31. For residential water customers, watering day is defined as the assigned trash/recycle pickup day for the property address associated with the irrigation system. If there is no street address associated with the property, or there is more than one street address associated with a single contiguous property, the watering day is defined as Wednesday. For industrial, commercial, and institutional water customers, watering day is defined as Wednesday. Exceptions are as follows:
 - New construction may be watered as necessary for 30 days from the installation of new landscape features.
 - Foundation watering (within 2 feet), watering of new plantings (first year) of shrubs, and watering of trees (within a 10-foot radius of its trunk) for up to two hours on any day by a hand-held hose, a soaker hose, or a dedicated zone using a drip irrigation system, provided no runoff occurs.
 - Athletic fields may be watered twice per week.
 - Locations using alternative sources of water supply only for irrigation may irrigate without day-of-the-week restrictions provided proper signage is employed to notify the public of the alternative water source(s) being used. However, irrigation using alternative sources of supply is subject to all other restrictions applicable to this stage. If the alternative supply source is a well, proper proof of well registration with your local water supplier (e.g., city, water

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supply corporation) is required. Other sources of water supply may not include imported treated water.

- An exemption is for drip irrigation systems from the designated outdoor water use day limited to no more than one day per week. Drip irrigation systems are, however, subject to all other restrictions applicable under this stage.
- **Requires notification to TCEQ.** Prohibit overseeding, sodding, sprigging, broadcasting or plugging with or watering, except for golf courses and athletic fields.
- **Requires notification to TCEQ.** Initiate a rate surcharge for all water use over a certain level.
- **Requires notification to TCEQ.** Parks and golf courses using potable water for landscape watering are required to meet the same reduction goals and measures outlined in this stage. As an exception, golf course greens and tee boxes may be hand watered as needed.

3.03 WATER RESOURCE MANAGEMENT – STAGE 3

A. INITIATION AND TERMINATION CRITERIA FOR STAGE 3

NTMWD has initiated Stage 3, which may be initiated due to one or more of the following criteria is met:

- **General Criteria**
 - The Executive Director, with the concurrence of the NTMWD Board of Directors, finds that conditions warrant the declaration of Stage 3.
 - One or more supply source(s) is interrupted, unavailable, or limited due to contamination, invasive species, equipment failure, or other cause.
 - The water supply system is unable to deliver needed supplies due to the failure or damage of major water system components.
 - Part of the system has a shortage of supply or damage to equipment. (NTMWD may implement measures for only that portion of the system impacted.)
 - A portion of the service area is experiencing an extreme weather event or power grid/supply disruptions.
- **Demand Criteria**
 - Water demand has exceeded or is expected to exceed maximum sustainable production or delivery capacity for an extended period.
- **Supply Criteria**

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- The combined storage in Lavon and Bois d'Arc Lake, as published by the TWDB, is less than
 - 30% of the combined conservation pool capacity during any of the months of April through October
 - 20% of the combined conservation pool capacity during any of the months of November through March
- SRA has indicated that its Upper Basin water supplies used by NTMWD (Lake Tawakoni and/or Lake Fork) are in a drought and have significantly reduced supplies available to NTMWD.
- The supply from Lake Texoma, Jim Chapman Lake, the East Fork Water Reuse Project, the Main Stem Pump Station, and/or some other NTMWD water source has become limited in availability.

In addition to NTMWD triggers, listed below are internal triggers that may cause Wylie to initiate Stage 3 restrictions:

- The City's water demand exceeds the amount that can be delivered to customers.
- The City's water demand for all or part of the delivery system seriously exceeds delivery capacity because delivery capacity is inadequate.
- Water supply system is unable to deliver water due to the failure or damage of major water system components, supply source becomes contaminated, power outage, grid failure, natural disaster, or extreme weather event.
- The City Manager or his/her designee determines that it is appropriate to initiate Stage 3.

Stage 3 may terminate when one or more of the following criteria is met:

- **General Criteria**
 - The Executive Director, with the concurrence of the NTMWD Board of Directors, finds that conditions warrant the termination of Stage 3.
 - Other circumstances that caused the initiation of Stage 3 no longer prevail.
- **Supply Criteria**
 - The combined storage in Lavon and Bois d'Arc Lake, as published by the TWDB, is greater than:
 - 55% of the combined conservation pool capacity during any of the months of April through October

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- 45% of the combined conservation pool capacity during any of the months of November through March

In situations in which NTMWD is in Stage 2, Stage 1 or not in any stages, listed below are internal triggers that may cause Wylie to terminate Stage 3 restrictions:

- The circumstances that caused Wylie to initiate Stage 3 no longer prevail.

B. GOAL FOR USE REDUCTION UNDER STAGE 3

The goal for water use reduction under Stage 3 is an annual reduction of 30% in the use that would have occurred in the absence of water resource management measures, or the goal for water use reduction is whatever reduction is necessary. Because discretionary water use is highly concentrated in the summer months, savings should be higher than 30% in summer to achieve an annual savings goal of 30%. **If circumstances warrant, the Executive Director can set a goal for greater or less water use reduction.**

C. WATER MANAGEMENT MEASURES AVAILABLE UNDER STAGE 3

The actions listed below are provided as potential measures to reduce water demand. NTMWD may choose to implement any or all of the available restrictions in Stage 3.

- Continue or initiate any actions available under the water conservation plan and Stages 1 and 2.
- Implement viable alternative water supply strategies.
- **Requires notification to TCEQ.** Initiate mandatory water use restrictions as follows:
 - Hosing and washing of paved areas, buildings, structures, windows or other surfaces is prohibited except by variance and performed by a professional service using high efficiency equipment.
 - Prohibit operation of ornamental fountains or ponds that use potable water except where supporting aquatic life.
- **Requires notification to TCEQ.** Prohibit new sod, overseeding, sodding, sprigging, broadcasting or plugging with or watering.
- **Requires notification to TCEQ.** Prohibit the use of potable water for the irrigation of new landscape.
- **Requires notification to TCEQ.** Prohibit all commercial and residential landscape watering, except foundations (within 2 feet) and trees (within a 10-foot radius of its trunk) may be watered for two hours one day per week with a hand-held hose, a soaker hose, or a dedicated zone using a drip irrigation system provided no runoff occurs. Drip irrigation systems are not exempt from this requirement.

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- **Requires notification to TCEQ.** Prohibit washing of vehicles except at a commercial vehicle wash facility.
- **Requires notification to TCEQ.** Landscape watering of parks, golf courses, and athletic fields with potable water is prohibited. As an exception, golf course greens and tee boxes may be hand watered as needed. Variances may be granted by the water provider under special circumstances.
- **Requires notification to TCEQ.** Prohibit the filling, draining, and/or refilling of existing swimming pools, wading pools, Jacuzzi and hot tubs except to maintain structural integrity, proper operation and maintenance or to alleviate a public safety risk. Existing pools may add water to replace losses from normal use and evaporation. Permitting of new swimming pools, wading pools, Jacuzzi and hot tubs is prohibited.
- **Requires notification to TCEQ.** Prohibit the operation of interactive water features such as water sprays, dancing water jets, waterfalls, dumping buckets, shooting water cannons, inflatable pools, temporary splash toys or pools, slip-n-slides, or splash pads that are maintained for recreation.
- **Requires notification to TCEQ.** Require all commercial water users to reduce water use by a set percentage.
- **Requires notification to TCEQ.** Initiate a rate surcharge over normal rates for all water use or for water use over a certain level

Appendix A

List of References

The following appendix contains a list of references used throughout the plans.

APPENDIX A

LIST OF REFERENCES

1. Texas Commission on Environmental Quality Water Conservation Implementation Report. <https://www.tceq.texas.gov/assets/public/permitting/forms/20645.pdf>
 2. Title 30 of the Texas Administrative Code, Part 1, Chapter 288, Subchapter A, Rules 288.1 and 288.5, and Subchapter B, Rule 288.22, downloaded from [http://texreg.sos.state.tx.us/public/readtac\\$ext.ViewTAC?tac_view=4&ti=30&pt=1&ch=288](http://texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=4&ti=30&pt=1&ch=288), April 2023.
 3. Water Conservation Implementation Task Force: “Texas Water Development Board Report 362, Water Conservation Best Management Practices Guide,” prepared for the Texas Water Development Board, Austin, November 2004.
 4. Texas Water Development Board, Texas Commission on Environmental Quality, Water Conservation Advisory Council: Guidance and Methodology for Reporting on Water Conservation and Water Use, December 2012
 5. Freese and Nichols, Inc.: Model Water Conservation Plan for NTMWD Members Cities and Customers, prepared for the North Texas Municipal Water District, Fort Worth, January 2019.
 6. Freese and Nichols, Inc.: Model Water Resource and Emergency Management Plan for NTMWD Members Cities and Customers, prepared for the North Texas Municipal Water District, Fort Worth, January 2019.
 7. Freese and Nichols Inc, Alan Plummer Associates, Inc., CP & Y Inc., Cooksey Communications. “2021 Region C Water Plan”
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Appendix B

Texas Administrative Code Title 30

Chapter 288

The following appendix contains the Texas Administrative Code that regulates both water conservation and drought contingency plans. Prior to the code, a summary is given that outlines where each requirement is fulfilled within the plans.

APPENDIX B

TEXAS ADMINISTRATIVE CODE TITLE 30 CHAPTER 288

The TCEQ rules governing development of water conservation plans are contained in Title 30, Chapter 288, Subchapter A of the Texas Administrative Code, which is included in this Appendix for reference.

The water conservation plan elements required by the TCEQ rules that are covered in this water conservation plan are listed below.

Minimum Conservation Plan Requirements for Public Water Suppliers

- 288.2(a)(1)(A) – Utility Profile – Section 2
- 288.2(a)(1)(B) – Record Management System – Section 4
- 288.2(a)(1)(C) – Specific, Quantified Goals – Section 3
- 288.2(a)(1)(D) – Accurate Metering – Section 4
- 288.2(a)(1)(E) – Universal Metering – Section 4
- 288.2(a)(1)(F) – Determination and Control of Water Loss – Section 4
- 288.2(a)(1)(G) – Public Education and Information Program – Section 8
- 288.2(a)(1)(H) – Non-Promotional Water Rate Structure – Section 8
- 288.2(a)(1)(I) – Reservoir System Operation Plan – Section 6
- 288.2(a)(1)(J) – Means of Implementation and Enforcement – Section 7
- 288.2(a)(1)(K) – Coordination with Regional Water Planning Group – Section 7
- 288.2(c) – Review and Update of Plan – Section 7

Additional Requirements for Public Water Suppliers (Population over 5,000)

- 288.2(a)(2)(A) – Leak Detection, Repair, and Water Loss Accounting – Section 4

<u>TITLE 30</u>	ENVIRONMENTAL QUALITY
<u>PART 1</u>	TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
<u>CHAPTER 288</u>	WATER CONSERVATION PLANS, DROUGHT CONTINGENCY PLANS, GUIDELINES AND REQUIREMENTS
<u>SUBCHAPTER A</u>	WATER CONSERVATION PLANS
RULE §288.1	Definitions

The following words and terms, when used in this chapter, shall have the following meanings, unless the context clearly indicates otherwise.

(1) Agricultural or Agriculture--Any of the following activities:

(A) cultivating the soil to produce crops for human food, animal feed, or planting seed or for the production of fibers;

(B) the practice of floriculture, viticulture, silviculture, and horticulture, including the cultivation of plants in containers or non-soil media by a nursery grower;

(C) raising, feeding, or keeping animals for breeding purposes or for the production of food or fiber, leather, pelts, or other tangible products having a commercial value;

(D) raising or keeping equine animals;

(E) wildlife management; and

(F) planting cover crops, including cover crops cultivated for transplantation, or leaving land idle for the purpose of participating in any governmental program or normal crop or livestock rotation procedure.

(2) Agricultural use--Any use or activity involving agriculture, including irrigation.

(3) Best management practices--Voluntary efficiency measures that save a quantifiable amount of water, either directly or indirectly, and that can be implemented within a specific time frame.

(4) Conservation--Those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water, or increase the recycling and reuse of water so that a water supply is made available for future or alternative uses.

(5) Commercial use--The use of water by a place of business, such as a hotel, restaurant, or office building. This does not include multi-family residences or agricultural, industrial, or institutional users.

(6) Drought contingency plan--A strategy or combination of strategies for temporary supply and demand management responses to temporary and potentially recurring water supply shortages and other water supply emergencies. A drought contingency plan may be a separate document identified as such or may be contained within another water management document(s).

(7) Industrial use--The use of water in processes designed to convert materials of a lower order of value into forms having greater usability and commercial value, and the development of power by means other than hydroelectric, but does not include agricultural use.

(8) Institutional use--The use of water by an establishment dedicated to public service, such as a school, university, church, hospital, nursing home, prison or government facility. All facilities dedicated to public service are considered institutional regardless of ownership.

(9) Irrigation--The agricultural use of water for the irrigation of crops, trees, and pastureland, including, but not limited to, golf courses and parks which do not receive water from a public water supplier.

(10) Irrigation water use efficiency--The percentage of that amount of irrigation water which is beneficially used by agriculture crops or other vegetation relative to the amount of water diverted from the source(s) of supply. Beneficial uses of water for irrigation purposes include, but are not limited to, evapotranspiration needs for vegetative maintenance and growth, salinity management, and leaching requirements associated with irrigation.

(11) Mining use--The use of water for mining processes including hydraulic use, drilling, washing sand and gravel, and oil field re-pressuring.

(12) Municipal use--The use of potable water provided by a public water supplier as well as the use of sewage effluent for residential, commercial, industrial, agricultural, institutional, and wholesale uses.

(13) Nursery grower--A person engaged in the practice of floriculture, viticulture, silviculture, and horticulture, including the cultivation of plants in containers or nonsoil media, who grows more than 50% of the products that the person either sells or leases, regardless of the variety sold, leased, or grown. For the purpose of this definition, grow means the actual cultivation or propagation of the product beyond the mere holding or maintaining of the item prior to sale or lease, and typically includes activities associated with the production or multiplying of stock such as the development of new plants from cuttings, grafts, plugs, or seedlings.

(14) Pollution--The alteration of the physical, thermal, chemical, or biological quality of, or the contamination of, any water in the state that renders the water harmful, detrimental, or injurious to humans, animal life, vegetation, or property, or to the public health, safety, or welfare, or impairs the usefulness or the public enjoyment of the water for any lawful or reasonable purpose.

(15) Public water supplier--An individual or entity that supplies water to the public for human consumption.

(16) Regional water planning group--A group established by the Texas Water Development Board to prepare a regional water plan under Texas Water Code, §16.053.

(17) Residential gallons per capita per day--The total gallons sold for residential use by a public water supplier divided by the residential population served and then divided by the number of days in the year.

(18) Residential use--The use of water that is billed to single and multi-family residences, which applies to indoor and outdoor uses.

(19) Retail public water supplier--An individual or entity that for compensation supplies water to the public for human consumption. The term does not include an individual or entity that supplies water to itself or its employees or tenants when that water is not resold to or used by others.

(20) Reuse--The authorized use for one or more beneficial purposes of use of water that remains unconsumed after the water is used for the original purpose of use and before that water is either disposed of or discharged or otherwise allowed to flow into a watercourse, lake, or other body of state-owned water.

(21) Total use--The volume of raw or potable water provided by a public water supplier to billed customer sectors or nonrevenue uses and the volume lost during conveyance, treatment, or transmission of that water.

(22) Total gallons per capita per day (GPCD)--The total amount of water diverted and/or pumped for potable use divided by the total permanent population divided by the days of the year. Diversion volumes of reuse as defined in this chapter shall be credited against total diversion volumes for the purposes of calculating GPCD for targets and goals.

(23) Water conservation coordinator--The person designated by a retail public water supplier that is responsible for implementing a water conservation plan.

(24) Water conservation plan--A strategy or combination of strategies for reducing the volume of water withdrawn from a water supply source, for reducing the loss or waste of water, for maintaining or improving the efficiency in the use of water, for increasing the

recycling and reuse of water, and for preventing the pollution of water. A water conservation plan may be a separate document identified as such or may be contained within another water management document(s).

(25) Wholesale public water supplier--An individual or entity that for compensation supplies water to another for resale to the public for human consumption. The term does not include an individual or entity that supplies water to itself or its employees or tenants as an incident of that employee service or tenancy when that water is not resold to or used by others, or an individual or entity that conveys water to another individual or entity, but does not own the right to the water which is conveyed, whether or not for a delivery fee.

(26) Wholesale use--Water sold from one entity or public water supplier to other retail water purveyors for resale to individual customers.

Source Note: The provisions of this §288.1 adopted to be effective May 3, 1993, 18 TexReg 2558; amended to be effective February 21, 1999, 24 TexReg 949; amended to be effective April 27, 2000, 25 TexReg 3544; amended to be effective August 15, 2002, 27 TexReg 7146; amended to be effective October 7, 2004, 29 TexReg 9384; amended to be effective January 10, 2008, 33 TexReg 193; amended to be effective December 6, 2012, 37 TexReg 9515; amended to be effective August 16, 2018, 43 TexReg 5218

<u>TITLE 30</u>	ENVIRONMENTAL QUALITY
<u>PART 1</u>	TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
<u>CHAPTER 288</u>	WATER CONSERVATION PLANS, DROUGHT CONTINGENCY PLANS, GUIDELINES AND REQUIREMENTS
<u>SUBCHAPTER A</u>	WATER CONSERVATION PLANS
RULE §288.2	Water Conservation Plans for Municipal Uses by Public Water Suppliers

(a) A water conservation plan for municipal water use by public water suppliers must provide information in response to the following. If the plan does not provide information for each requirement, the public water supplier shall include in the plan an explanation of why the requirement is not applicable.

(1) Minimum requirements. All water conservation plans for municipal uses by public water suppliers must include the following elements:

(A) a utility profile in accordance with the Texas Water Use Methodology, including, but not limited to, information regarding population and customer data, water use data (including total gallons per capita per day (GPCD) and residential GPCD), water supply system data, and wastewater system data;

(B) a record management system which allows for the classification of water sales and uses into the most detailed level of water use data currently available to it, including, if possible, the sectors listed in clauses (i) - (vi) of this subparagraph. Any new billing system purchased by a public water supplier must be capable of reporting detailed water use data as described in clauses (i) - (vi) of this subparagraph:

- (i) residential;
 - (I) single family;
 - (II) multi-family;
- (ii) commercial;

- (iii) institutional;
- (iv) industrial;
- (v) agricultural; and,
- (vi) wholesale.

(C) specific, quantified five-year and ten-year targets for water savings to include goals for water loss programs and goals for municipal use in total GPCD and residential GPCD. The goals established by a public water supplier under this subparagraph are not enforceable;

(D) metering device(s), within an accuracy of plus or minus 5.0% in order to measure and account for the amount of water diverted from the source of supply;

(E) a program for universal metering of both customer and public uses of water, for meter testing and repair, and for periodic meter replacement;

(F) measures to determine and control water loss (for example, periodic visual inspections along distribution lines; annual or monthly audit of the water system to determine illegal connections; abandoned services; etc.);

(G) a program of continuing public education and information regarding water conservation;

(H) a water rate structure which is not "promotional," i.e., a rate structure which is cost-based and which does not encourage the excessive use of water;

(I) a reservoir systems operations plan, if applicable, providing for the coordinated operation of reservoirs owned by the applicant within a common watershed or river basin in order to optimize available water supplies; and

(J) a means of implementation and enforcement which shall be evidenced by:

(i) a copy of the ordinance, resolution, or tariff indicating official adoption of the water conservation plan by the water supplier; and

(ii) a description of the authority by which the water supplier will implement and enforce the conservation plan; and

(K) documentation of coordination with the regional water planning groups for the service area of the public water supplier in order to ensure consistency with the appropriate approved regional water plans.

(2) Additional content requirements. Water conservation plans for municipal uses by public drinking water suppliers serving a current population of 5,000 or more and/or a projected population of 5,000 or more within the next ten years subsequent to the effective date of the plan must include the following elements:

(A) a program of leak detection, repair, and water loss accounting for the water transmission, delivery, and distribution system;

(B) a requirement in every wholesale water supply contract entered into or renewed after official adoption of the plan (by either ordinance, resolution, or tariff), and including any contract extension, that each successive wholesale customer develop and implement a water conservation plan or water conservation measures using the applicable elements in this chapter. If the customer intends to resell the water, the contract between the initial supplier and customer must provide that the contract for the resale of the water must have water conservation requirements so that each successive customer in the resale of the water will be required to implement water conservation measures in accordance with the provisions of this chapter.

(3) Additional conservation strategies. Any combination of the following strategies shall be selected by the water supplier, in addition to the minimum requirements in paragraphs (1) and (2) of this subsection, if they are necessary to achieve the stated water conservation goals of the plan. The commission may require that any of the following strategies be implemented by the water supplier if the commission determines that the strategy is necessary to achieve the goals of the water conservation plan:

(A) conservation-oriented water rates and water rate structures such as uniform or increasing block rate schedules, and/or seasonal rates, but not flat rate or decreasing block rates;

(B) adoption of ordinances, plumbing codes, and/or rules requiring water-conserving plumbing fixtures to be installed in new structures and existing structures undergoing substantial modification or addition;

(C) a program for the replacement or retrofit of water-conserving plumbing fixtures in existing structures;

(D) reuse and/or recycling of wastewater and/or graywater;

(E) a program for pressure control and/or reduction in the distribution system and/or for customer connections;

(F) a program and/or ordinance(s) for landscape water management;

(G) a method for monitoring the effectiveness and efficiency of the water conservation plan;
and

(H) any other water conservation practice, method, or technique which the water supplier shows to be appropriate for achieving the stated goal or goals of the water conservation plan.

(b) A water conservation plan prepared in accordance with 31 TAC §363.15 (relating to Required Water Conservation Plan) of the Texas Water Development Board and substantially meeting the requirements of this section and other applicable commission rules may be submitted to meet application requirements in accordance with a memorandum of understanding between the commission and the Texas Water Development Board.

(c) A public water supplier for municipal use shall review and update its water conservation plan, as appropriate, based on an assessment of previous five-year and ten-year targets and any other new or updated information. The public water supplier for municipal use shall review and update the next revision of its water conservation plan every five years to coincide with the regional water planning group.

APPENDIX B

TEXAS ADMINISTRATIVE CODE TITLE 30 CHAPTER 288

The TCEQ rules governing development of drought contingency plans are contained in Title 30, Chapter 288, Subchapter B of the Texas Administrative Code, which is included in this Appendix for reference.

