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UTILITY PROFILE  
AND  
WATER CONSERVATION  
PLAN

Updated:  
May 2024

**Utility Division  
Department of Public Works  
City of Temple, Texas  
Public Water Supply Number: 140005**

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## INTRODUCTION AND OBJECTIVES

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Water supply has always been a key issue in the development of Texas. In recent years, population growth and economic development in Region G have led to growing demands for water. Additional supplies to meet high demand will be expensive and difficult to develop; therefore, it is important that we make efficient use of existing supplies. Water conservation will delay the need for new supplies, minimize the environmental impacts associated with developing new supplies, and delay the high cost of additional water supply development.

Recognizing the need for efficient use of existing water supplies, the Texas Commission on Environmental Quality (TCEQ) developed guidelines and requirements governing the development of water conservation plans for public water suppliers.

The City of Temple (“The City”) has adopted this Water Conservation Plan (“The Plan”) pursuant to 30 Tex. Admin. Code § 288. The objectives of the water conservation plan are:

- To reduce the consumption of water,
- To reduce the loss and waste of water,
- To reduce summertime peak demand,
- To improve efficiency in the use of water,
- To increase recycling and/or reuse of water, and
- To extend the life of current water supplies.

The City’s Water Conservation Plan is intended to provide strategies to reduce the consumption and loss of water, improve the efficiency of water use, increase the reuse of water, and extend the life of current water supplies. This Plan is intended to enable the City to meet or exceed its water conservation goals, including quantified five and ten-year GPCD targets.

# UTILITY PROFILE

The City’s Utility Profile is an evaluation of the City’s service area, current capabilities of the water and wastewater system, and the use characteristics of each system.

## 1. SERVICE AREA AND CUSTOMER DATA

### A. Population and Service Area Data

In 2023, the City served 91,751 retail water customers. By 2030, the City’s is projected to serve 108,258 retail water customers.<sup>1</sup> The City also provides water to four wholesale customers (City of Morgan’s Point Resort, City of Troy, Little River-Academy, Arrowhead Hill), which will represent an additional 12,449 people served by the City by 2030. A copy of the City’s service area map and Certificate of Convenience and Necessity (CCN) map is included in Appendix A.

Table 1. Population and Service Area Data

	RETAIL	WHOLESALE	TOTAL
Service Area Size (mi <sup>2</sup> )	109.64	12.93	<b>122.57</b>
<b>Current Population</b>			
Service Area	91,751	10,920	<b>102,671</b>
Water Service	91,751	10,920	<b>102,671</b>
Wastewater Service	86,100	0	<b>86,100</b>
<b>Population Served for Previous Five years</b>			
2019	80,930	9,763	<b>90,693</b>
2020	84,613	10,770	<b>95,383</b>
2021	86,075	9,171	<b>95,792</b>
2022	89,112	10,248	<b>99,360</b>
2023	91,751	10,920	<b>102,671</b>
<b>Projected Service Area Population</b>			
2030	108,258	12,449	<b>120,707</b>
2040	116,291	14,939	<b>131,230</b>
2050	121,962	17,926	<b>139,888</b>
2060	124,909	21,512	<b>146,421</b>
2070	127,919	25,814	<b>153,733</b>

Table 1: Historical data for the population served by retail connections is calculated using population estimates from the City’s Annual Comprehensive Financial Report (ACFR) plus the number of customers accounts outside of the city limits multiplied by 2.47 people per connection. Calculations for the population served wholesale are provided by the City’s wholesale customers themselves. Estimates for the future population are calculated using the assumption of 2% to 4% annual growth rate.

<sup>1</sup> Data provided by City of Temple, Utility Business Office.

**B. Customer Data**

**1. Customer Connections**

*Table 2. Current Active Connections\* (as of January 1, 2024)*

CUSTOMER TYPE	TOTAL
Residential	40,679
<i>Single-Family</i>	31,482
<i>Multi-Family</i>	9,197
Commercial	2,409
Institutional	827
Industrial	53
Agricultural	5
Other (Wholesale)	6
<b>TOTAL</b>	<b>43,679</b>

\* All connections are metered.

*Table 3. Number of New Connections per Year (previous 3 years)*

YEAR	2023	2022	2021
Residential	1,209	1,510	1,571
<i>Single-Family</i>	986	1,250	1,555
<i>Multi-Family</i>	223	260	16
Commercial	88	65	66
Industrial	0	0	2
Institutional	1	3	19
Agricultural	0	0	0
Other (Wholesale)	0	1	0
<b>TOTAL</b>	<b>1,298</b>	<b>1,579</b>	<b>1,658</b>

**2. High Volume Customers**

Table 4. Usage by High Volume Customers—top 5 in 2023

	CUSTOMER	ANNUAL USE (1,000 GALLONS/YEAR)	TREATED/RAW WATER
1	Niagara Bottling, LLC	297,490	Treated
2	City of Temple	210,002	Treated
3	City of Morgan’s Point Resort	208,833	Treated
4	Scott & White Hospital	205,366	Treated
5	City of Troy	162,409	Treated

**3. Wholesale Customers**

Table 5. Wholesale Water Customer Data for 2023 (in acre-feet)

WHOLESALE CUSTOMER	CONTRACTED AMOUNT	WATER DELIVERED
City of Morgan’s Point Resort	1,935.61	656.22
City of Troy	967.80	504.22
Bell County WCID #2	322.60	118.60
Arrowhead Hill	29.03	17.35
<b>TOTAL</b>	<b>3,255.04</b>	<b>1,296.41</b>

**2. WATER USE DATA FOR SERVICE AREA**

**A. Water Accounting Data**

Table 6. Monthly Diversions for All Water Uses (in acre-feet)

YEAR	2019	2020	2021	2022	2023
January	1,097	1,094	1,055	1,210	1,207
February	991	1,041	1,411	1,085	1,110
March	1,237	1,137	1,279	1,303	1,408
April	1,246	1,142	1,440	1,422	1,403
May	1,297	1,482	1,313	1,615	1,502
June	1,323	1,869	1,546	2,164	1,976
July	1,833	2,288	1,651	2,641	2,620
August	2,353	2,474	1,892	2,439	2,791
September	2,161	1,476	2,007	1,936	2,230
October	1,742	1,487	1,593	1,977	1,819
November	1,165	1,251	1,365	1,318	1,341
December	1,123	1,145	1,208	1,275	1,296
<b>TOTAL</b>	<b>17,568</b>	<b>17,886</b>	<b>17,760</b>	<b>20,385</b>	<b>20,703</b>

Table 6: Monthly water diversions are determined by a master meter located at the point of diversion on the Leon River. The meter is read and recorded each day.

Table 7. Water Sales for Previous 5 Years (in 1,000