The drought contingency plan elements required by the TCEQ rules that are covered in this drought contingency plan are listed below.

Minimum Drought Contingency Plan Requirements for Public Water Suppliers

- **288.20(a)(1)(A)** – Provisions to Inform Public and Provide Opportunity for Public Input - Section 2
- **288.20(a)(1)(B)** – Program for Continuing Public Education and Information – Section 2
- **288.20(a)(1)(C)** –Coordination with Regional Water Planning Groups – Section 2
- **288.20(a)(1)(D)** – Description of Information to Be Monitored and Criteria for the Initiation and Termination of Water Resource Management Stages – Sections 2
- **288.20(a)(1)(E)** – Stages for Implementation of Measures in Response to Situations – Section 3
- **288.20(a)(1)(F)** – Specific, Quantified Targets for Water Use Reductions During Water Shortages – Section 3
- **288.20(a)(1)(G)** – Specific Water Supply or Water Demand Measures to Be Implemented at Each Stage of the Plan – Section 3
- **288.20(a)(1)(H)** – Procedures for Initiation and Termination of Drought Contingency and Water Emergency Response Stages – Section 2
- **288.20(a)(1)(I)** – Description of Procedures to Be Followed for Granting Variances to the Plan – Section 2
- **288.20(a)(1)(J)** – Procedures for Enforcement of Mandatory Water Use Restrictions – Section 2
- **288.20(b)** – TCEQ Notification of Implementation of Mandatory Provisions – Sections 2 and 3
- **288.20(c)** – Review of Drought Contingency and Water Emergency Response Plan Every Five (5) Years – Section 2

<u>TITLE 30</u>	ENVIRONMENTAL QUALITY
<u>PART 1</u>	TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
<u>CHAPTER 288</u>	WATER CONSERVATION PLANS, DROUGHT CONTINGENCY PLANS, GUIDELINES AND REQUIREMENTS
<u>SUBCHAPTER B</u>	DROUGHT CONTINGENCY PLANS
RULE §288.20	Drought Contingency Plans for Municipal Uses by Public Water Suppliers

(a) A drought contingency plan for a retail public water supplier, where applicable, must include the following minimum elements.

(1) Minimum requirements. Drought contingency plans must include the following minimum elements.

(A) Preparation of the plan shall include provisions to actively inform the public and affirmatively provide opportunity for public input. Such acts may include, but are not limited to, having a public meeting at a time and location convenient to the public and providing written notice to the public concerning the proposed plan and meeting.

(B) Provisions shall be made for a program of continuing public education and information regarding the drought contingency plan.

(C) The drought contingency plan must document coordination with the regional water planning groups for the service area of the retail public water supplier to ensure consistency with the appropriate approved regional water plans.

(D) The drought contingency plan must include a description of the information to be monitored by the water supplier, and specific criteria for the initiation and termination of drought response stages, accompanied by an explanation of the rationale or basis for such triggering criteria.

(E) The drought contingency plan must include drought or emergency response stages providing for the implementation of measures in response to at least the following situations:

- (i) reduction in available water supply up to a repeat of the drought of record;
- (ii) water production or distribution system limitations;

(iii) supply source contamination; or

(iv) system outage due to the failure or damage of major water system components (e.g., pumps).

(F) The drought contingency plan must include specific, quantified targets for water use reductions to be achieved during periods of water shortage and drought. The entity preparing the plan shall establish the targets. The goals established by the entity under this subparagraph are not enforceable.

(G) The drought contingency plan must include the specific water supply or water demand management measures to be implemented during each stage of the plan including, but not limited to, the following:

(i) curtailment of non-essential water uses; and

(ii) utilization of alternative water sources and/or alternative delivery mechanisms with the prior approval of the executive director as appropriate (e.g., interconnection with another water system, temporary use of a non-municipal water supply, use of reclaimed water for non-potable purposes, etc.).

(H) The drought contingency plan must include the procedures to be followed for the initiation or termination of each drought response stage, including procedures for notification of the public.

(I) The drought contingency plan must include procedures for granting variances to the plan.

(J) The drought contingency plan must include procedures for the enforcement of mandatory water use restrictions, including specification of penalties (e.g., fines, water rate surcharges, discontinuation of service) for violations of such restrictions.

(2) Privately-owned water utilities. Privately-owned water utilities shall prepare a drought contingency plan in accordance with this section and incorporate such plan into their tariff.

(3) Wholesale water customers. Any water supplier that receives all or a portion of its water supply from another water supplier shall consult with that supplier and shall include in the drought contingency plan appropriate provisions for responding to reductions in that water supply.

(b) A wholesale or retail water supplier shall notify the executive director within five business days of the implementation of any mandatory provisions of the drought contingency plan.


(c) The retail public water supplier shall review and update, as appropriate, the drought contingency plan, at least every five years, based on new or updated information, such as the adoption or revision of the regional water plan.

Source Note: The provisions of this §288.20 adopted to be effective February 21, 1999, 24 TexReg 949; amended to be effective April 27, 2000, 25 TexReg 3544; amended to be effective October 7, 2004, 29 TexReg 9384

Appendix C

TCEQ Water Utility Profile

The following appendix contains the form TCEQ-10218 and/or TCEQ-20162.



Texas Commission on Environmental Quality

**UTILITY PROFILE AND WATER CONSERVATION PLAN
REQUIREMENTS FOR MUNICIPAL WATER USE
BY RETAIL PUBLIC WATER SUPPLIERS**

This form is provided to assist retail public water suppliers in water conservation plan development. If you need assistance in completing this form or in developing your plan, please contact the conservation staff of the Resources Protection Team in the Water Availability Division at (512)239-4691.

City of Wylie - Utility Profile Based on TCEQ Format

Name:	City of Wylie
Address:	949 Hensley Lane
	Wylie, TX 75098
Telephone Number:	(972)516-6151
Water Right No.(s):	--
Regional Water Planning Group:	Region C
Form Completed by:	Adam Conner
Title:	Freese and Nichols
Person responsible for implementing conservation program:	Albert Garza
Signature:	Date:

NOTE: If the plan does not provide information for each requirement, include an explanation of why the requirement is not applicable.

UTILITY PROFILE

I. POPULATION AND CUSTOMER DATA

A. Population and Service Area Data

1. Attach a copy of your service-area map.
 See figure of service area in WCP

2. Service area size (square miles): 24.63

3. Current population of service area: 47,332

4. Current population served for:
 a. water: 47,332
 b. wastewater: 47,332

5. Population served by utility for the previous five years:

6. Projected population for service area in the following decades:

<u>Year</u>	<u>Population</u>	<u>Year</u>	<u>Population</u>
<u>2018</u>	<u>44,418</u>	<u>2030</u>	<u>47,379</u>
<u>2019</u>	<u>44,934</u>	<u>2040</u>	<u>46,874</u>
<u>2020</u>	<u>46,506</u>	<u>2050</u>	<u>49,115</u>
<u>2021</u>	<u>47,133</u>	<u>2060</u>	<u>50,589</u>
<u>2022</u>	<u>47,332</u>	<u>2070</u>	<u>50,589</u>

7. List source or method for the calculation of current and projected population size.
TWDB Water Use Surveys and 2026 Region C Final Population Projections

B. Customers Data

Senate Bill 181 requires that uniform consistent methodologies for calculating water use and conservation be developed and available to retail water providers and certain other water use sectors as a guide for preparation of water use reports, water conservation plans, and reports on water conservation efforts. A water system must provide the most detailed level of customer and water use data available to it, however, any new billing system purchased must be capable of reporting data for each of the sectors listed below. http://www.tceq.texas.gov/assets/public/permitting/watersupply/water_rights/sb181_guidance.pdf

1. Current number of active connections. Check whether multi-family service is counted as Residential or Commercial?

Note: This represents retail connection count in 2022

<i>Treated Water Users</i>	<i>Metered</i>	<i>Non-Metered</i>	<i>Totals</i>
Residential - Single Family	12,871		12,871
Residential - Multi Family	2,001		2,001
Institutional	59		59
Commerical	822		822
Industrial	21		21
Agriculture	0		0
Reuse	0		0
Total Unmetered	0	0	0
TOTAL	15,774	0	15,774

2. List the number of new connections per year for most recent three years.

<i>Year</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>
<i>Treated Water Users</i>			
Residential - Single Family	2,166	-1,701	103
Residential - Multi Family	-1,667	2,014	-13
Institutional	5	-61	-3
Commerical	15	-37	-24
Industrial	0	-1	0
Agriculture	0	0	0
Reuse	0	0	0
Total Unmetered	0	0	0
TOTAL	519	214	63

3. List of annual water use for the five highest volume customers.

Note: This represents highest retail customers in 2023

<i>Customer</i>	<i>Use (1,000 gal/year)</i>	<i>Treated or Raw</i>
1. Collin County Community College	14,852	Treated
2. Sanden International	12,083	Treated
3. Nortex Nursery	10,702	Treated
4. Tower Extrusions, LLC	9,582	Treated
5. Founders Plaza Nursing and Rehab	5,759	Treated

II. WATER USE DATA FOR SERVICE AREA**A. Water Accounting Data**

1. List the amount of water use for the previous five years (in 1,000 gallons.)

Indicate whether this is diverted or treated water.

<u>Year</u> <u>Month</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
January	113,451	94,790	114,430	97,770	95,671
February	105,434	89,720	92,210	106,220	90,358
March	107,858	109,260	103,350	114,260	99,646
April	121,665	116,800	136,070	121,690	125,768
May	176,465	133,370	140,300	93,480	147,214
June	174,043	130,880	210,070	145,640	175,213
July	246,576	196,090	230,990	175,930	266,004
August	225,595	261,130	257,900	206,840	236,550
September	133,912	203,110	163,560	200,640	189,011
October	120,146	164,300	169,480	143,710	191,343
November	111,379	109,800	112,020	108,540	119,442
December	98,051	94,730	119,320	109,270	120,920
Totals	1,734,575	1,703,980	1,849,700	1,623,990	1,857,140

Describe how the above figures were determined (e.g, from a master meter located at the point of a diversion from the source, or located at a point where raw water enters the treatment plant, or from water sales).

Treated surface water is delivered by North Texas Municipal Water District

2. Amount of water (in 1,000 gallons) delivered/sold as recorded by the following account types for the past five years.

<u>Year</u> <u>Account Types</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
Residential	1,042,159	994,846	1,104,132	1,103,870	1,310,860
Single-Family	1,042,159	994,846	1,104,132	1,031,000	1,173,700
Multi-Family	0	0	0	72,870	137,160
Commercial	267,437	266,432	290,006	273,760	321,240
Industrial/Mining	48,627	30,068	24,532	34,740	360
Institutional	43,781	36,694	35,460	36,110	36,370
Agriculture	0	0	0	0	0
TOTAL	1,402,004	1,328,040	1,454,130	1,448,480	1,668,830

3. List the previous records for water loss for the past five years (the difference between water diverted or treated and water delivered or sold).

<i>Year</i>	<i>Amount (gallons)</i>	<i>Percent</i>
2018	103,731,398	6.0%
2019	78,928,515	4.6%
2020	45,819,000	2.5%
2021	23,454,000	1.4%
2022	62,678,825	3.4%

B. Projected Water Demands

If applicable, attach or cite projected water supply demands from the applicable Regional Water Planning Group for the next ten years using information such as population trends, historical water use, and economic growth in the service area over the next ten years and any additional water supply requirements from such growth.

Year	Projected Demand of Served Population (AF/Y)	Source of data
2022	5,121	<i>Actual Demand</i>
2023	5,348	<i>Interpolated</i>
2024	5,575	<i>Interpolated</i>
2025	5,802	<i>Interpolated</i>
2026	6,028	<i>Interpolated</i>
2027	6,255	<i>Interpolated</i>
2028	6,482	<i>Interpolated</i>
2029	6,708	<i>Interpolated</i>
2030	6,935	<i>2026 Region C Plan</i>
2031	6,925	<i>Interpolated</i>

Note: Projections for 2022-2030 are calculated by taking the 2022 actual demand and interpolating to the 2030 projection from the draft 2026 Region C Plan. Projections for 2030-2040 are calculated by interpolating between the 2030 and 2040 projections from the 2026 Region C Plan. Projections include TWDB estimated reductions for plumbing fixtures.

III. WATER SUPPLY SYSTEM DATA

A. Water Supply Sources

List all current water supply sources and the amounts authorized (in acre feet) with each.

<i>Water Type</i>	<i>Source</i>	<i>Amount Authorized</i>
Surface Water	-	-
Groundwater	-	-
Contracts	North Texas Municipal Water District	-
Other	-	-
Total	-	0

B. Treatment and Distribution System

1. Design daily capacity of system: 41.328 MGD

Treatment Plant	Design Well Pumping Capacity (MGD)	Firm Well Pumping Capacity (MGD)
NA		
TOTAL		

2. Storage capacity: 9.0 MG

- a. Elevated 3.0 MG
- b. Ground 6.0 MG

3. If surface water, do you recycle filter backwash to the head of the plant?
 Yes No If yes, approximate amount (MGD):

IV. WASTEWATER SYSTEM DATA

A. Wastewater System Data (if applicable)

1. Design capacity of wastewater treatment plant(s) (MGD):

2. Treated effluent is used for:
- on-site irrigation,
 - off-site irrigation,
 - plant wash-down, and or
 - chlorination/dechlorination.

If yes, approximate amount (in gallons per month):

3. Briefly describe the wastewater system(s) of the area serviced by the water utility. Describe how treated wastewater is disposed. Where applicable, identify treatment plant(s) with the TCEQ name and number, the operator, owner, and the receiving stream if wastewater is discharged.

Treatment Plant Name	TCEQ Number	Permitted Discharge (MGD)*	Operator	Owner	Receiving Stream
Muddy Creek WWTP	WQ0014216001	10 MGD** 20MGD***	NTMWD	NTMWD	Muddy Creek

*Note: Permitted discharges listed represent the current and build-out facility design capacities (MGD).

Authorized discharge prior to expansion *Authorized discharge following expansion

B. Wastewater Data for Service Area (if applicable)

1. Percent of water service area served by wastewater system: _____

2. Monthly volume treated for previous five years (in 1,000 gallons):

<i>Year</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>
<i>Month</i>				
January	250,330	247,801	239,769	220,757
February	204,645	257,762	221,157	203,194
March	231,245	342,886	252,211	223,204
April	276,640	239,508	239,814	230,448
May	310,972	240,391	326,831	238,889
June	252,058	230,641	304,841	213,529
July	197,859	222,504	249,122	185,823
August	180,851	226,450	215,461	205,289
September	170,287	251,036	188,805	197,731
October	195,176	189,559	209,757	211,595
November	202,814	179,304	216,197	278,329
December	205,332	214,278	214,340	274,740
Totals	2,678,209	2,842,120	2,878,302	2,683,526

*Volumes are measured from Muddy Creek, which serves both Murphy and Wylie

Appendix D
NTMWD Member City and
Customer Annual Water
Conservation Report

APPENDIX D
NTMWD MEMBER CITY AND CUSTOMER WATER CONSERVATION REPORT
Due: March 31 of every year

Contact Information

TWDB Survey Number:	957600
Name of System:	City of Wylie
PWS ID:	430011
Contact Name:	Albert Garza
Title:	Utilities Manager
Email Address:	Albert.garza@wylietexas.gov
Telephone Number:	972-516-6151
Year Covered:	2022
Days in Year	365

Water System Information

Estimated Water Service Area Population: 47,232

of Backflow Preventers: 6,866

Reference RG-195 Rules and Regulations for Public Water Systems 290.38(10). Population was determined by multiplying the number of service connection by three. Service connections in an apartment complex would be equal the number of individual apartment

Source: units.

Peak Day Usage

Delivery Point	Total System	1A	2	3
Peak Day (MG)	10.96	4.28	3.75	5.68
Average Day (MG)	5.09	0.99	1.83	2.26
Peak/Average Day Ratio	2.15	4.30	2.04	2.51
Firm Pumping Capacity (MGD)	31.90	10.66	9.22	12.02
Storage Volume (MG)	6.50	1.50	2.50	2.00

Authorized Consumption and Water Loss

Total System Input Volume:	1,857
Billed Metered:	1,704
Billed Unmetered (MG):	0
Unbilled Metered (MG):	0
Unbilled Unmetered (MG):	126
Total Authorized Consumption:	1,830
Water Loss (MG):	27
Water Loss (gpcd):	2
Water Loss (percent):	1%

Description: 0

Description: 0

Description: Estimated water not billed or metered, such as most line flushing.

Per Capita Use (Gallons per person per day)

Total Use (MG)	<u>1,857</u>
Residential Use (MG)	<u>1,311</u>
Municipal Use (MG)	<u>1,821</u>
ICIM Use (MG)	<u>519</u>
Total Per Capita Use (gpcd)	<u>108</u>
Residential Per Capita Use (gpcd)	<u>76</u>
Municipal Per Capita Use (gpcd)	<u>106</u>
ICIM Per Capita Use (gpcd)	<u>30</u>

Water Conservation Plan 5- and 10-Year Goals for Water Savings

	5-Year Goal	10-Year Goal	
Total GPCD	106	105	Total GPCD = (Total Gallons in System / Permanent Population) / 365
Residential GPCD	63	62	Residential GPCD = (Gallons Used for Residential Use / Residential Population) / 365
Water Loss (GPCD)	9	9	Water Loss GPCD = (Total Water Loss / Permanent Population) / 365
Water Loss (Percentage)	8%	8%	Water Loss Percentage = (Total Water Loss / Total Gallons in System) x 100; or (Water Loss GPCD / Total GPCD) x 100

Retail Water Metered by Month (in Million Gallons):

Month	Sales by Category								
	Residential Single Family	Residential Multi-Family	Public/Institutional	Commercial	Industrial	Agriculture	Bulk Water Sales	Wholesale	Direct Reuse
January	63.11	8.91	1.04	12.64	2.16	-	0.24	-	-
February	116.81	17.04	2.13	24.19	4.29	-	0.84	-	-
March	60.55	7.87	1.19	13.96	2.92	-	0.90	-	-
April	70.95	9.22	1.46	13.51	3.05	-	0.76	-	-
May	93.25	10.52	2.23	20.47	3.15	-	0.81	-	-
June	120.78	10.70	5.17	41.12	3.12	-	2.85	-	-
July	174.99	13.05	5.35	42.49	3.23	-	2.73	-	-
August	133.92	11.29	5.46	40.32	3.31	-	0.91	-	-
September	110.71	10.28	4.63	38.83	3.18	-	0.69	-	-
October	106.47	10.80	5.53	33.13	2.86	-	0.78	-	-
November	70.48	19.80	1.46	18.20	2.80	-	0.08	-	-
December	51.70	7.69	0.73	10.72	1.95	-	0.09	-	-
TOTAL	1,173.70	137.16	36.37	309.57	36.01	-	11.67	-	-
# of Connections (or Units)	12,871.00	2,001.00	59.00	822.00	21.00	-	-	-	-

Recorded Supplies from Sources by Month (in Million Gallons):

Month	Deliveries from NTMWD	Other Sources						Total Supplies
January	95.67						95.67	
February	90.36						90.36	
March	99.65						99.65	
April	125.77						125.77	
May	147.21						147.21	
June	175.21						175.21	
July	266.00						266.00	
August	236.55						236.55	
September	189.01						189.01	

October	191.34								191.34
November	119.44								119.44
December	120.92								120.92
TOTAL	1,857.14	-	-	-	-	-	-	-	1,857.14

Recorded Supplies by Delivery Point from NTMWD by Month (in Million Gallons):

Month	NTMWD Delivery Point							Total System
	1A	2	3					
January	9.39	44.38	41.90					95.67
February	7.63	44.15	38.58					90.36
March	6.98	48.97	43.69					99.65
April	7.67	60.44	57.66					125.77
May	15.13	65.07	67.01					147.21
June	36.91	59.79	78.52					175.21
July	76.47	72.00	117.54					266.00
August	68.71	63.51	104.33					236.55
September	54.66	50.97	83.39					189.01
October	43.50	63.48	84.36					191.34
November	16.60	48.37	54.47					119.44
December	19.31	48.40	53.20					120.92
TOTAL	362.97	669.52	824.65	-	-	-	-	1,857.14

Wholesale Water Sales to Other Water Systems (in Million Gallons):

	Sale 1	Sale 2	Sale 3	Sale 4	Sale 5	Sale 6	Sale 7	Sale 8	Total Wholesale Sales
<i>Buyer Name</i>									
<i>Type of Water</i>									
<i>Name of Source</i>									
<i>Estimated Water Service Area Population</i>									-
January	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-
November	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-

Water Sales to Industrial Production Facilities (in Million Gallons):

	Sale 1	Sale 2	Sale 3	Sale 4	Sale 5	Sale 6	Sale 7	Sale 8	Total Industrial Production Facilities Sales
<i>Buyer Name</i>									
<i>Type of Water</i>									
<i>Name of Source</i>									
January									-
February									-
March									-
April									-
May									-
June									-
July									-
August									-
September									-
October									-
November									-
December									-
TOTAL	-	-	-	-	-	-	-	-	-

Additional Information

Describe Any ICIM (Industrial, Commercial, Institutional & Multi-Family) Practices being Implemented to Improve Water Efficiency

0

Describe any Unusual Circumstances

0

Provide an Update on Progress in Implementation of Conservation Plan

The City of Wylie is currently keeping track of all unmetered water throughout the City by monitoring the following: Firefighting, Dead End Main Flushing, Unidirectional Flushing, Stormdrain Maintenance, Street Cleaning, Water Main Breaks and Sewer Line Jetting. The City of Wylie Conservation Plan was approved by Council on April 28, 2009. The Water Conservation Plan is posted on the City website for public viewing.

What Conservation Measures are Planned for Next Year?

Public education by posting information on City website, insert in utility bill, and local news letter. Staff will continue educating the public on water conservation as needed when wasteful practices are observed, Enforcement if necessary.

Do City Limits Differ Significantly from Water Service Area? If so, explain.

0

Is there any Assistance Requested from the North Texas Municipal Water District?

Please continue to fund the Water IQ program.

Other?

0

Historical Water Use Data for City of Wylie

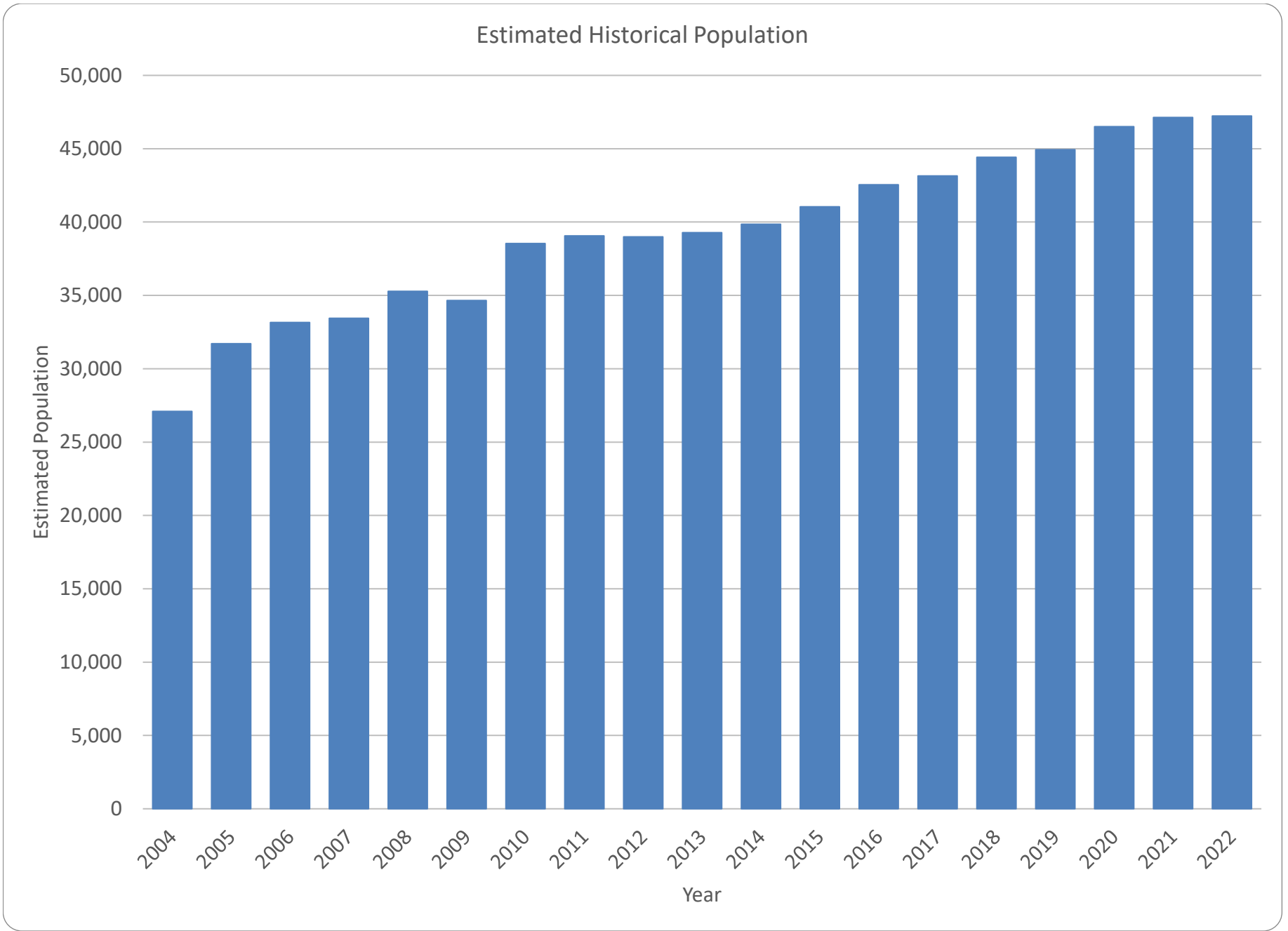
Year	Days in Year	Connections	Estimated Population	Deliveries from NTMWD	Other Supplies	Metered Sales by Category (Million Gallons)									
						Residential	Residential	Public/	Commercial	Industrial	Agriculture	Bulk Water	Wholesale	Direct	Total
2004	366	9,031	27,093	1,275	0	762.93	0.00	42.63	213.30	59.32	0.00	0.00	0.00	0.00	1,078.19
2005	365	10,570	31,710	1,601	0	971.93	0.00	73.13	290.68	87.03	0.00	0.00	0.00	0.00	1,422.77
2006	365	11,052	33,156	1,636	0	1,019.08	0.00	57.23	232.72	118.47	0.00	0.00	0.00	0.00	1,427.50
2007	365	11,147	33,441	1,356	0	821.38	0.00	54.79	175.46	83.44	0.00	0.00	0.00	0.00	1,135.07
2008	366	11,760	35,280	1,574	0	1,070.61	0.00	78.25	229.48	68.16	0.00	0.00	0.00	0.00	1,446.50
2009	365	11,551	34,653	1,476	0	964.67	0.00	51.80	204.24	50.61	0.00	0.00	0.00	0.00	1,271.31
2010	365	12,846	38,538	1,604	0	1,119.63	0.00	57.00	262.11	75.24	0.00	0.00	0.00	0.00	1,513.98
2011	365	13,020	39,060	1,818	0	1,275.83	0.00	75.26	296.95	73.75	0.00	0.00	0.00	0.00	1,721.78
2012	366	12,998	38,994	1,644	0	1,113.70	0.00	75.78	238.22	73.02	0.00	0.00	0.00	0.00	1,500.72
2013	365	13,093	39,279	1,551	0	1,080.60	0.00	54.51	244.98	61.13	0.00	0.00	0.00	0.00	1,441.22
2014	365	13,284	39,852	1,391	0	862.19	0.00	37.36	208.79	56.15	0.00	0.00	0.00	0.00	1,164.49
2015	365	13,681	41,043	1,709	0	1,038.29	0.00	36.44	251.61	54.05	0.00	0.00	0.00	0.00	1,380.38
2016	366	14,182	42,546	1,767	0	982.28	0.00	49.91	277.07	52.57	0.00	0.00	0.00	0.00	1,361.83
2017	365	14,382	43,146	1,668	0	989.53	0.00	38.13	246.16	59.50	0.00	0.00	0.00	0.00	1,333.32
2018	365	14,806	44,418	1,735	0	1,042.16	0.00	43.78	273.67	48.63	0.00	0.00	0.00	0.00	1,408.23
2019	365	14,978	44,934	1,704	0	994.85	0.00	36.69	270.76	30.07	0.00	0.00	0.00	0.00	1,332.36
2020	366	15,502	46,506	1,850	0	1,104.13	0.00	35.46	290.01	24.53	0.00	0.00	0.00	0.00	1,454.13
2021	365	15,711	47,133	1,624	0	1,031.00	72.87	36.11	273.76	34.74	0.00	0.00	0.00	0.00	1,448.48
2022	365	15,774	47,232	1,857	0	1,173.70	137.16	36.37	309.57	36.01	0.00	11.67	0.00	0.00	1,704.49

Note: After 2020, Residential sales were divided into single and multi-family classifications. Historical information from the TWDB Water Use Surveys were incorporated where available. The category of 'Other' was removed and replaced with 'Reuse'. Historical volumes for 'Other' were redistributed into the appropriate category when appropriate. These changes were made to be consistent with TWDB terminology.

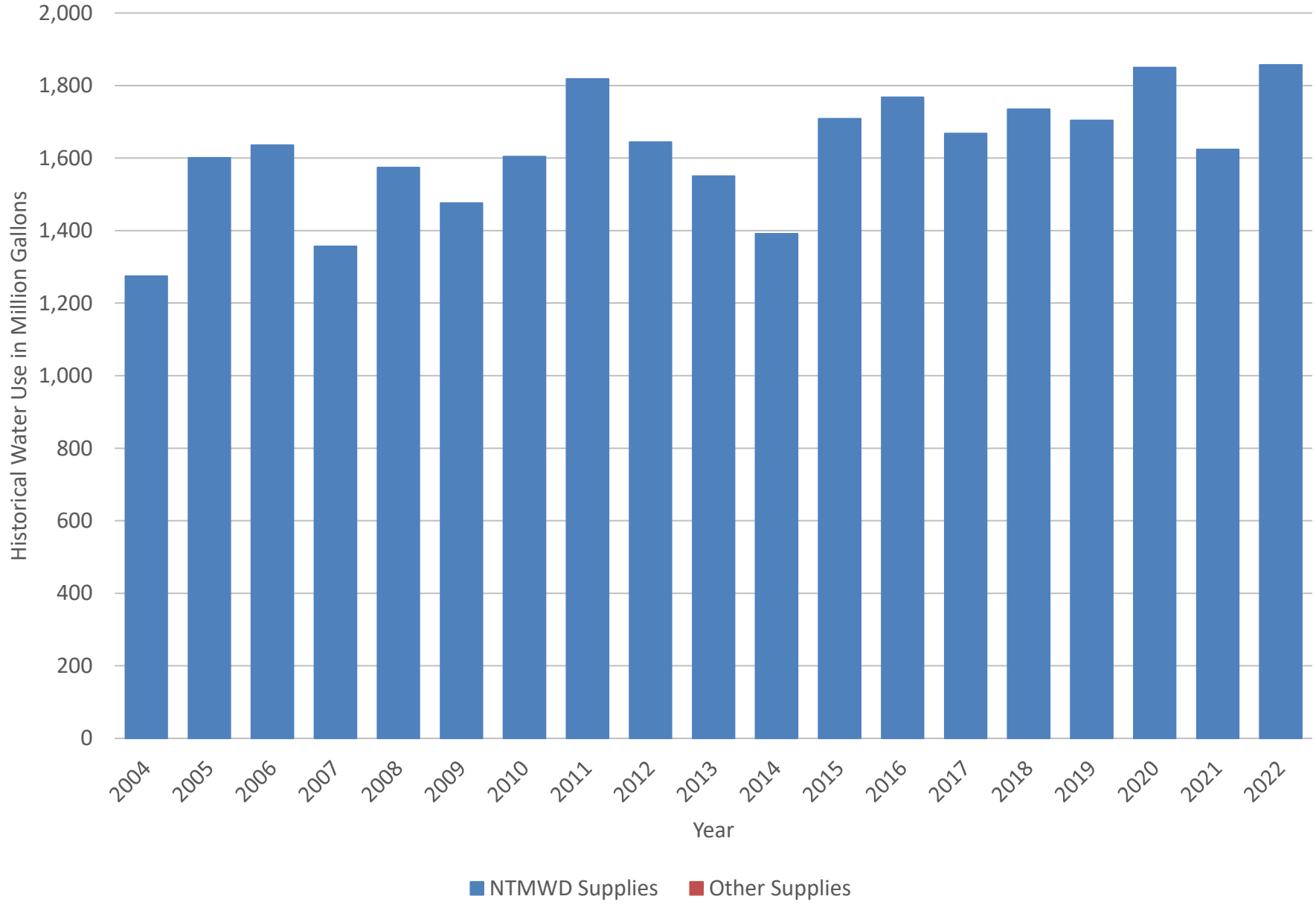
Historical Per Capita Use Data and Water Loss for City of Wylie

Year	Estimated Population	Total Use			Residential Use			Municipal Per Capita Use (gpcd)	ICIM Per Capita Use (gpcd)	Authorized Consumption				Water Loss							
		Total Per Capita Use (gpcd)	Total 5-Year Per Capita Goal	Total 10-Year Per Capita Goal	Residential Per Capita Use (gpcd)	Residential 5-Year Per Capita Goal	Residential 10-Year Per Capita Goal			Billed Metered (MG)	Billed Unmetered (MG)	Unbilled Metered (MG)	Unbilled Unmetered (MG)	Water Loss (MG)	Water Loss (gpcd)	Water Loss 5-Year Per Capita Goal	Water Loss 10-Year Per Capita Goal	Water Loss (percentage)	Water Loss (percentage) 5-Year Goal	Water Loss (percentage) 10-Year Goal	
2004	27,093	129			77			123	31.8	1,078	0	0	1	196	20				15%		
2005	31,710	138			84			131	39.0	1,423	0	14	28	136	12				8%		
2006	33,156	135			84			125	33.7	1,427	0	0	66	142	12				9%		
2007	33,441	111			67			104	25.7	1,135	0	0	36	185	15				14%		
2008	35,280	122			83			117	29.1	1,447	0	0	57	70	5				4%		
2009	34,653	117			76			113	24.2	1,271	0	0	76	128	10				9%		
2010	38,538	114			80			109	28.0	1,514	0	0	24	66	5				4%		
2011	39,060	128			89			122	31.3	1,722	0	0	26	70	5				4%		
2012	38,994	115	112	112	78	89	89	110	27.1	1,500.72	0.00	0.55	24.99	118.02	8	10	10	7%	12%	12%	
2013	39,279	108	112	112	75	89	89	104	25.2	1,441.22	0.00	0.59	17.95	90.84	6	10	10	6%	12%	12%	
2014	39,852	96	112	112	59	89	89	92	20.8	1,164.49	0.00	0.36	37.67	188.97	13	10	10	14%	12%	12%	
2015	41,043	114	112	112	69	89	89	110	22.8	1,380.38	0.00	0.19	56.07	272.19	18	10	10	16%	12%	12%	
2016	42,546	113	112	112	63	89	89	110	24.4	1,361.83	0.00	0.04	206.82	198.64	13	10	10	11%	12%	12%	
2017	43,146	106	106	105	63	63	62	102	21.8	1,333.32	0.00	0.00	190.81	143.91	9	9	9	9%	8%	8%	
2018	44,418	107	106	105	64	63	62	104	22.6	1,408.23	0.00	0.00	181.50	144.84	9	9	9	8%	8%	8%	
2019	44,934	104	106	105	61	63	62	102	20.6	1,332.36	0.00	0.00	264.07	107.54	7	9	9	6%	8%	8%	
2020	46,506	109	106	105	65	63	62	107	20.6	1,454.13	0.00	0.00	353.44	42.12	2	9	9	2%	8%	8%	
2021	47,133	94	106	105	64	63	62	92	24.3	1,448.48	0.00	0.00	156.98	18.52	1	9	9	1%	8%	8%	
2022	47,232	108	106	105	76	63	62	106	30.1	1,704.49	0.00	0.00	126.00	26.65	2	9	9	1%	8%	8%	

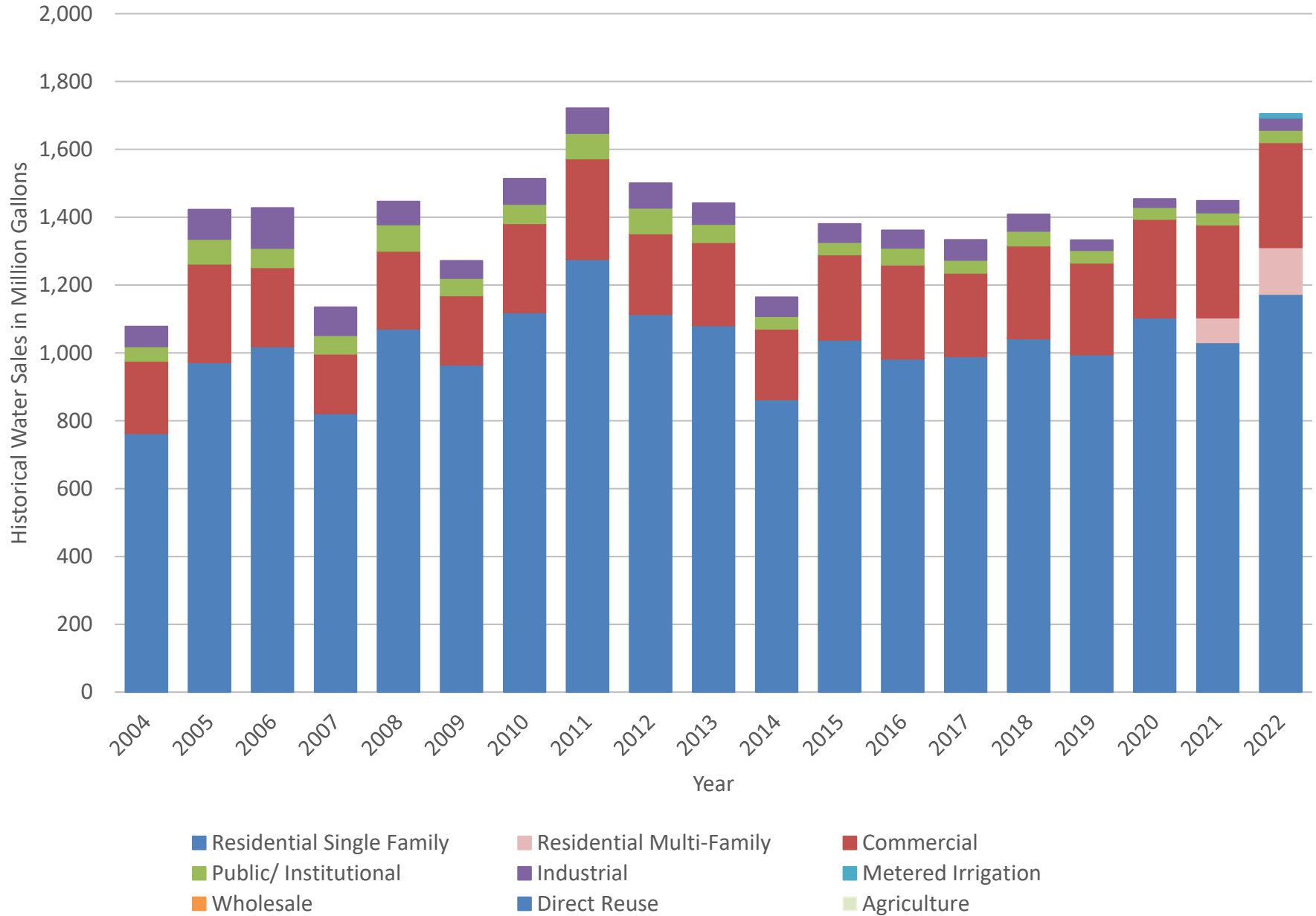
Note:
 In-city municipal use = total water supplied less sales to industry, wholesale sales and other sales.
 After 2017 - Unaccounted Water has been removed and replaced with Water Losses (per TWDB definition). This category is inclusive of real and apparent losses. Categories for authorized consumption were also added; Unbilled metered replaced estimated fire use, unbilled unmetered replaced estimated line flushing, and a new category for billed unmetered sales was added.



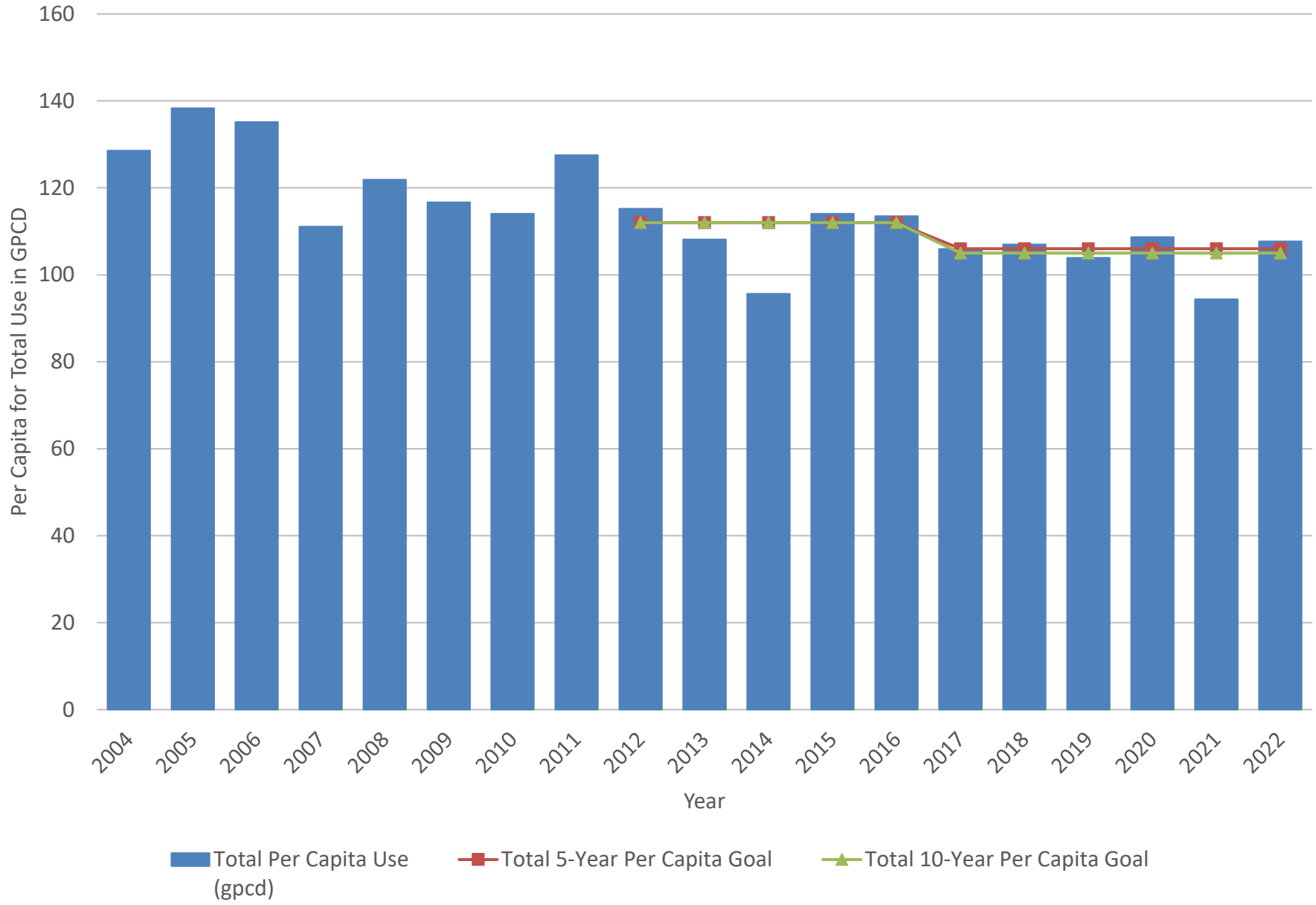
Historical Water Use



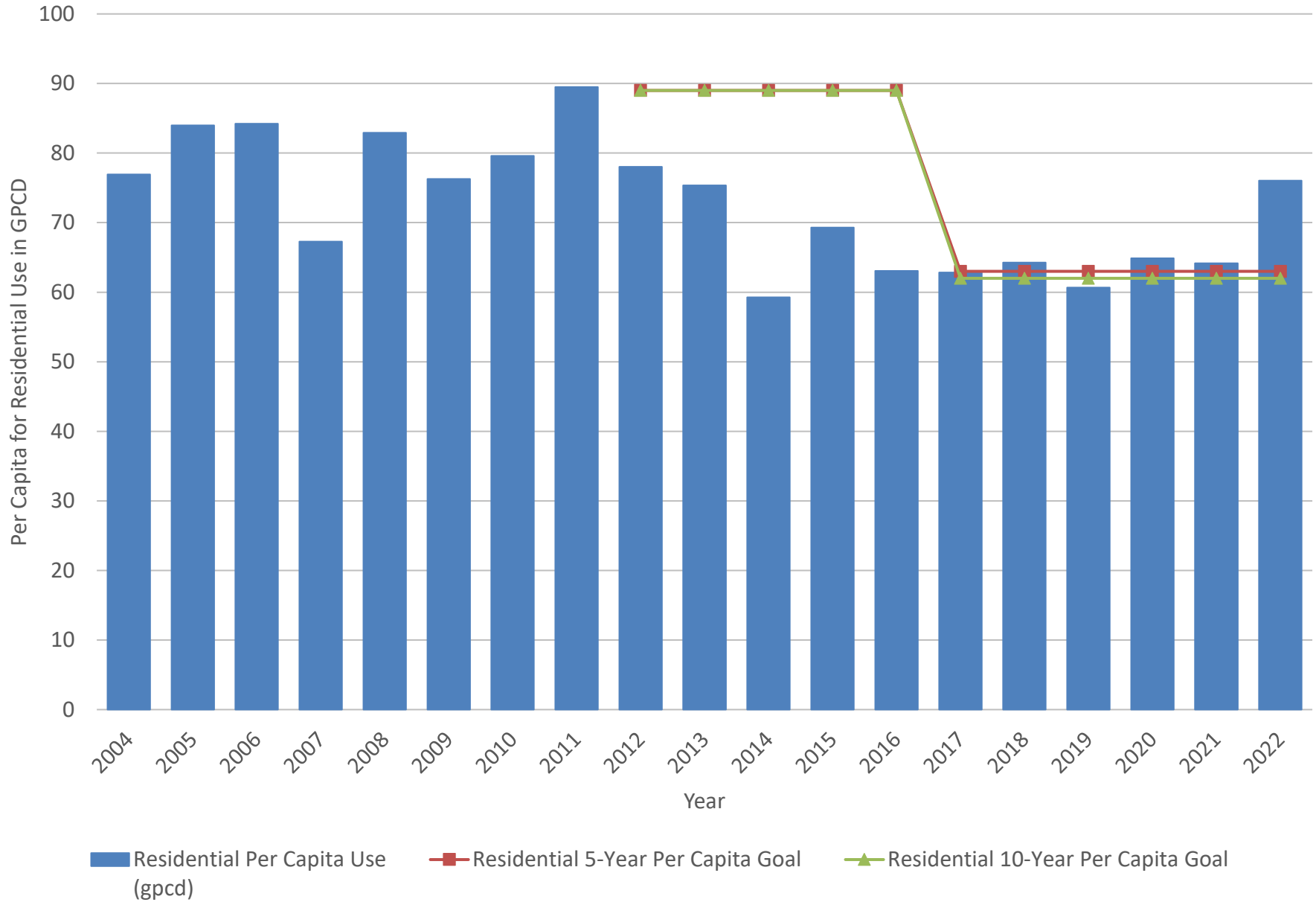
Historical Water Sales by Classification



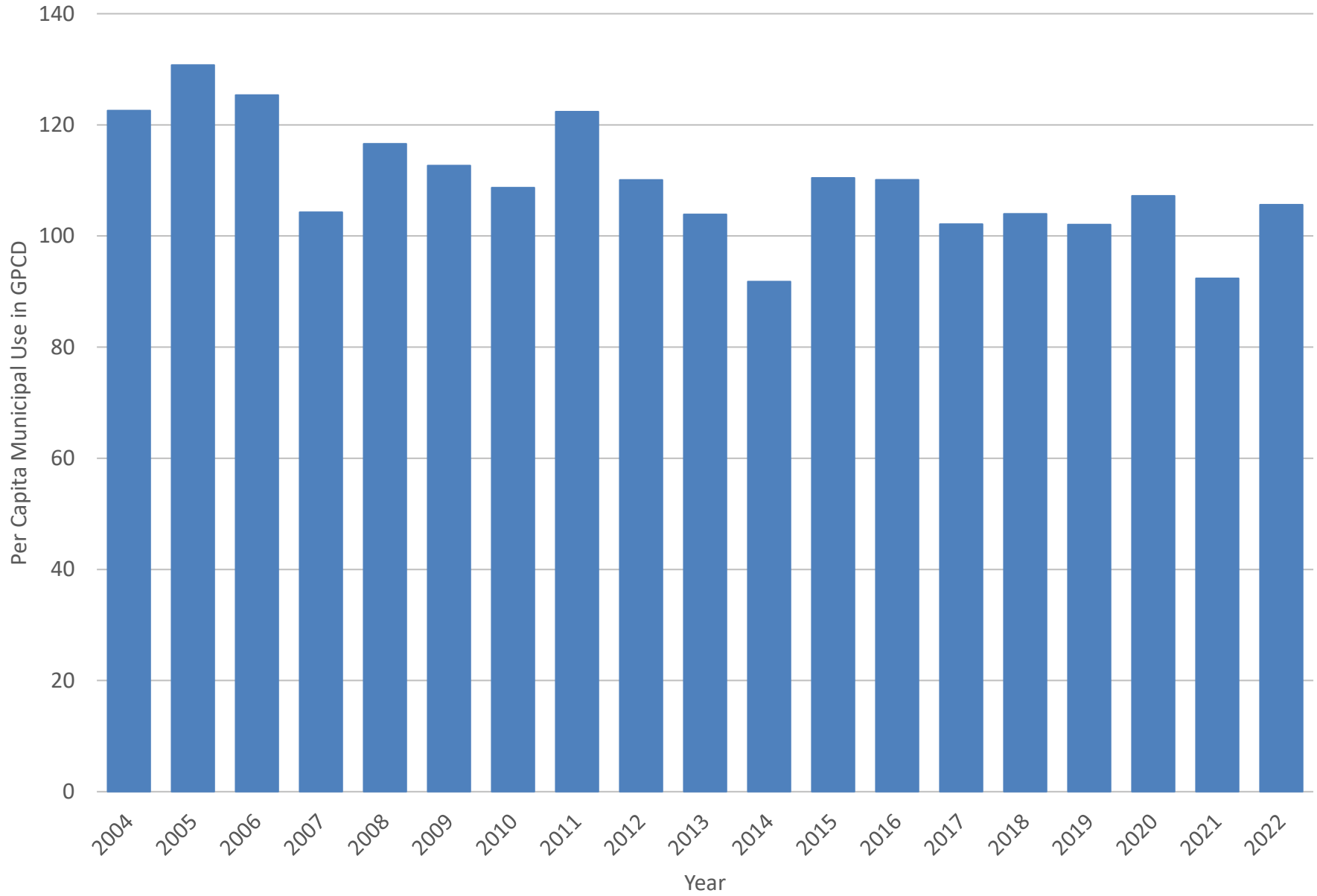
Historical Total Per Capita Use



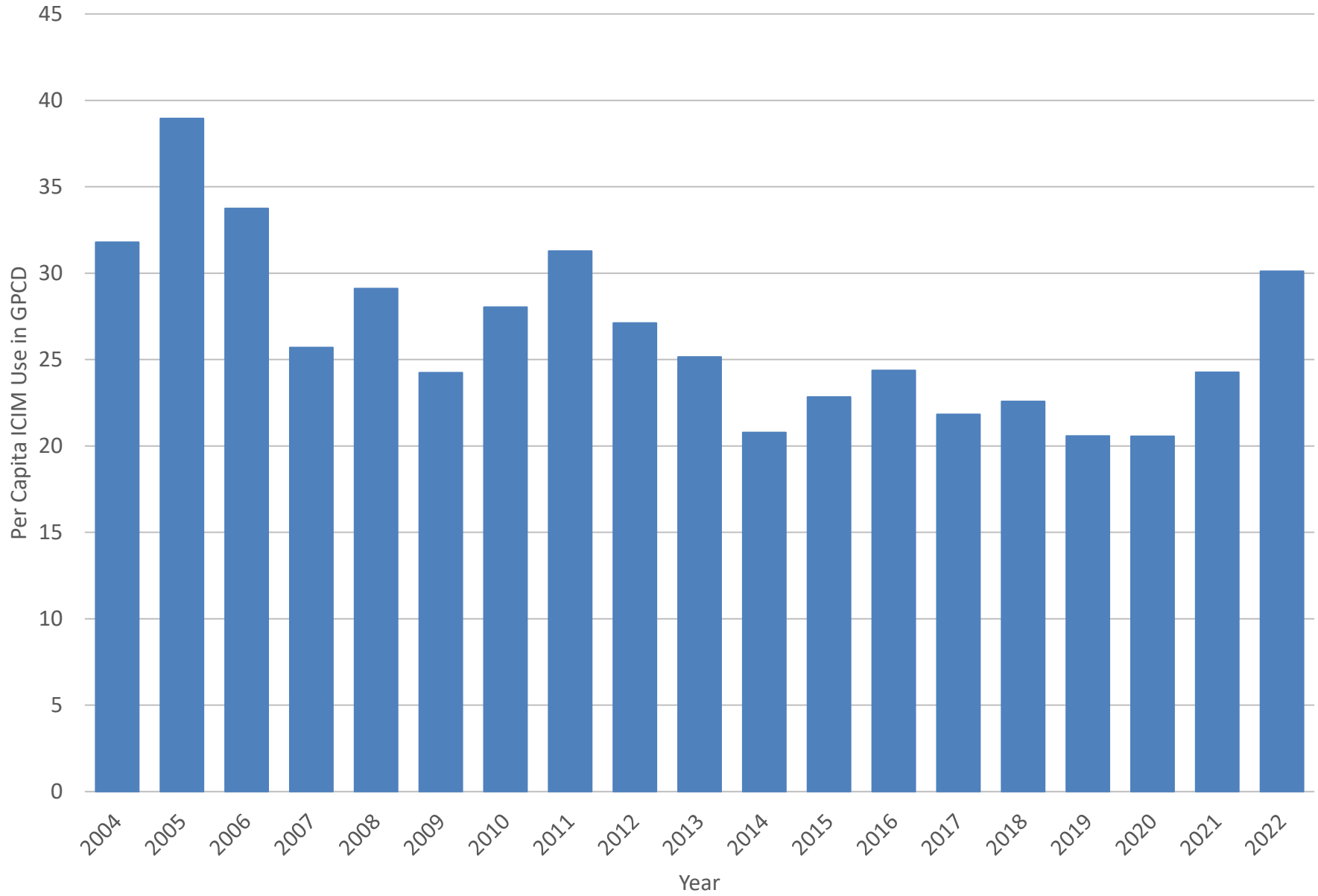
Historical Residential Per Capita Use



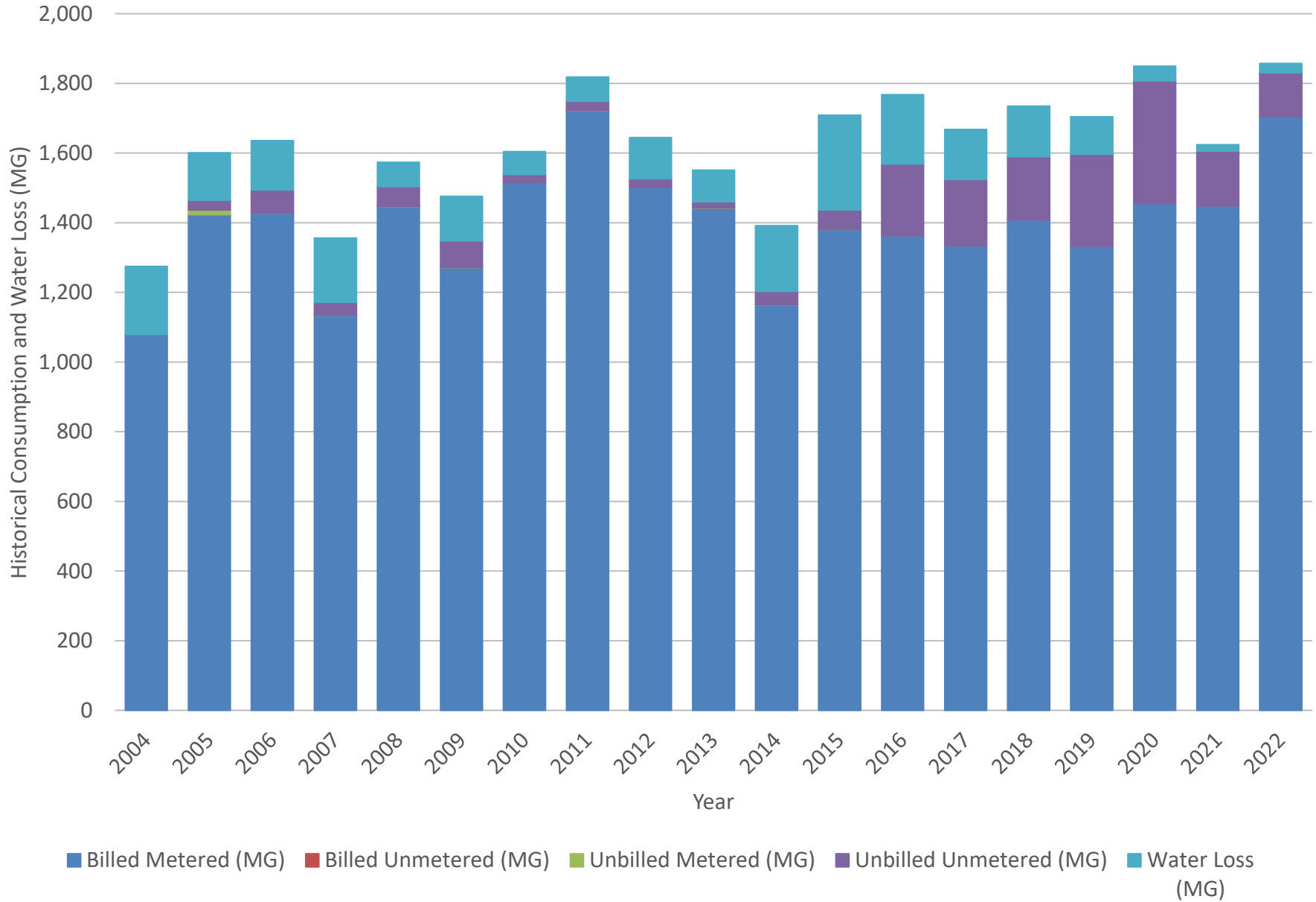
Historical Municipal Per Capita Use



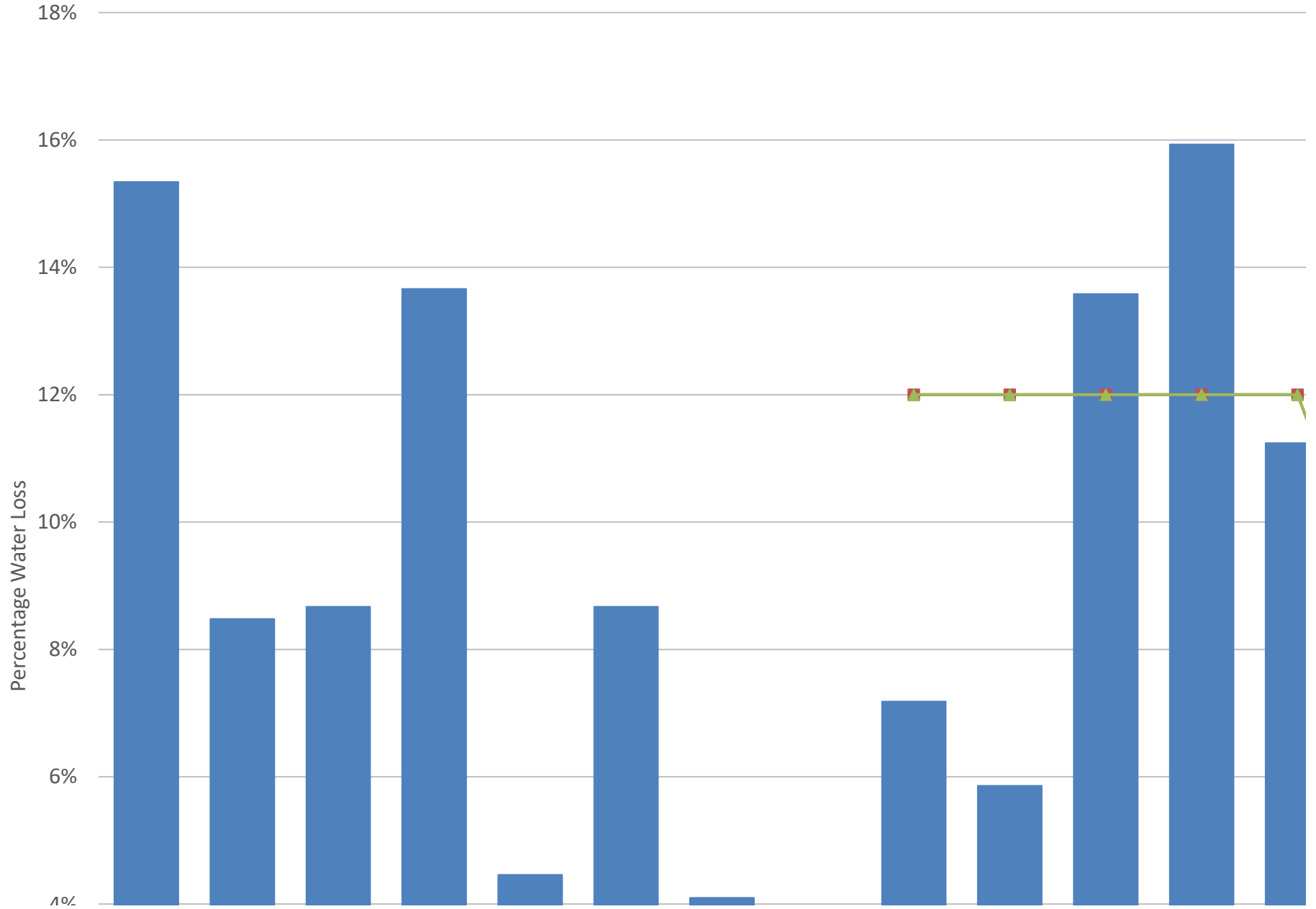
Historical ICIM Per Capita Use



Historical Authorized Consumption and Water Loss



Historical Water Loss (Percentage)



Appendix E

Letters to Regional Water Planning Group and NTMWD

[Enter Date]

Region C Water Planning Group
c/o Trinity River Authority
P.O. Box 60
Arlington, TX 76004

Dear Chair:

Enclosed please find a copy of the Water Conservation and Water Resource and Emergency Management Plan for the City of Wylie. I am submitting a copy of this plan to the Region C Water Planning Group in accordance with the Texas Water Development Board and Texas Commission on Environmental Quality rules. The plans were adopted on 4/23/2024.

Sincerely,

Albert Garza
City of Wylie

[Enter Date]

North Texas Municipal Water District
501 East Brown St.
P.O. Box 2408
Wylie, TX 75098

Dear Ms. Fonnville:

Enclosed please find a copy of the Water Conservation and Water Resource and Emergency Management Plan for the City of Wylie. I am submitting a copy of this plan to the North Texas Municipal Water District in accordance with the Texas Water Development Board and Texas Commission on Environmental Quality rules. The plans were adopted on 4/23/2024.

Sincerely,

Albert Garza
City of Wylie

Appendix F

Adoption of Plans

Appendix G

Landscape Ordinance

Section 7.7 - Landscape Requirements.

- A. *Purpose.* The process of urban development with its alteration of the natural topography, vegetation, and creation of impervious cover can have a negative effect on the ecological balance of an area by causing increases in air temperatures and accelerating the processes of runoff, erosion, and sedimentation. The economic base of the City can and should be protected through the preservation and enhancement of its unique natural beauty, environment, and vegetative space. This section has the following specific purposes:
1. To implement the Wylie Comprehensive Plan.
 2. To aid in stabilizing the environment's ecological balance by contributing to the processes of air purification, oxygen regeneration, groundwater recharge, and (storm water) runoff retardation, while at the same time aiding in noise, glare and heat abatement.
 3. To insure that landscaping is an integral part of development, not an afterthought.
 4. To provide visual buffering between land uses of differing character to alleviate the harshness of urban life.
 5. To enhance the beautification of the City.
 6. To safeguard and enhance property values and to protect public and private investments.
 7. To preserve and protect the unique identity and environment of the City of Wylie and preserve the economic base attracted to the City of Wylie because of these qualities.
 8. To conserve energy.
 9. To protect the public health, safety and general welfare.
- B. *Applicability.*
1. Except as otherwise provided below, these landscape regulations shall apply to all land located in the City of Wylie. These landscaping requirements shall become applicable to each individual lot when a site plan is submitted for Commission review or an application for a building permit on the lot is made. The maintenance requirements in subsection G of this section shall apply to all applications for building permits.
 2. This section does not apply to lots containing only single-family and/or duplex uses where only one single-family or two-family structure is constructed.
 3. This section applies to the following:
 - a. Multifamily Districts.
 - b. Neighborhood Services Districts.
 - c. Community Retail Districts.
 - d. Commercial Corridor Districts.
 - e. Business Center Districts.

- f. Industrial Districts.
 - g. Planned Development Districts.
 - h. Specific Use Permits.
 - i. Applications for building permits or for certificates of occupancy for a change in use.
 - j. Applications for building permits for construction work that:
 - (1) Increases the number of stories in a building on the lot; or
 - (2) Increases by more than ten percent or 10,000 square feet, whichever is less, the combined floor areas of all buildings on the lot; or
 - (3) Increases the non-permeable lot coverage by more than 2,000 square feet.
 - k. Building permit applications for exterior remodeling with a value equal to or greater than \$10,000.00 exclusive of maintenance and repair.
 - 4. When the ordinance becomes applicable to a lot, its requirements are binding on all current and subsequent owners of the lot.
 - 5. When establishing or amending a planned development district, or amending a special use permit, the Council shall, as a minimum, impose landscaping requirements as a part of any ordinance, that are reasonably consistent with the standards and purposes of this section. All landscaping requirements imposed by the Council must be reflected in landscape and irrigation plans that comply in form and content with the requirements of Subsection C. Submission Requirements.
 - 6. The Board may grant a special exception to the landscaping requirements of this section upon making a special finding from the evidence presented that strict compliance with the requirements of this Article will result in substantial financial hardship or inequity to the applicant without sufficient corresponding benefit to the City and its citizens in accomplishing the objectives and purposes of this section. The applicant, to be considered for special exception, must submit a justification statement that describes:
 - a. Which of the requirements set forth in this section will be met with modifications,
 - b. Which project conditions justify using alternatives, and
 - c. How the proposed measures equal or exceed normal compliance.
- C. *Submission Requirements.*
- 1. The landscape and irrigation plans submitted under this section shall:
 - a. Include 6 folded blue or black line copies for review.
 - b. Have a scale of one inch equals 100 feet or larger (e.g., one inch equals 50 feet, or one inch equals 40 feet, etc.) and be on a standard drawing sheet of a size not to exceed 24 inches by 36 inches. In the event a single sheet is not practicable, multiple sheets may be used if, on each sheet:

- (1) Match lines are indicated; and
 - (2) A composite drawing is provided that shows the entire proposed development, location of the match lines, sheet numbers, and the location of the sheet within the proposed development by the shading in of the appropriate area on the composite.
2. Landscape and irrigation plans required under this section must contain the following information:
- a. Date, scale, north arrow, and the names, addresses, and telephone numbers of both the property owner and the person preparing the plan.
 - b. Project name, street address, and lot and block description.
 - c. Location of all buildings, parking areas, walks, and other improvements.
 - d. Location, height, and material of proposed screening and fencing (with berm to be delineated by one-foot contours).
 - e. The location, type and size of all existing trees on the lot must be specifically indicated.
 - f. Complete description of proposed plant materials shown on the plan, including names (common and botanical name), locations, quantities, container or caliper sizes, heights, spread, and spacing.
 - g. Complete description of landscaping and screening to be provided in or near off-street parking and loading areas, including information as to the amount (in square feet) of landscape area compared to gross site square feet.
 - h. Size, height, location, and material of proposed seating, lighting, planters, sculptures, decorative paving, and water features.
 - i. Cross section drawing of berms and grading plan showing berm contours.
 - j. Location of sprinkler heads, valves, double-check valve, water meter, automatic controller and rain and freeze sensors.
 - k. Landscape plans shall contain the certification and a stamp of a landscape architect licensed in the State of Texas that the plans have been reviewed by an architect and satisfy all requirements of these landscape regulations.
 - l. Irrigation plans shall contain the certification and stamp of an irrigator licensed by the State of Texas Board of Irrigators that the plans were prepared by an irrigator and satisfy all requirements of these landscape regulations.

D. *General Requirements.*

1. Once landscaping is installed according to an approved plan, a landscape architect licensed in the State of Texas shall review the installation and certify that it is in accordance with the approved plan.
- 2.

Due to seasonal planting problems and a lack of plant availability, approved landscape plans may require minor revisions. Revised landscaping plans shall be accepted if:

- a. there is no reduction in the quality of plant material,
 - b. no significant change in size or location of plant materials,
 - c. the new plants are of the same general category (i.e., shade, ornamental, or evergreen trees)
 - d. have the same general design characteristics (mature height, crown spread) as the materials being replaced.
3. All plant material (including street trees and planting within the public right-of-way) shall be watered with an automatic irrigation system subject to the following requirements.
- a. Irrigation sprinkler layouts shall be designed to minimize the amount of spray that will fall on sidewalks, neighboring properties, and adjacent buildings.
 - b. Backflow prevention devices shall be placed in compliance with City of Wylie standards.
 - c. The City encourages the use of water-conserving system design and materials including the use of drip irrigation where appropriate.
 - d. Separate valves for turf and non-turf areas shall be installed to accommodate different water use requirements within the landscaped area.
 - e. Rain sensors are encouraged to be installed and operational to reduce water use.
4. Landscaping in visibility triangles. No landscaping shall obstruct the view between access drives and dedicated streets, parking aisles, or access drives of parking lots. Landscaping within visibility triangles, as defined in subsection 7.8, shall comply with the following requirements:
- a. No plants with a height greater than 2.5 feet are allowed in the visibility triangle, except single trunk trees with a minimum branching clearance of seven feet from the ground to the first branch.
 - b. Trees are to be of a size and so spaced that a visual obstruction that represents a traffic hazard is not created.
 - c. Plants shall not reduce or limit visibility to such an extent that a safety hazard is presented. Plants normally considered as effective screens shall be unacceptable for use in the visibility triangle.
- E. *Landscape Design Requirements.* Specific landscape requirements are provided in Article 3, Residential District Regulations and Article 4, Nonresidential District Regulations. Approved landscape plans shall comply with all base standards and shall meet the desirable design attributes required to gain approval of a site plan or building permit as specified in Article 3 and 4.

F. *Landscape Standards and Specifications.*

1. Plant Materials. All plant materials should be native or adapted to the north Texas region. The Director shall maintain and make available for distribution, a list of acceptable locally-adapted trees and shrubs to meet minimum planting requirements of these regulations.
2. Plant materials shall conform to the requirements described in the latest edition of American Standard For Nursery Stock, published by the American Association of Nurserymen.
3. Plants shall conform to the measurements and specifications listed below, with caliper measurements taken 12 inches above grade. Minimum branching height for all shade trees shall be six feet.
 - a. Minimum size for shade trees shall be three inches in caliper and 14 to 16 feet in height. Tree heights shall be from tops of root balls to nominal tops of plants.
 - b. Trees shall be healthy, vigorous, full-branched, well-shaped and symmetrical.
 - c. Root balls shall be firm, neat, slightly tapered and well-burlapped.
 - d. Trees shall be free of physical damage such as scrapes, bark abrasions, split branches, mistletoe or other parasitic growth.
 - e. Minimum size for ornamental shade trees shall be three inches in diameter.
 - f. Minimum size for ornamental flowering trees shall be eight to ten feet in height.
 - g. Minimum size for evergreen trees shall be eight to ten feet in height.
 - h. Minimum size for shrub containers shall be five gallon. Substitution of three gallon material meeting the height requirement of five gallon shrubs is acceptable. Shrubs shall be full bodied, well-shaped and symmetrical.
 - i. Ground cover spacing shall be eight inches on center maximum for four-inch pots and 16 inches on center maximum for one-gallon containers.
4. The City shall reject any trees delivered and/or planted not meeting the minimum size and shape standards set forth above.
5. All shrub beds shall be edged using steel, concrete, masonry, or pre-cast concrete edging and all plant materials mulched with a two-inch layer of bark or shredded Cypress mulch.

G. *Landscape Maintenance.*

1. All landscaped areas must be kept in a healthy and growing condition. All seasonal plantings must be replaced at the appropriate time as indicated in the landscape plan. Any plant materials that die during a time of year where it is not feasible to replant, shall be replaced as soon as possible.
2. Landscape maintenance includes, but is not limited to, the following:
 - a. Prompt removal of all litter, trash, refuse and waste;

- b. Lawn mowing on a periodic basis during the growing season;
 - c. Shrub pruning according to accepted practices of landscape professionals to maintain plants in a healthy condition;
 - d. Tree pruning according to latest edition of the Tree-Pruning Guidelines published by the International Society of Arboriculture;
 - e. Watering of landscaped areas on a regular basis to maintain good plant health;
 - f. Keeping landscape lighting in working order;
 - g. Keeping lawn and garden areas alive, free of weeds, and attractive; cleaning of abutting waterways and landscaped areas lying between public right-of-way lines and the property unless the streets, waterways or landscaped areas are expressly designated to be maintained by applicable governmental authority.
3. All required landscaped areas shall be irrigated using one of the following methods:
- a. Conventional automatic sprinkler system, installed underground, and using spray and/or bubble type heads;
 - b. Drip or leaky-pipe system using an automatic or manual underground system in conjunction with a water saving system such as drip heads, or leaky-pipes.
 - c. Landscaped areas using xeriscape plants and installation techniques, including native grasses and wildflowers may use a temporary above ground irrigation system.

H. *Enforcement.*

- 1. Any property owner or tenant that fails to meet any of the above maintenance requirements shall:
 - a. Be given a written notice of the failure by the City;
 - b. Within ten days after receiving the notice the property owner or tenants must correct any maintenance shortcomings.
 - c. Should any property owner fail to fulfill this duty and responsibility within the required period, the City may:
 - (1) Revoke any building permits, certificates of occupancy, or other approvals or permits previously issued for the premises; or,
 - (2) Withhold approval for building permits, certificates of occupancy, and other permits or approvals relating to the premises; or
 - (3) Have the right and power to enter onto the premises and perform care and maintenance. The property owner and tenants of any part of the premises on which the work is performed shall jointly and severally be liable for the costs of the work and shall promptly reimburse the City for the costs. If the property owner or tenant shall fail to reimburse the City within 30 days after receipt of a statement for the work from

the City, the said indebtedness shall be a debt of all of said persons jointly and severally, and shall constitute a lien against the premises on which the work was performed. The lien may be evidenced by an affidavit of costs filed in the real property records.

2. Any person violating any of the provisions of this section shall be deemed guilty of a misdemeanor and upon conviction thereof shall be fined in a sum not to exceed \$2,000.00 and a separate offense shall be deemed committed upon each day during or on which a violation occurs or continues.



Wylie City Council

AGENDA REPORT

Department: Finance **Account Code:** See Exhibit A
Prepared By: Melissa Brown

Subject

Consider, and act upon, Ordinance No. 2024-13 amending Ordinance No. 2023-39, which established the budget for fiscal year 2023-2024; providing for repealing, savings and severability clauses; and providing for an effective date of this ordinance.

Recommendation

Motion to approve the Item as presented.

Discussion

The mid-year budget amendments are generally intended to cover unanticipated and/or unavoidable revenue and expenditure adjustments to the adopted budget. The detail is attached in Exhibit A for the requested items which are located within the General Fund, Utility Fund, 4B Sales Tax Fund, WEDC, Parks A & I Fund, Hotel Occupancy Tax Fund, Fire Training Fund, Fire Development Fund, Fire Station Construction Fund, and Municipal Court Tech Fund. The requests are further defined as neutral (matching revenues to expenditures), revenue increases or expenditure increases.

General Fund salary and benefits savings from the first half of the fiscal year are included in the amendment in the amount of \$2,063,983 and Utility Fund salary and benefits savings in the amount of \$75,772.

Also included in the budget amendment is the proposed pay plan adjustments for the General Fund, Utility Fund, and 4B Sales Tax Fund previously discussed with the City Council. The amounts presented in the amendment are for the remaining pay periods for fiscal year 2024. The account detail is included in **Exhibit A**.

ORDINANCE NO. 2024-13

AN ORDINANCE OF THE CITY OF WYLIE, TEXAS, AMENDING ORDINANCE NO. 2023-39, WHICH ESTABLISHED THE BUDGET FOR FISCAL YEAR 2023-2024; REPEALING ALL CONFLICTING ORDINANCES; PROVIDING FOR A SEVERABILITY CLAUSE; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City Council heretofore adopted Ordinance No. 2023-39 setting forth the Budget for Fiscal Year 2023-2024 beginning October 1, 2023, and ending September 30, 2024; and,

WHEREAS, the City Departments and Divisions routinely review their budget appropriations to determine if any changes are necessary; and

WHEREAS, based upon said review the City staff now recommends that certain amendments to the Budget be considered by the City Council; see Exhibit A; and,

WHEREAS, the City Council has the authority to make amendments to the City Budget under Article VII, Section 4 of the City Charter, as well as State law; and,

WHEREAS, the City Council has determined that the proposed amendments to the FY 2023-2024 Budget; see Exhibit A, with the revenues and expenditures therein contained, is in the best interest of the City; and therefore, desires to adopt the same by formal action.

NOW, THEREFORE, BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF WYLIE, TEXAS:

SECTION I: The proposed amendments to the FY 2023-2024 Budget of the City of Wylie; Exhibit A, as heretofore adopted by Ordinance No. 2024-13, are completely adopted and approved as amendments to the said FY 2023-2024 Budget.

SECTION II: All portions of the existing FY 2023-2024 Budget and Ordinance No. 2023-39, except as specifically herein amended, shall remain in full force and effect, and not be otherwise affected by the adoption of the amendatory ordinance.

SECTION III: Should any paragraph, sentence, sub-division, clause, phrase or section of this ordinance be adjudged or held to be unconstitutional, illegal or invalid, the same shall not affect the validity of this ordinance as a whole or any part or provision thereof, other than the part or parts as declared to be invalid, illegal, or unconstitutional.

SECTION IV: This ordinance shall be in full force and effect from and after its adoption by the City Council and publication of its caption as the law and the City Charter provide in such cases.

SECTION V: That all other ordinances and code provisions in conflict herewith are hereby repealed to the extent of any such conflict or inconsistency and all other provisions of the Wylie City Code not in conflict herewith shall remain in full force and effect.

SECTION VI: The repeal of any ordinance, or parts thereof, by the enactment of the Ordinance, shall not be construed as abandoning any action now pending under or by virtue of such ordinance; nor shall it have the effect of discontinuing, abating, modifying or altering any penalty accruing or to accrue,

nor as affecting any rights of the municipality under any section or provision of any ordinances at the time of passage of this ordinance.

DULY PASSED AND APPROVED by the City Council of the City of Wylie, Texas, this 23rd day of April, 2024.

Matthew Porter, Mayor

ATTEST:

Stephanie Storm, City Secretary

FY 2024 Mid Year Adjustments

Salary & Benefits Savings

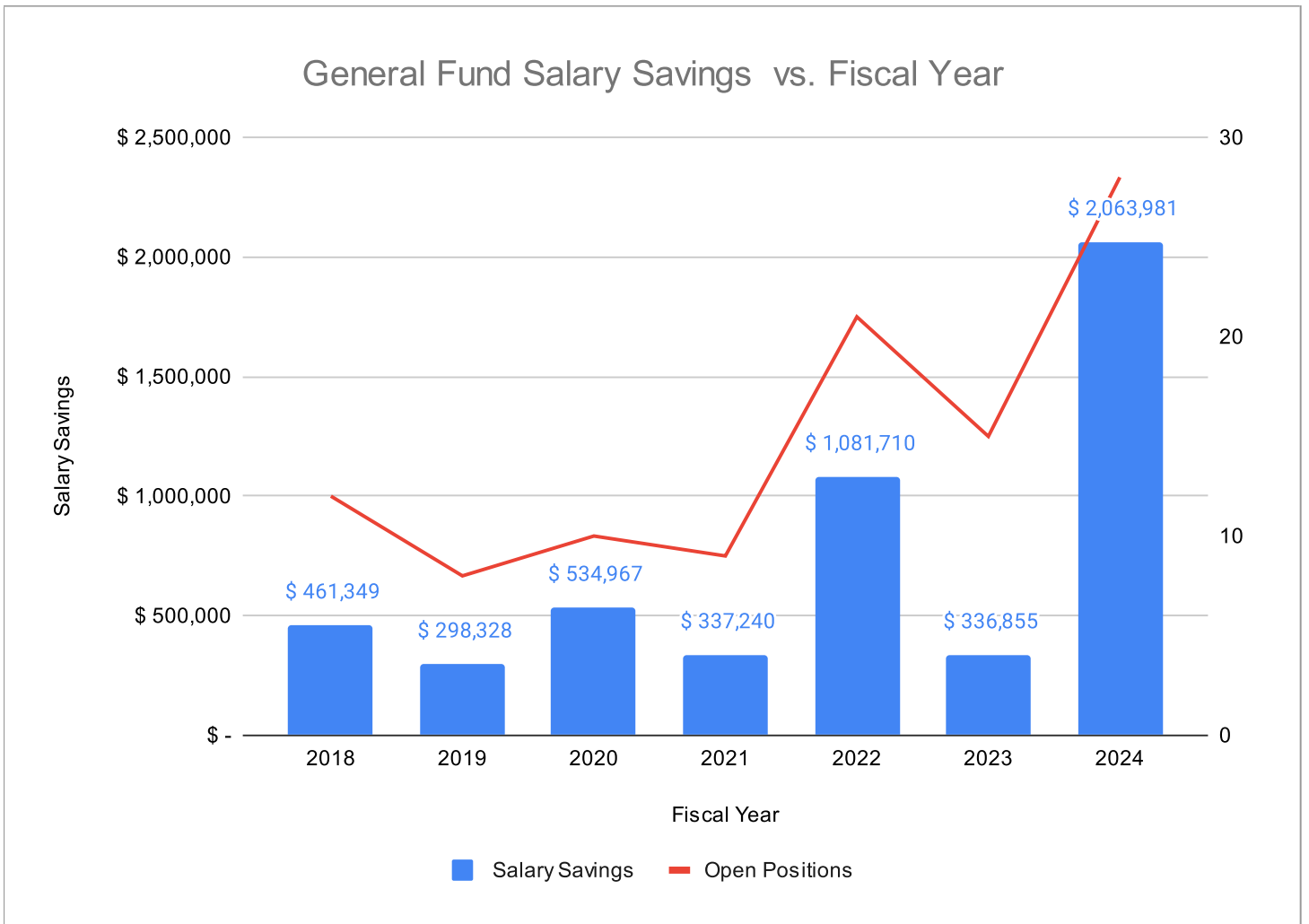
Exhibit A

FY 2024 General Fund Budget Adjustments

City Council	\$	138	Workers Comp
City Manager	\$	(13,623)	Turnover/Open Position
City Secretary	\$	(986)	
Finance	\$	(1,219)	
Facilities	\$	3,272	
Municipal Court	\$	(15,746)	Turnover
Human Resources	\$	(51,654)	Turnover/Retirement
Purchasing	\$	(19,029)	Turnover/Retirement
Information Technology	\$	4,051	
Police	\$	1,070,017	Open Positions
Fire	\$	699,295	Open Positions
Emergency Communications	\$	54,793	Open Positions
Animal Control	\$	45,198	Open Positions
Planning	\$	5,474	Turnover/Retirement
Building Inspections	\$	109,442	Open Positions
Code Enforcement	\$	(3,863)	
Streets	\$	47,815	Turnover/Open Position
Parks	\$	77,188	Turnover/Open Position
Library	\$	53,420	Turnover
	\$	2,063,983	

FY 2024 Utility Fund Budget Adjustments

Utility Fund Admin	\$	219	
Water	\$	112,143	Turnover/Open Positions
Wastewater	\$	28,374	Turnover/Open Positions
Engineering	\$	(40,547)	Retirement Payout/Reorganization
Utility Billing	\$	(24,417)	New Position moved from General Fund Building Inspections
	\$	75,772	



Fiscal Year	Salary Savings	Open Positions
2018	\$ 461,349	12
2019	\$ 298,328	8
2020	\$ 534,967	10
2021	\$ 337,240	9
2022	\$ 1,081,710	21
2023	\$ 336,855	15
2024	\$ 2,063,981	28

Open position numbers are current positions - salary savings account for how long positions are open and salary of open positions.

City of Wylie FY 2024 Mid-Year Adjustments

Fund/Account	Account Description	Mid-Year Description	Amount	Additional Description
100-4000-48410	Miscellaneous Income	Ballistic Vest Reimbursement Allocation	(7,250.00)	
100-4000-48410	Miscellaneous Income	LEOSE Reimbursement	(5,138.29)	
100-4000-49600	Insurance Recoveries	Insurance Reimbursement for vehicle damage	(904.44)	
100-4000-43513	Police Grants	LEOSE Reimbursement	(6,300.44)	
100-4000-48440	Contributions/Donations	Catholic Foundation Donation	(5,779.00)	
100-5113-56070	Elections	Cost Increase for May Election	20,000.00	
100-5152-56510	Audit and Legal Services	Increase in Services by Court Prosecutor	15,000.00	
100-5181-54510	Motor Vehicles	Repair for SRO vehicle	904.44	Funded from Insurance Recovery
100-5211-51130	Overtime	Overtime for Police Department	450,000.00	
100-5211-52710	Wearing Apparel and Uniforms	Ballistic Vest Reimbursement Allocation	7,250.00	Funded from Ballistic Vest Reimbursement
100-5211-58510	Motor Vehicles	Price increase and 2 additional vehicles	258,000.00	
100-5251-58910	Buildings	Remodel Animal Shelter	800,000.00	
100-5251-56040	Special Services	Temporary Kennel Attendant Services	31,960.00	Funded from Salary Savings
100-5251-52130	Tools & Equipment	Purchase Kuranda Bedding	2,153.00	Funded from Pet Data Licensing and Contributions
100-5231-51130	Overtime	Overtime for Fire Department	388,000.00	
100-5241-51130	Overtime	Overtime for Emergency Communications	15,000.00	
100-5241-56210	Travel & Training	LEOSE Reimbursement	11,438.73	Funded From Comptroller
100-5551-52130	Tools & Equipment	Enhance Library Services	4,779.00	Funded From Donation
100-5551-56070	Special Service	Enhance Library Services	1,000.00	
TOTAL GENERAL FUND			1,980,113.00	
111-4000-48410	Miscellaneous Income	Sponsorships received for WISD Regional Business Symposium lunch	(1,250.00)	
111-5611-56090	Community Development	Allocated Sponsorships to expense account	1,250.00	
111-5611-51xxx	Various salary accounts	Pay plan adjustments	25,000.00	
TOTAL WEDC			25,000.00	
112-4000-49600	Insurance Recoveries	Insurance Recovery from Vehicle Accident	(20,851.00)	
112-5614-58510	Motor Vehicles	Replacement 3/4 Ton Truck due to Accident	65,851.00	Partially funded through insurance recoveries
TOTAL 4B SALES TAX FUND			45,000.00	
611-5712-56040	Special Services	Lead and Copper Rule Revision	80,000.00	
TOTAL UTILITY FUND			80,000.00	
121-5622-58150	Land Betterments	Baseball Field Scorecards at Community Park	45,000.00	Will be reimbursed by WBSA
TOTAL PARKS A & I FUND			45,000.00	
132-4000-49131	Transfer from Special Revenue Fund	Transfer Funds from Fire Development Fund	(300,000.00)	Revenue from Fire Development Fund
132-5642-58910	Buildings	Fire Training Center Construction	500,000.00	
TOTAL FIRE TRAINING FUND			200,000.00	
133-5643-59155	Transfer to Fire Training Fund	Transfer Funds to Fire Training Fund	300,000.00	Move Funds for Fire Training Center Construction
TOTAL FIRE DEVELOPMENT FUND			300,000.00	
151-5617-52130	Tools and Equipment	Ticket Writer Printers and Chargers	7,000.00	Move Funds for Fire Training Center Construction
TOTAL MUNICIPAL COURT TECHNOLOGY FUND			7,000.00	
161-5651-58850	Major Tools and Equipment	Two Message Boards	52,000.00	

City of Wylie
FY 2024 Mid-Year Adjustments

Fund/Account	Account Description	Mid-Year Description	Amount	Additional Description
161-5651-51xxx	Various Salary Accounts	Pay Plan Increase for Event Coordinator Position	6,293.50	
TOTAL HOTEL OCCUPANCY FUND			58,293.50	
461-5461-58910	Buildings	Fire Training Center Construction	197,046.00	
TOTAL FIRE CONSTRUCTION FUND			197,046.00	

GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES

	BUDGET 2023-24	PROJECTED PERSONNEL SAVINGS	OTHER AMENDMENTS	MID YEAR PAY PLAN ADJ	AMENDED FY 2023-2024
BEGINNING FUND BALANCE	\$28,554,755				\$28,554,755
REVENUES:					
Ad Valorem Taxes	30,694,211				30,694,211
Sales Taxes	9,113,122				9,113,122
Franchise Fees	2,953,146				2,953,146
Licenses & Permits	1,275,000				1,275,000
Intergovernmental Revenues	2,609,490		6,300		2,615,790
Service Fees	4,343,203				4,343,203
Fines and Forfeitures	340,000				340,000
Interest & Miscellaneous	1,787,028		19,071		1,806,099
Total Revenues	53,115,200		25,372		53,140,572
OTHER FINANCING SOURCES:					
Transfers from Other Funds/Other Financing Sources	2,645,506		0		2,645,506
Use of Fund Balance for Carry-Forward Items	1,914,392				1,914,392
Total Other Financing Sources	4,559,898		0		4,559,898
Total Revenues & Other Financing Sources	57,675,098	0	25,372		57,700,470
EXPENDITURES:					
General Government					
City Council	96,401	138			96,263
City Manager	1,319,397	(13,623)		73,844	1,406,864
City Secretary	424,452	(986)	20,000	27,137	472,575
City Attorney	170,000	0			170,000
Finance	1,399,631	(1,219)		61,117	1,461,967
Facilities	1,069,225	3,272		20,963	1,086,916
Municipal Court	609,517	(15,746)	15,000	28,013	668,276
Human Resources	866,880	(51,654)		37,289	955,823
Purchasing	329,321	(19,029)		17,351	365,701
Information Technology	2,243,720	4,051		46,357	2,286,026
Public Safety					0
Police	14,196,132	1,070,017	715,250	728,077	14,569,442
Fire	16,604,336	699,295	388,000	650,326	16,943,367
Emergency Communications	2,638,451	54,793	26,439	47,519	2,657,615
Animal Control	785,941	45,198	834,113	33,992	1,608,848
Development Services					0
Planning	380,280	5,474		21,943	396,749
Building Inspections	657,941	109,442		31,359	579,858
Code Enforcement	222,680	(3,863)		7,689	234,232
Streets	4,206,796	47,815		119,565	4,278,546
Community Services					0
Parks	2,844,493	77,188		83,941	2,851,246
Library	2,328,582	53,420	5,779	147,187	2,428,128
Combined Services	5,217,922	0	904		5,218,826
Total Expenditures	58,612,098	2,063,983	2,005,485	2,183,665	60,737,265
Transfers to Other Funds/Other Financing	0		0		0
ENDING FUND BALANCE	\$27,617,755	2,063,983	1,980,113	2,183,665	\$25,517,960

UTILITY FUND
STATEMENT OF REVENUES AND EXPENDITURES

	BUDGET 2023-24	PROJECTED PERSONNEL SAVINGS	OTHER AMENDMENTS	MID YEAR PAY PLAN ADJ	AMENDED FY 2023-2024
BEGINNING FUND BALANCE	\$23,689,852				\$23,689,852
REVENUES:					
Service Fees	29,434,997				29,434,997
Interest & Miscellaneous	789,896				789,896
Total Revenues	30,224,893			0	30,224,893
OTHER FINANCING SOURCES:					
Transfers from Other Funds/Other Financing Sources	0				0
Use of Fund Balance for Carry-Forward Items	1,449,523				1,449,523
Total Other Financing Sources	1,449,523			0	1,449,523
Total Revenues & Other Financing Sources	31,674,416	0	0		31,674,416
EXPENDITURES:					
Utility Administration	660,340	219		13,855	673,976
Utilities - Water	3,927,313	112,143	80,000	93,362	3,988,532
City Engineer	1,361,043	(40,547)		52,785	1,454,375
Utilities - Wastewater	1,588,719	28,374		63,468	1,623,813
Utility Billing	1,510,513	(24,417)		48,092	1,583,022
Combined Services	17,573,109	0			17,573,109
Total Expenditures	26,621,037	75,772	80,000	271,560	26,896,825
Transfers to Other Funds/Other Financing	2,645,506				2,645,506
ENDING FUND BALANCE	\$26,097,725	75,772	80,000	271,560	\$25,821,937

4B SALES TAX FUND
STATEMENT OF REVENUES AND EXPENDITURES

	BUDGET 2023-24	PROJECTED PERSONNEL SAVINGS	OTHER AMENDMENTS	MID YEAR PAY PLAN ADJ	AMENDED FY 2023-2024
BEGINNING FUND BALANCE	\$6,848,645				\$6,848,645
REVENUES:					
Sales Tax	4,536,561				4,536,561
Service Fees	940,000				940,000
Interest & Miscellaneous	219,939		20,851		240,790
Total Revenues	5,696,500		20,851		5,717,351
OTHER FINANCING SOURCES:					
Transfers from Other Funds/Other Financing Sources	0				0
Use of Fund Balance for Carry-Forward Items	2,161,098				2,161,098
Total Other Financing Sources	2,161,098		0		2,161,098
Total Revenues & Other Financing Sources	7,857,598	0	20,851		7,878,449
EXPENDITURES:					
Brown House	398,998			16,863	415,861
Senior Center	699,792			40,234	740,026
4B Parks	3,670,039		65,851	34,336	3,770,226
Recreation Center	2,315,720			131,994	2,447,714
Stonehaven House	121,000				121,000
Combined Services	48,240				48,240
Total Expenditures	7,253,789	0	65,851	223,425	7,543,065
Transfers to Other Funds/Other Financing	387,065				387,065
ENDING FUND BALANCE	\$7,065,389	0	45,000	223,425	\$6,796,964

REQUEST FORM - MID YEAR BUDGET AMENDMENT

FISCAL YEAR 2024

RANK 1 OF 1 REQUEST: ELECTION EXPENSE INCREASE DEPARTMENT: CITY SECRETARY

New Request: NO New personnel? No Salary Grade: _____
Funds already expensed? YES Change grade of current personnel? From: To:

PURPOSE/OBJECTIVE OF REQUEST:
The purpose of this request is to cover the overage for election costs as a result of entities who were able to cancel their May 2024; therefore, increasing the cost for the remaining entities.

ACCOUNT NO.			DESCRIPTION	AMOUNT
100	5113	56070	Elections	\$ 20,000
TOTAL				\$ 20,000

ADDITIONAL COMMENTS:

REQUEST FORM - MID YEAR BUDGET AMENDMENT - EXPENSE

FISCAL YEAR 2024

RANK 1 OF 5 REQUEST: OVERTIME SHIFT COVERAGE DEPARTMENT: POLICE

New Request: YES New person Salary Grade: _____
Funds already expensed? NO From:

PURPOSE/OBJECTIVE OF REQUEST:
Due to change in double-time shift coverage, funds need to be moved into the Overtime account.

ACCOUNT NO.			DESCRIPTION	AMOUNT
100	5211	51130	Overtime	450,000
TOTAL				450,000

ADDITIONAL COMMENTS:

REQUEST FORM - MID YEAR BUDGET AMENDMENT

FISCAL YEAR 2024

RANK	2	OF	5	REQUEST:	BALLISTIC VEST REIMBERSEMENT	DEPARTMENT:	POLICE
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New Request:	No	New personnel?	No	Salary Grade:	N/A
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Funds already expensed?	Yes	Change Level of current personnel?	From:	To:
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PURPOSE/OBJECTIVE OF REQUEST:

Allocation of funds to the Wylie Police Department Wearing Apparel & Uniform account as reimbursement for the purchase of ballistic vests through the Ballistic Vest Program.

ACCOUNT NO.			DESCRIPTION	AMOUNT
100	5211	52710	Ballistic Vest Reimbursement Allocation	7,250
100	4000	48410	Reimbursement for purchased ballistic vests	(7,250)

TOTAL	0
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ADDITIONAL COMMENTS:

REQUEST FORM - MID YEAR BUDGET AMENDMENT**FISCAL YEAR 2024**

RANK	3	OF	5	REQUEST:	LEOSE FUNDS	DEPARTMENT:	POLICE
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New Request: Yes New person Salary Grade:

Funds already expensed? No From:

PURPOSE/OBJECTIVE OF REQUEST:

Reallocation of reimbursed funds to the Travel & Training Accounts for Wylie Fire & Rescue Telecommunicator for an annual allocation payment from Law Enforcement Officer Standards and Education. The Comptroller is directed by the Occupations Code, Section 1701.157 to make an annual allocation from the LEOSE account to qualified law enforcement agencies for expenses related to the continuing education of persons licensed under Chapter 1701, Occupations Code, which includes telecommunicators. By law these funds must be used for the continuing education of persons licensed under Chapter 1701, Occupations Code. The total funds allocated are \$11,438.73

ACCOUNT NO.			DESCRIPTION	AMOUNT
100	5241	56210	Travel and Training Reimbursement check from LEOSE	11,438.73
100	4000	48410	Miscellaneous Income	(5,138.29)
100	4000	43513	Police Grants	(6,300.44)
TOTAL				0.00

ADDITIONAL COMMENTS:

Original check was direct deposited to account on 2/15/24. Received additional funds of \$6,300.44 on 3/5/24.

REQUEST FORM - MID YEAR BUDGET AMENDMENT - EXPENSE

FISCAL YEAR 2024

RANK 5 OF 5 REQUEST: ONLINE REPORTING DEPARTMENT: POLICE

New Request: YES NO Salary Grade: NA
 Funds already expensed? NO Change Level of current personnel? From: To:

PURPOSE/OBJECTIVE OF REQUEST:
 To use \$24,960 from seized funds to Computer Hardware/Software in order to purchase software allowing citizens to file minor reports online along with the interface into our records management system. This is in an effort to make it more convenient on citizens as well as free up officers time from taking minor calls.

ACCOUNT NO.			DESCRIPTION	AMOUNT
100	5211	52070	Computer Hardware/Software	24,960
TOTAL				24,960

ADDITIONAL COMMENTS:
 The assigned fund balance for law enforcement will decrease \$24,960, however the unassigned fund balance for the General Fund will not be affected.

REQUEST FORM - MID YEAR BUDGET AMENDMENT

FISCAL YEAR 2024

RANK	1	OF	2	REQUEST:	INCREASE OVERTIME	DEPARTMENT:	FIRE
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New Request: YES

New personnel? No

Salary Grade: N/A

Funds already expensed? NO

Change grade of current personnel? N/A

From: N/A

To: N/A

PURPOSE/OBJECTIVE OF REQUEST:

We are requesting an amendment to our overtime budget. This amount is based on projections from what we spent during the first half of the current fiscal year. We anticipate that overtime use will reduce in the second half of this fiscal year, but this is no guarantee with our current staffing situation. The three largest contributing factors to our overtime being over budget is WFR staffing a third ambulance, Field Training officers completing orientation and checking off of 14 of the 18 EMS division employees, a large increase in workers compensation coverage overtime, and 4 employees assigned to paramedic school full-time. All of these factors created openings that had to be filled with overtime.

ACCOUNT NO.			DESCRIPTION	AMOUNT
100	5231	51130	Overtime	\$ 388,000
TOTAL				\$ 388,000

ADDITIONAL COMMENTS:

REQUEST FORM - MID YEAR BUDGET AMENDMENT

FISCAL YEAR 2024

RANK	1	OF	2	REQUEST:	FIRE TRAINING CENTER BUILDING	DEPARTMENT:	FIRE
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New Request: YES New personnel? **No** Salary Grade: N/A

Funds already expensed? NO Change grade of current personnel? N/A From: N/A To: N/A

PURPOSE/OBJECTIVE OF REQUEST:

The Wylie Fire Rescue is seeking funding in the amount of \$697,000 to cover the costs associated with the design, construction, and equipping of the new fire training center. This budget will encompass site preparation, design, construction materials, installation, firefighting props, a new fire hydrant, and simulation equipment. The funding will come from transfers from other accounts currently designated to the Fire Department and requires no new revenue sources.

The construction of a modern fire training center represents a strategic investment in the safety and well-being of our firefighters and the communities. By providing our personnel with the tools, resources, and training they need to excel in their roles, we can ensure a prompt and effective response to emergencies, ultimately saving lives and protecting property. We are seeking to transfer \$300,000 from the Fire Development Fund into the Fire Training Fund and use \$200,000 from the Fire Training Fund along with \$197,046 from the Fire Construction Fund. \$500,000 will be added to the building account in the Fire Training Fund (132-5642-58910). Details of the plan are below.

ACCOUNT NO.			DESCRIPTION	AMOUNT
461	5461	58910	Fire Station #4 Construction Funds	\$ 197,046
133	5643	59155	Transfer to Fire Training Center	\$ 300,000
132	4000	49131	Transfer from Special Revenue Fund	\$ (300,000)
132	5642	58910	Buildings - Fire Training Center Construction	\$ 500,000
TOTAL				\$ 697,046

ADDITIONAL COMMENTS:

New Fire Training Building/Tower - \$510,000
 Current Tower Demolition - \$9,000
 Foundation Prep - \$12,000, Site Prep - \$50,000
 Concrete for Project - \$105,000
 Hydrant Installation - \$11,000
Total Cost of Project - \$697,000

REQUEST FORM - MID YEAR BUDGET AMENDMENT

FISCAL YEAR 2024

RANK 1 OF 1 REQUEST: INCREASED OVERTIME DEPARTMENT: EMERGENCY COMMUNICATIONS

New Request: YES New personnel? No Salary Grade: N/A

Funds already expensed? No Change grade of current personnel? N/A From: N/A To: N/A

PURPOSE/OBJECTIVE OF REQUEST:

We are requesting an amendment to our current overtime budget. We have vacant positions that have required us to use overtime to adequately staff the communications center during high call volume times. With summer months on the horizon, vacation requests traditionally rise, along with holiday and lake patrol coverage. Additionally, we have several large community events that occur that we staff such as Bluegrass on Ballard and the Back to School events.

The 3 positions we currently have vacant, we anticipate to fill this month (April). These employees will need to attend state-mandated training that will inevitably result in overtime on some of their weeks based on class time.

ACCOUNT NO.			DESCRIPTION	AMOUNT
100	5241	51130	Overtime	\$ 15,000
TOTAL				\$ 15,000

ADDITIONAL COMMENTS:

REQUEST FORM - MID YEAR BUDGET AMENDMENT

FISCAL YEAR 2024

RANK 1 OF 3 REQUEST: ANIMAL SHELTER REMODEL DEPARTMENT: ANIMAL SERVICES

New Request: YES
 Funds already expensed? NO
 New personnel? NO
 Change grade of current personnel?
 Salary Grade: N/A
 From: To:

PURPOSE/OBJECTIVE OF REQUEST:
 Remodel of the Animal Shelter. This was previously discussed with the City Council.

ACCOUNT NO.			DESCRIPTION	AMOUNT
100	5251	58910	Buildings	\$ 800,000
TOTAL				\$ 800,000

ADDITIONAL COMMENTS:

REQUEST FORM - MID YEAR BUDGET AMENDMENT

FISCAL YEAR 2024

RANK	2	OF	3	REQUEST:	USE OF DONATED FUNDS	DEPARTMENT:	ANIMAL SERVICES
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New Request:	YES	New personnel?	NO	Salary Grade:	N/A
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Funds already expensed?	YES	Change grade of current personnel?	From:	To:
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PURPOSE/OBJECTIVE OF REQUEST:

Monetary donations were received from citizens and local business through individual donations or Pet Data Licensing. The donations are being requested for deposit into the Animal Control Tools & Equipment Account to purchase Kuranda bedding.

ACCOUNT NO.			DESCRIPTION	AMOUNT
100	5251	52130	Tools & Equipment	\$ 2,153
TOTAL				\$ 2,153

ADDITIONAL COMMENTS:

REQUEST FORM - MID YEAR BUDGET AMENDMENT

FISCAL YEAR 2024

RANK	3	OF	3	REQUEST:	ADDITIONAL FUNDS FOR SERVICES	DEPARTMENT:	ANIMAL SERVICES
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New Request:	Yes	New personnel?	No	Salary Grade:	N/A
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Funds already expensed?	Yes	Change grade of current personnel?	From:	To:
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PURPOSE/OBJECTIVE OF REQUEST:

Employment agency fees for temporary kennel attendant services due to staff shortage. Current expenditures are \$7300.00. Anticipated future costs are \$24,660.00.

ACCOUNT NO.			DESCRIPTION	AMOUNT
100	5251	56040	Special Services	\$ 31,960
TOTAL				\$ 31,960

ADDITIONAL COMMENTS:

Animal Services utilizes a temporary kennel attendant to assist with cleaning and animal care. Animal Services has two current open positions for an Animal Services Officer. Further shortages are caused by mandatory training, vacation, illness, and court appearances.

REQUEST FORM - MID YEAR BUDGET AMENDMENT

FISCAL YEAR 2024

RANK	1	OF	1	REQUEST:	CATHOLIC FOUNDATION DONATION	DEPARTMENT:	LIBRARY
------	---	----	---	----------	------------------------------	-------------	---------

New Request: YES

New personnel? No

Salary Grade: _____

Funds already expensed? YES

Change grade of current personnel?

From: To:

PURPOSE/OBJECTIVE OF REQUEST:

The library receives a donation from the Catholic Foundation setup through Rita and Truett Smith estate. It is used to enhance library service.

ACCOUNT NO.			DESCRIPTION	AMOUNT
100	4000	48440	Contributions and Donations	\$ (5,779)
100	5551	56040	Special Services	\$ 1,000
100	5551	52130	Tools and Equipment	\$ 4,779
TOTAL				\$ -

ADDITIONAL COMMENTS:

PARD REQUEST FORM - MID YEAR BUDGET AMENDMENT**FISCAL YEAR 2024**

RANK	1	OF	1	REQUEST: VEHICLE REPLACEMENT	DEPARTMENT: 4B PARKS
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New Request: YES

New personnel?

Salary Grade: _____

Funds already expensed? NO

Change grade of current personnel?

From:

To:

PURPOSE/OBJECTIVE OF REQUEST:

The Parks and Recreation Department is seeking extra funds through a mid-year adjustment to procure a replacement 3/4 ton truck (unit 340), which was declared totaled in the fall of '23 following a staff accident, as determined by the Texas Municipal League (TML). TML has reimbursed \$20,851.00 towards the acquisition of a replacement vehicle. The funding request presented below outlines the additional amount required for the purchase.

ACCOUNT NO.			DESCRIPTION	AMOUNT
112	5614	58510	4B Parks Motor Vehicles	\$ 65,851
112	4000	49600	Insurance Recoveries - move to vehicle account	\$ (20,851)
TOTAL				\$ 45,000

ADDITIONAL COMMENTS:

REQUEST FORM - MID YEAR BUDGET AMENDMENT

FISCAL YEAR 2024

RANK 1 OF 1 REQUEST: LEAD AND COPPER RULE REVISIONS DEPARTMENT: PUBLIC WORKS - WATER

New Request: Yes New personnel? Salary Grade: _____

Funds already expensed?No Change grade of current personnel? From: _____ To: _____

PURPOSE/OBJECTIVE OF REQUEST:
 The Water Division has requested additional expenditures to be added to the Water Utility Special Services Account 611-5712-56040. Additionally, Legislation made unforeseen changes to the Lead Copper Rule Revisions Plan. The Public Works Staff and Freese and Nicoles have been collaborating on completing the current LCRR, and will work together on the additional tasks required for the Lead Copper Rule Improvements, Public Communication Plan, and LCRR Initial Compliance Documentation and Reporting. These tasks must be completed by the October 16, 2024 deadline.

ACCOUNT NO.			DESCRIPTION	AMOUNT
611	5712	56040	Special Services	\$ 80,000
TOTAL				\$ 80,000

ADDITIONAL COMMENTS:
 We anticipated this could have been budgeted in FY25 but due to a change in due date, this needs to be completed by October 16, 2024.

REQUEST FORM - MID YEAR BUDGET AMENDMENT

FISCAL YEAR 2024

RANK 1 OF 1 REQUEST: TWO MESSAGE BOARDS DEPARTMENT: HOTEL OCCUPANCY

New Request: YES New personnel? No Salary Grade: _____
 Funds already expensed? NO Change grade of current personnel? From: To:

PURPOSE/OBJECTIVE OF REQUEST:
 The purpose of this request is to purchase two solar powered message boards to be used to promote public events and city activities. They will also be used to communicate critical event information before, during and after events.

ACCOUNT NO.			DESCRIPTION	AMOUNT
161	5651	58850	Major Tools and Equipment	\$ 52,000
TOTAL				\$ 52,000

ADDITIONAL COMMENTS:



Wylie City Council

AGENDA REPORT

Department: City Secretary
Prepared By: Stephanie Storm

Account Code: _____

Subject

Consider, and act upon, casting a recommendation for a candidate for the Board of Directors of the North Central Texas Council of Governments (NCTCOG) Executive Board.

Recommendation

Motion to approve casting a recommendation for _____ as a candidate for the Board of Directors of the North Central Texas Council of Governments (NCTCOG) Executive Board.

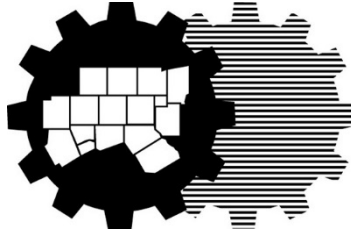
Discussion

Officers and Directors for the 2024-2025 Council of Governments' Executive Board will be elected at the annual General Assembly meeting on Friday, June 14, 2024, at 12:00 p.m. at the Hurst Conference Center. Officials from member governments are invited to submit recommendations for Board positions.

NCTCOG is specifically requesting nominations for the seats representing the following population categories:

- A County between 75,000 – 650,000
- A County less than 75,000
- A City between 200,000 – 350,000
- A City between 50,000 – 350,000
- A City between 20,000 – 50,000

An Executive Board member must be a local elected official from a member government's policy body. Executive Board members traditionally hold their seats for two years and then rotate off the Board.



NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS

TO: NCTCOG Member Governments

DATE: April 10, 2024

FROM: Bill Heidemann, President
Mayor, City of Corinth

SUBJECT: Election of Officers and Directors for 2024-2025 Executive Board

Officers and Directors for the 2024-2025 Council of Governments' Executive Board will be elected at the annual General Assembly meeting on Friday, June 14, 2024, at 12:00 p.m. at the Hurst Conference Center. Officials from member governments are invited to submit recommendations for Board positions. I will Chair a Nominating Committee, consisting of several Past Presidents, that has been appointed to review the recommendations and submit a slate for election at the meeting.

Executive Board members traditionally hold their seats for two years and then rotate off the Board. If, however, a member has served for two years, but is nominated and elected to serve as an officer, that person will continue to fill their current population-based seat on the Board. The current Board President rotates to the position of *Past President*. The *Past President* position does not represent a population category.

We are specifically requesting nominations for the seats representing the following population categories:

- **A County between 75,000 – 650,000**
- **A County less than 75,000**
- **A City between 200,000 – 350,000**
- **A City between 50,000 – 350,000**
- **A City between 20,000 – 50,000**

The following items are attached and are also available online for your use and information:

Nomination Form
Executive Board Structure (According to the NCTCOG Bylaws)
Executive Board Open Seats by Population Category
Executive Board Nominating Committee

THE DEADLINE FOR NOMINATIONS IS MAY 13, 2024

You may nominate online using the forms available at www.nctcog.org/nominations or you can return your nomination forms by email to jwatson@nctcog.org.

If you have any questions, please contact me or one of the other members of the Nominating Committee.

ME/jw

2024 – 2025 NCTCOG EXECUTIVE BOARD

NOMINATION FORM

Date: _____

I would like to recommend the following **local elected official** (Mayor, Councilmember, County Judge, County Commissioner) for consideration by the Nominating Committee to serve on NCTCOG's Executive Board.

PRINCIPAL NOMINATOR INFORMATION:

NOMINEE INFORMATION:

Name:	Nominee Name:
Title:	Nominee Title:
Local Government Represented:	Nominee Local Government Represented: Nominee Population:
Email:	Nominee Email:
Mailing City/State/Zip:	Nominee Mailing City/State/Zip:
Office Phone:	Nominee Office Phone:
Home/Cell Phone:	Nominee Home/Cell Phone:

(PLEASE ATTACH A RESUME OR ADDITIONAL BIOGRAPHICAL INFORMATION)

Additional Supporting Comments:

THE DEADLINE FOR NOMINATIONS IS MAY 13, 2024

PLEASE NOMINATE ONLINE AT www.nctcog.org/nominations
or email the nomination form to the Executive Director's Office at jwatson@nctcog.org

Executive Director's Office
North Central Texas Council of Governments

North Central Texas Council of Governments
Executive Board Structure
(According to NCTCOG Bylaws)

OFFICERS

President

(Elected by General Assembly. Must be a member of the Executive Board.)

Vice President

(Elected by General Assembly. Must be a member of the Executive Board.)

Secretary-Treasurer

(Elected by General Assembly. Must be a member of the Executive Board.)

STANDING MEMBERS

1. Past President

(Automatic position on Executive Board, does not fill a designated seat.)

2. Member of the Legislature

(Ex-Officio, non-voting - Selected by Lottery from among those interested.)

DIRECTORS – Categorical Requirements

Counties (6 Seats)

3. – 6. Representatives of the Four (4) Largest Populated Member Counties

(One selected by each County: Dallas, Tarrant, Collin and Denton)

7. Representative of a Member County with a Population of 75,000-650,000

8. Representative of a Member County with a Population of <75,000

Cities (10 Seats)

9. – 11. Representatives of the Three (3) Largest Populated Member Cities

(One selected by each City: Dallas, Fort Worth, Arlington)

12. Representative of a Member City with a Population of Between 200,000 - 350,000

13. Representative of a Member City with a Population of Between 100,000 - 200,000

14. Representative of a Member City with a Population of Between 50,000 - 100,000

15. Representative of a Member City with a Population of Between 20,000 - 50,000

16. Representative of a Member City with a Population of <20,000

At Large Cities

17. Representative of a Member City with a Population of Between 50,000 - 350,000

18. Representative of a Member City with a Population of <50,000

- ◆ ***An Executive Board member must be a local elected official from a member government's policy body.***
- ◆ ***If a director is elected to an officer position, that director will continue to represent the category that the director was originally elected to serve.***
- ◆ ***No member government may have more than one (1) representative on the Board at any given time unless one of them is serving in the Past President position.***

North Central Texas Council of Governments

2024 Current Executive Board and Open Seats by Population Categories

OFFICERS	2023-2024	2024-2025
President	Bill Heidemann (2019), Mayor, Corinth	Chris Hill (2019), County Judge, Collin
Vice-President	Chris Hill (2019), County Judge, Collin	Victoria Johnson (2022), Councilmember, Burleson
Secretary/Treasurer	Victoria Johnson (2022), Councilmember, Burleson	Officers Must be a Current Board Member
DIRECTORS		
Population Categories	2023-2024	2024-2025
COUNTIES		
1. Largest Appointed by Dallas County	Clay Jenkins (2011), County Judge, Dallas	Appointed
2. 2nd Largest Appointed by Tarrant County	Tim O'Hare (2023), County Judge, Tarrant	Appointed
3. 3rd Largest Appointed by Collin County	Chris Hill (2019), County Judge, Collin (officer)	Appointed
4. 4th Largest Appointed by Denton County	Bobbie Mitchell (2015), Commissioner, Denton	Appointed
5. 75,000 - 650,000	**Todd Little (2022), County Judge, Ellis	✓***
6. <75,000	**J.D. Clark (2022), County Judge, Wise	✓***
CITIES		
7. Largest Appointed by City of Dallas	Cara Mendelsohn (2021), Councilmember, Dallas	Appointed
8. 2nd Largest Appointed by City of Fort Worth	Carlos Flores (2022), Councilmember, Fort Worth	Appointed
9. 3rd Largest Appointed by City of Arlington	Andrew Piel (2019), Councilmember, Arlington	Appointed
10. 200,000 - 350,000	**Jarja Clemson (2021), Councilmember, Grand Prairie	✓***
11. 100,000 - 200,000	Jennifer Justice (2023), Councilmember, Richardson	**Jennifer Justice (2023), Councilmember, Richardson
12. 50,000 - 100,000	Victoria Johnson (2022), Councilmember, Burleson (officer)	Victoria Johnson (2022), Councilmember, Burleson (officer)
13. 20,000 - 50,000	Bill Heidemann (2019), Mayor, Corinth (officer)	✓ Open Seat
14. <20,000	Nick Stanley (2023), Mayor, Aledo	**Nick Stanley (2023), Mayor, Aledo
AT LARGE CITIES		
15. 50,000-350,000	**Linda Martin (2022), Mayor, Euless	✓***
16. <50,000	Kameron Raburn (2023), Commissioner, Ennis	**Kameron Raburn (2023), Commissioner, Ennis
STANDING MEMBER		
17. Immediate Past President	Andrew Piel (2019), Councilmember, Arlington (officer)	Bill Heidemann (2019), Mayor, Corinth (officer)

✓ Open Seat

** 2 Years on Board

✓*** open unless person becomes officer

**NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS
2024 Executive Board Nominating Committee**

Bill Heidemann – President 2023-24; bill.heidemann@cityofcorinth.com

Andrew Piel – President 2022-23; andrew.piel@arlingtontx.gov

David Sweet – President 2021-22; judgetsweet@gmail.com

Ray Smith – President 2020-21; rsmith@prospertx.gov

J. D. Clark – President 2019-20; cojudge@co.wise.tx.us

Kevin Strength – President 2018-19; kstrength@waxahachiechamber.com

Tom Lombard – President 2017-18; lombardt@sbcglobal.net

Lissa Smith – President 2016-17; Lissasmith4@gmail.com

Kathryn Wilemon, President 2014-15; kawilemon@aol.com

Steve Terrell, President 2013-14; stevete@swbell.net

Bobbie Mitchell; President 2012-13; Bobbie.Mitchell@dentoncounty.gov

Glen Whitley, President 2010-11; glen.whitley@outlook.com

Bobby Waddle, President 2009-10; bgwaddle@flash.net

Chad Adams, President, 2007-08; chad@oakhullinvestments.com

T. Oscar Trevino, Jr., President 2006-07; nrhoscar@sbcglobal.net

Mike Cantrell, President 2001-02; mikecantrell@tx.rr.com

Mary Poss, President 2000-01; mary@dallastex.com

Gary A. Slagel, President 1994-95; gary.slagel@CapitalSoft.com

Jim Alexander, President 1991-92; jralexander1@verizon.net



Wylie City Council

AGENDA REPORT

Department: Parks and Recreation Account Code: _____
Prepared By: Carmen Powlen

Subject
Discuss the Parks and Recreation Department and Five-Year Recommendations.

Recommendation
Discussion.

Discussion
Provide City Council with an overview of the department and proposed Five-Year Recommendations.

WYLLIE

PARKS & RECREATION

Connection moves us because it moves you

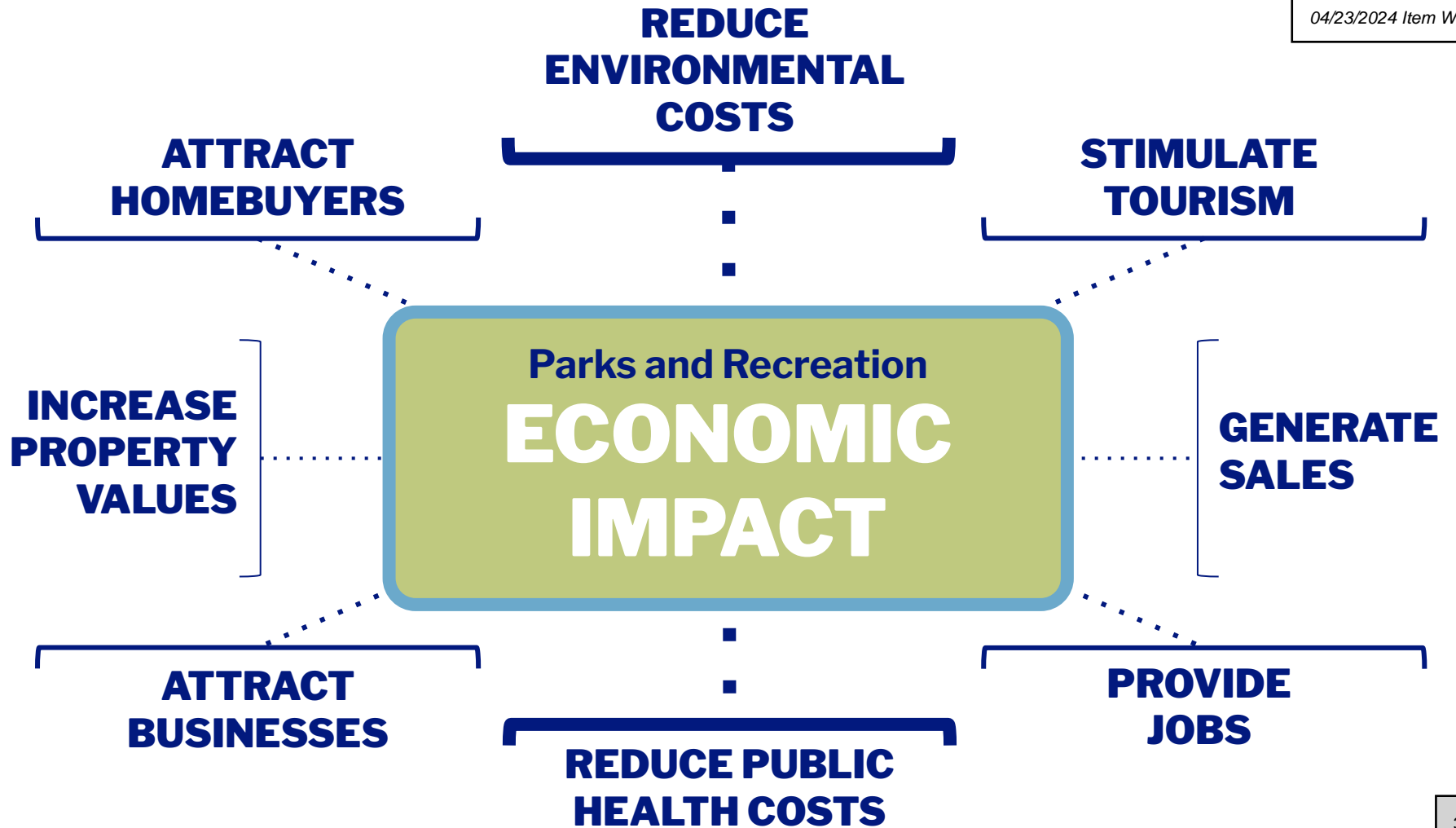


Wylie PARD connects with

2.5 million +

**visitors
each year**





STAFF

Certifications and Licences

- NRPA National Recreation and Park Association
- LERN Learning Resource Network
- TTA Texas Turfgrass Association
- TDA Texas Department of Agriculture
- TCEQ Texas Commission on Environmental Quality
- TPW Texas Parks and Wildlife
- The Aquatic Council



Training

- Operations
- Marketing
- Programming
- PARD Leadership
- Irrigation
- Playground Safety
- Turfgrass
- Chemical Applications

120 Employees

70%
Part-Time
and
Part-Time Seasonal

RECOGNITION

**PART-TIME
EMPLOYEE OF THE
YEAR, LORI
JAYNES**

TREE CITY USA

**TRAPS
PRESIDENTIAL
CHALLENGE,
JENI LAMBERT**

**BETTER CITIES
FOR PETS**

**MACARONI KID
BEST FAMILY
MEMBERSHIP,
PLAYDATE, AND
FREE/CHEAP FUN**

**WYLIE NEWS BEST
FITNESS FACILITY**

WISD

COLLIN COLLEGE

CITY DEPARTMENTS

DMA

TRAPS and NRPA

BPAC

CHAMBER

LERN

EDC

**PARD
WORKS
WITH ...**

AMENITIES

CLIMBING WALL

INDOOR TRACK

ROOM RENTALS

PAVILIONS

NEW

NEW

NEW

ATHLETIC FIELDS

TRAILS

PLAYGROUNDS

FITNESS EQUIPMENT

NEW

WELCOME CENTER

OPEN SPACE

RIGHT-OF-WAYS

PUBLIC ART

NEW

NEW

SPLASH PADS

DOG PARK

PICKLEBALL

OUTDOOR BASKETBALL

NEW

NEW

SAND VOLLEYBALL

CRICKET PITCH

SKATE PARK

DISC GOLF

OUTDOOR RENTALS

INDOOR BASKETBALL

INDOOR VOLLEYBALL

INDOOR PICKLEBALL

NEW

CLASSES

NEW

CAMPS

SERVICE CLASSIFICATION

**COST
RECOVERY**

80%+

30 - 80%

0 - 30%

**INDIVIDUAL
BENEFIT**



**BROAD
PUBLIC
BENEFIT**

**VALUE
ADDED**

=

USER FEES

IMPORTANT

=

**SUBSIDIZED FROM
TAXES AND FEES**

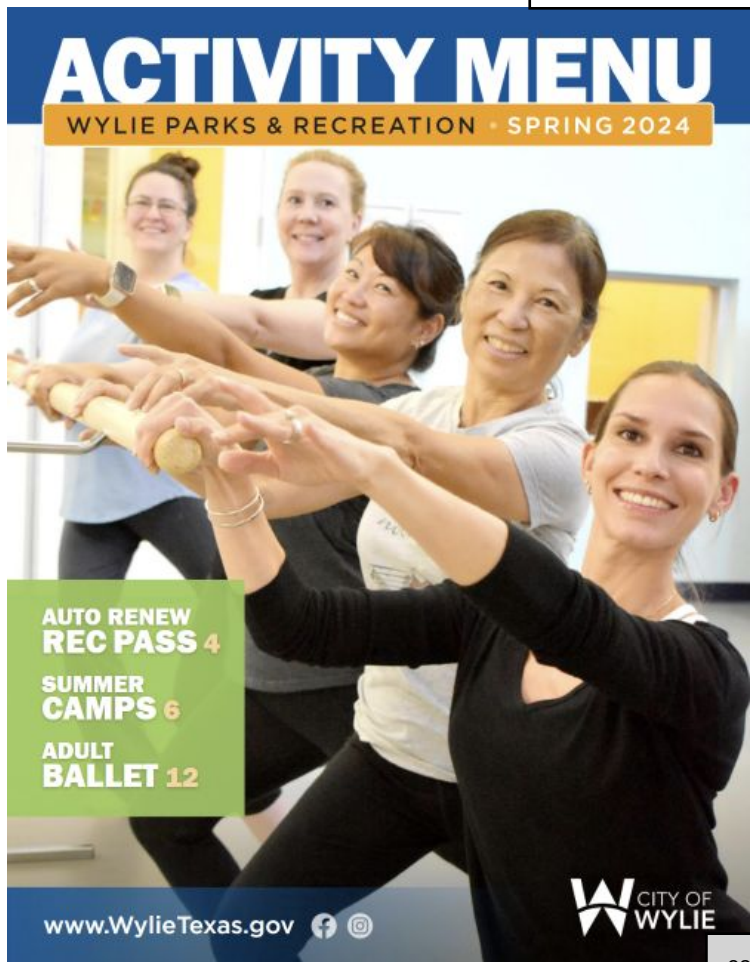
CORE SERVICES

=

GENERAL FUND TAX SUPPORTED

MARKETING

- Activity Menu
- Camp Catalog
- Activenet
- City Website
- Social Media
- Registration Drives
- Print Ads
- Postcards
- Rack Cards






ACTIVITY MENU
WYLIE PARKS & RECREATION • SPRING 2024

**AUTO RENEW
REC PASS 4**

**SUMMER
CAMPS 6**

**ADULT
BALLET 12**

www.WylieTexas.gov  

 CITY OF WYLIE

REGULAR PROMOTIONS

Rec Pass Holder Pricing

Resident Pricing

Early Bird Online Registration

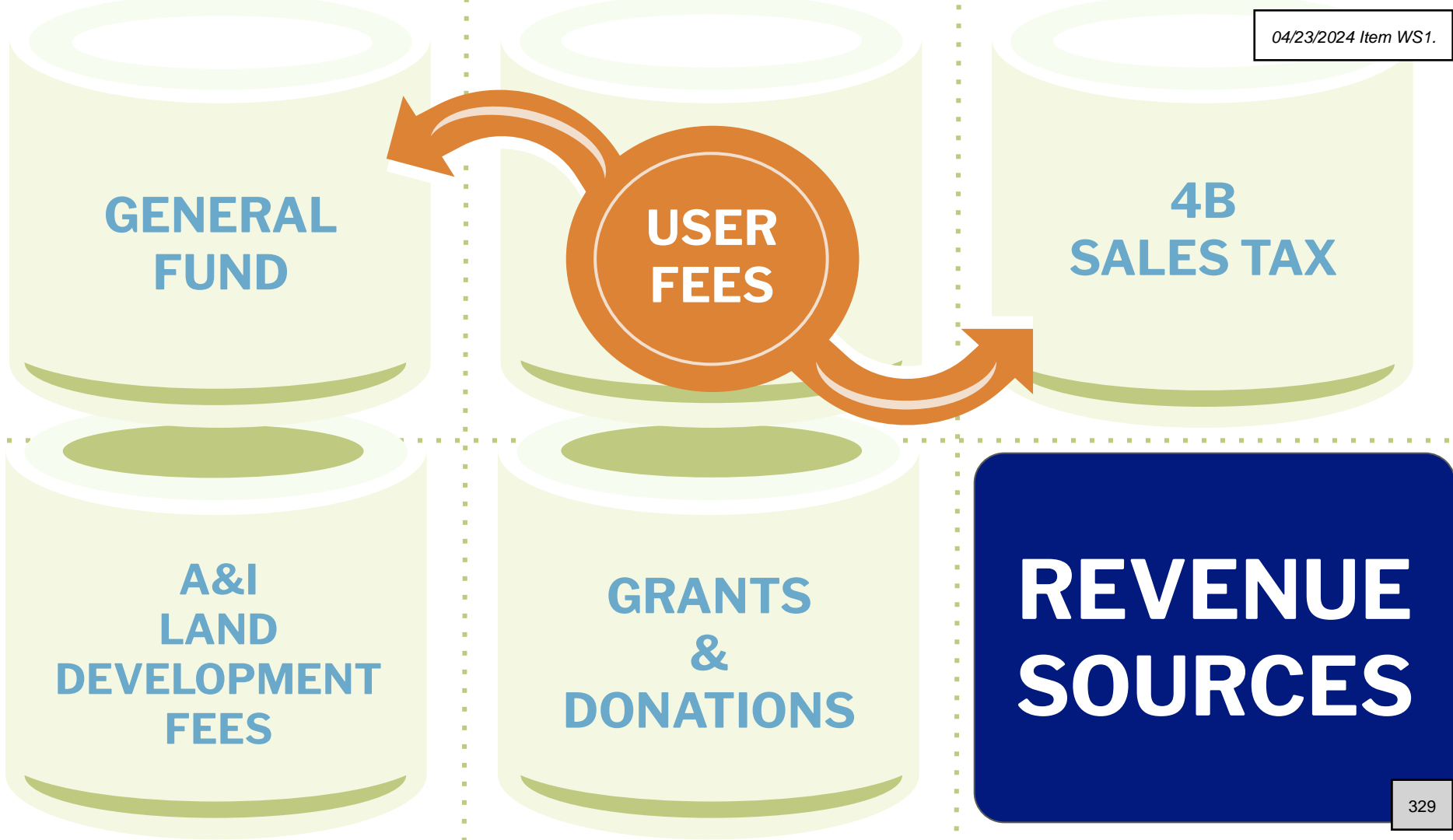
Employee Pricing

Camp Early Registration

Age Pricing

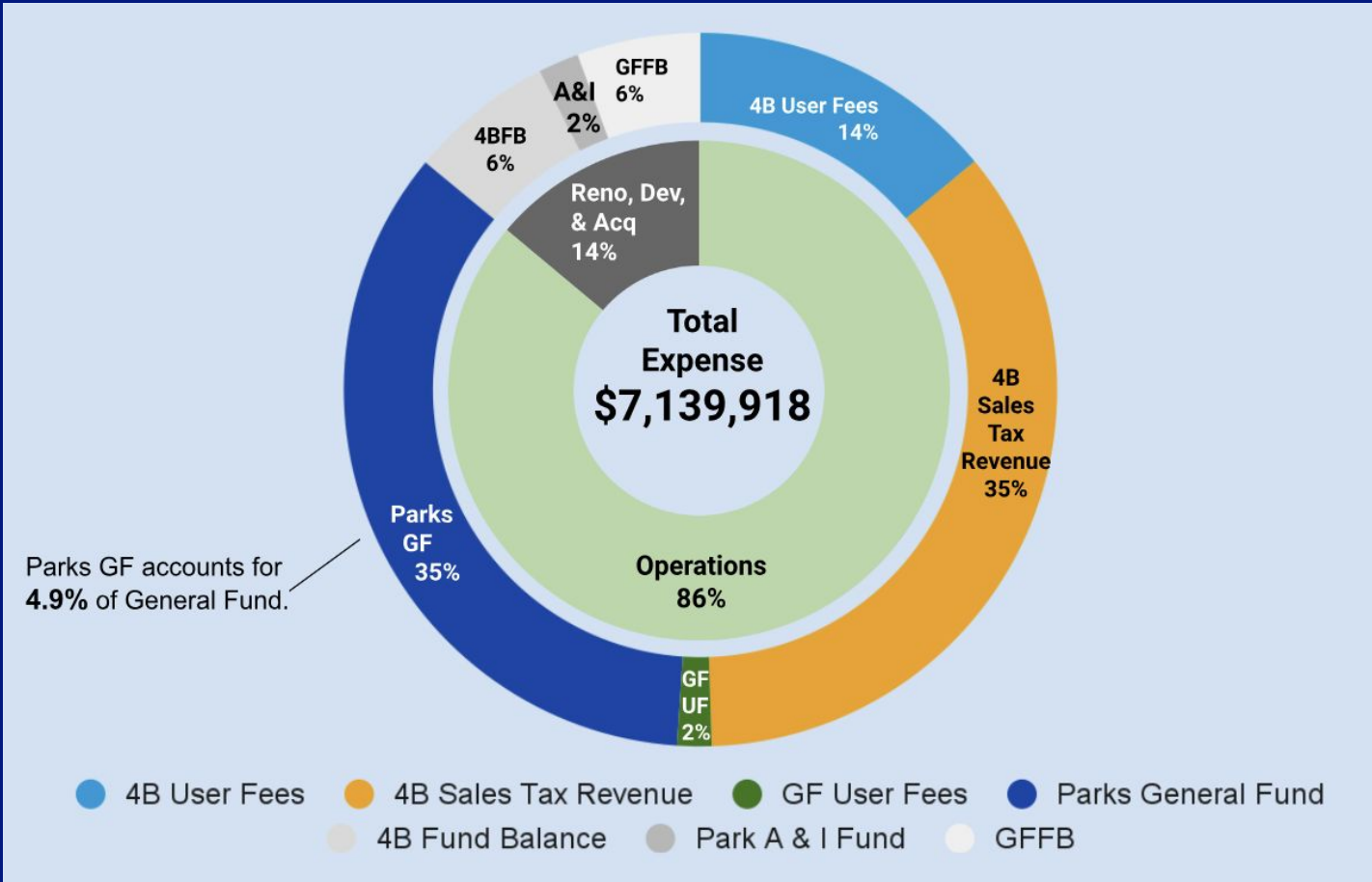
Camp Promo Registration



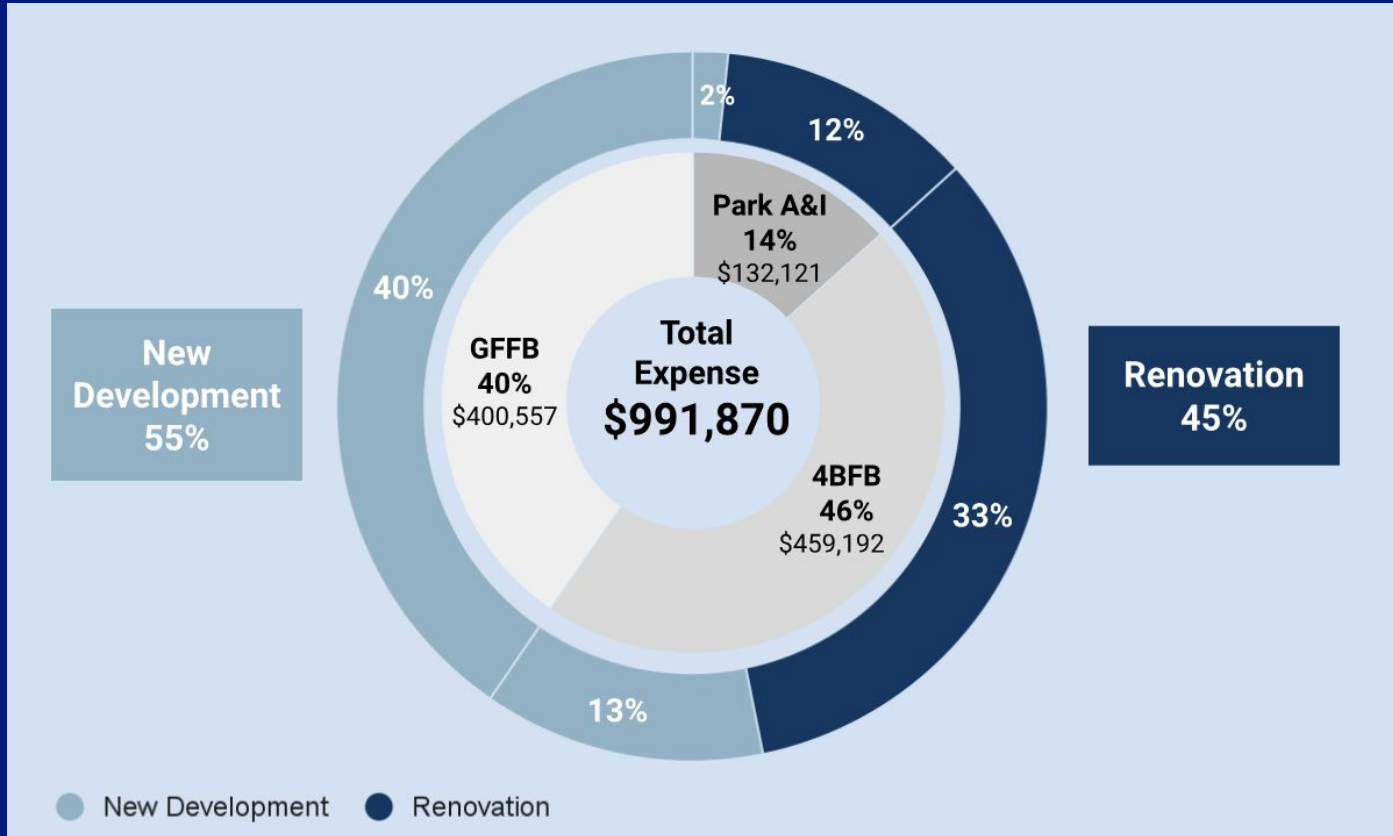


**REVENUE
SOURCES**

PARD Expenses FY 22 - 23



Renovation, New Development, and Acquisition FY 22 - 23



PROJECT UPDATES



**POURED-IN-PLACE
SURFACING
Olde City Park**



**PLAYGROUND
Valentine Park**



**PLAYGROUND
Birmingham Park**

PROJECT UPDATES continued



WELCOME CENTER
Brown House

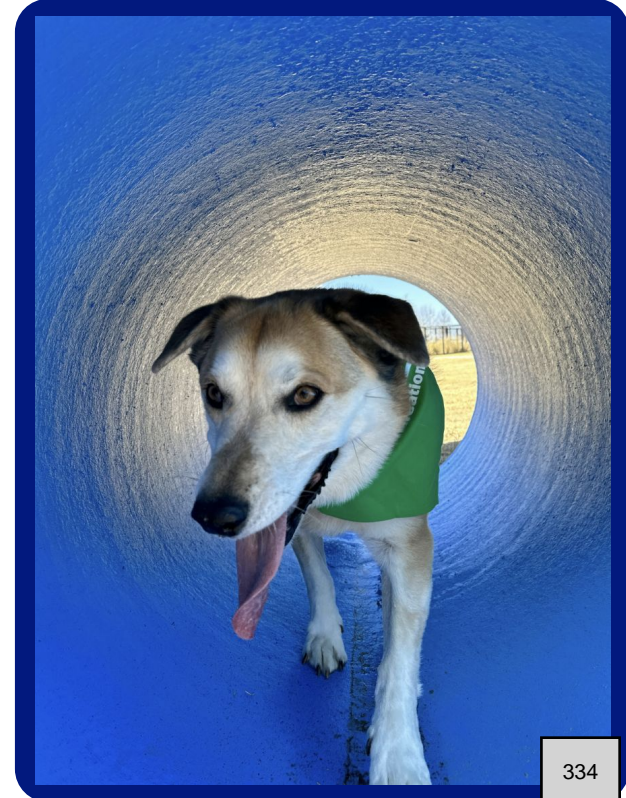


**PICKLEBALL
COURTS**
Community Park



**PITCHING AREA
ARTIFICIAL TURF**
Community Park

PROJECT UPDATES continued



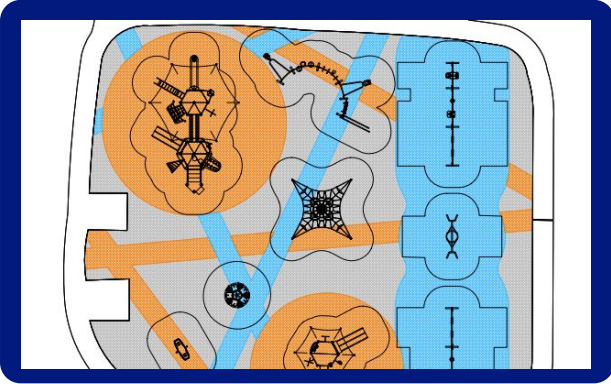
PRAIRIE TAILS DOG PARK Municipal Complex



Prairie Tails Dog Park

- 3 Dog Park Paddocks
 - 1 Small Dog
 - 2 Large Dog
- Fencing with Bull Pen Entries
- Dog Wash Stations
- Agility Equipment
- Pavilions (3)

PROJECT UPDATES continued



**POURED-IN-PLACE
SURFACING AND
ADDED EQUIPMENT
Community Park**

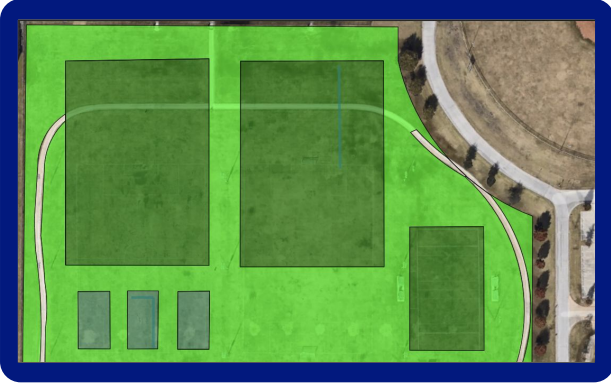


**PIRATE COVE
PLAYGROUND
Founders Park**

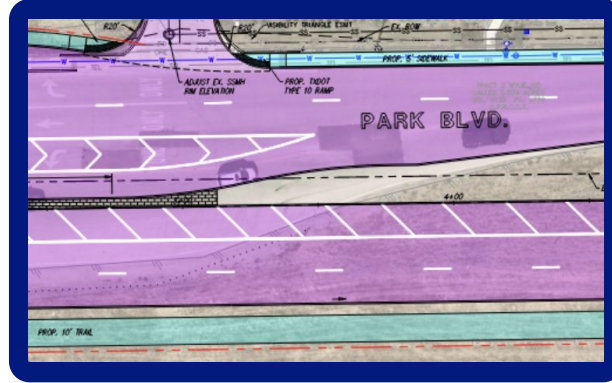


**RENOVATIONS
Community Park
Center**

PROJECT UPDATES continued



FIELD RENOVATIONS
Founders Park



TRAIL
Park Boulevard



COMMUNITY GARDEN PAVILION
Municipal Complex

PROJECT UPDATES continued

SPLASH PAD Community Park



SPLASH PAD East Meadow



REC CENTER ANNUAL REPORT

04/23/2024 Item WS1.

HIGHLIGHTS



USER FEE
REVENUE
\$992K
BENCHMARK \$960K

PROGRAM
SURVEYS
4.7 STARS

BENCHMARK 4.0
★ ★ ★ ★ ★

RETURN TO
PRE-COVID
ATTENDANCE

REC PASS RUU
RATE 15.2%
BENCHMARK 6%+

31% OF
RESIDENTS
PARTICIPATED IN
SOMETHING

103%
RECOVERY OF
DIRECT COSTS

REC CENTER ANNUAL REPORT

04/23/2024 Item WS1.

HIGHLIGHTS *continued*



54%
OF REC
PASSHOLDERS
ARE MALE

52%
OF CLASS
PARTICIPANTS
ARE FEMALE

43%
OF REC
PASSHOLDERS
ARE ADULTS
AGES 18 - 54

DEPARTMENT REPORT CARD

04/23/2024 Item WS1.

AMENITIES - MEET OR EXCEED

Parks and Open Space

Benchmark: 28+; COW: 40

Playgrounds

Benchmark: 16+; COW: 22

Outdoor Basketball Courts

Benchmark: 7+; COW: 7

Youth Baseball Fields

Benchmark: 8+; COW: 8

Dog Park

Benchmark: 1+; COW: 1

DEPARTMENT REPORT CARD

04/23/2024 Item WS1.

AMENITIES - MEET OR EXCEED continued

Community Garden (SPL)

Benchmark: 1+; COW: 1

Toddler Playgrounds

Benchmark: 5+; COW: 7

Skate Park

Benchmark: 1+; COW: 1

Rec Center

Benchmark: 1+; COW: 1

Community Center

Benchmark: 1+; COW: 1

DEPARTMENT REPORT CARD

04/23/2024 Item WS1.

AMENITIES - MEET OR EXCEED continued

Splash Pads

Benchmark: n/a; COW: 2

Cricket Pitch

Benchmark: 0; COW: 1

Sand Volleyball

Benchmark: 0; COW: 1

DEPARTMENT REPORT CARD

04/23/2024 Item WS1.

AMENITIES - UNDER MINIMUM

Adult and Youth Fields and Outdoor Courts

Several variations of dedicated and multipurpose needed

Amphitheater

Benchmark: 1; COW: 0

Outdoor/Indoor Aquatics

Benchmark: 1 each; COW: 0

ENGAGEMENT REPORT

Parents and kids visit parks

Trails are critical

Outdoor fields and courts are essential

The Rec Center is important



ENGAGEMENT REPORT

Why do you participate?

Spend time with family and friends

Take a break

Stay active and/or physically fit

Be in nature

What are your priorities for PARD facilities?

Accessibility

Safety

Welcoming

Inclusive

What is your primary obstacle to participating?

TIME!

MASTER PLAN REPORT CARD

04/23/2024 Item WS1.

COMPLETE / IN PROGRESS

Trail Connections

Splash Pads

Outdoor Benches and Seating

Dog Park

Playground Replacements

Park Art

MASTER PLAN REPORT CARD

04/23/2024 Item WS1.

TOP 10 REMAINING

Lake Amenities

Aquatics Outdoor / Indoor

Amphitheater

Additional Lighting

Additional Athletic Fields

THREATS

PRICE GOUGING
OR
INFLATION

PRIORITIZATION
AND BALANCE
OF LONG-TERM
AND POP-UP
NEEDS

LACK LARGE
LAND

5-YEAR RECOMMENDATIONS

STAFFING 4B

04/23/2024 Item WS1.

EQUIPMENT OPERATOR I - IRRIGATION



Split the city into two zones. Each zone includes one splash pad and athletic complex. West zone includes the dog park.

Rapid response reduces water loss that leads to waste and higher utility costs and reduces amenity downtime. Quick repairs and maintenance also support standards for turf cultural practices.

5-YEAR RECOMMENDATIONS

EQUIPMENT 4B

04/23/2024 Item WS1.

FY 2025

Replace Spray Rig \$80,000

Replace Riverway Playground \$70,000

New Ford Transit A with wheelchair lift \$75,000

Replace 1 Ton Unit 278 \$70,000

Replace Sage Creek Playground \$60,000

Replace 3/4 Ton Unit 339 \$60,000

Replace Front Loader Tractor \$40,000

New Ride on Broadcaster \$20,000



5-YEAR RECOMMENDATIONS

04/23/2024 Item WS1.

EQUIPMENT 4B continued

FY 2026

New Ford Transit B with wheelchair lift	\$75,000
Replace Creekside South Playground	\$70,000
New Ford Transit C without wheelchair lift	\$70,000
Replace 3/4 Ton Unit 299	\$60,000
Replace Southbrook Playground	\$60,000
Replace Infield Machine	\$30,000
Replace Zero Turn Mower	\$15,000
Replace Dump Trailer	\$10,000



5-YEAR RECOMMENDATIONS

04/23/2024 Item WS1.

EQUIPMENT 4B continued

FY 2027

Replace 3/4 Ton Unit 319 \$60,000

Replace 3/4 Ton Unit 320 \$60,000

New Skid Steer \$50,000

FY 2028

Replace Zero Turn Mower \$15,000

FY 2029

New Outdoor Fitness Equipment \$125,000



5-YEAR RECOMMENDATIONS

PROJECTS 4B

04/23/2024 Item WS1.

FY 2025

Plans Engineered Parking multiple locations	\$350,000
Reno Founders Parking Phase 1	\$1,000,000
Reno Founders South Field	\$1,000,000
Reno Brown House Parking, Restroom / Pavilion	\$300,000
Property Acquisition	\$4,000,000

EXAMPLE



5-YEAR RECOMMENDATIONS

PROJECTS 4B continued

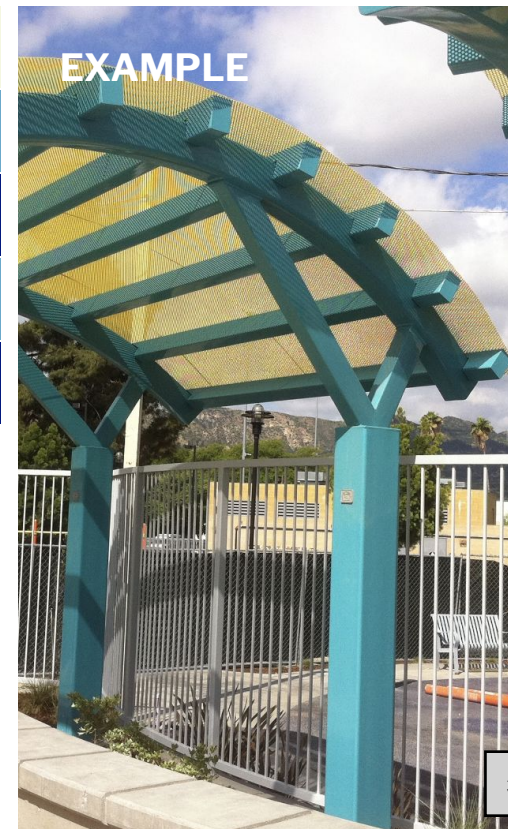
FY 2026

Founders Football Concession, Restroom, and Parking \$1,650,000

Shade Structure Pirate Cove and Community \$1,000,000

Community Field Renovation \$1,000,000

Community Parking Phase 1 \$300,000



5-YEAR RECOMMENDATIONS

04/23/2024 Item WS1.

PROJECTS 4B continued

FY 2027

Founders Parking Phase 3	\$1,000,000
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Porte-cochere and Sprinkle Community Park Center	\$550,000
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Pickleball Lighting and Shade	\$300,000
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Dog Park Restrooms	\$300,000
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EXAMPLE



5-YEAR RECOMMENDATIONS

PROJECTS 4B continued

FY 2028

Splash Pad Pirate Cove	\$3,000,000
Community Park Lighting and Parking Phase 2	\$1,000,000
Rec Center Reno Feasibility and Construction Docs	\$150,000

FY 2029

Rec Center Reno	\$5,000,000
Municipal Complex Trail Lighting	\$750,000
Rec Center Groundwork for Outdoor Fitness Container	\$300,000

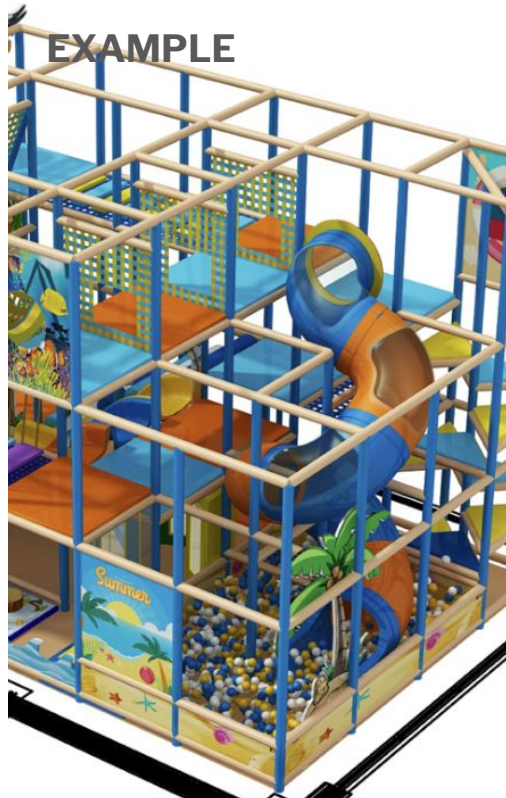
EXAMPLE



5-YEAR RECOMMENDATIONS

04/23/2024 Item WS1.

PROJECTS 4B | BOND EXAMPLE |



Founders Parking Phase 1	\$1,000,000
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Founders South Field Renovation	\$1,000,000
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Property Acquisition	\$4,000,000
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Founders Football Concession, RR, and Parking	\$1,650,000
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Founders Parking Phase 3	\$1,000,000
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Splash Pad Pirate Cove	\$3,000,000
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Rec Center Renovation	\$5,000,000
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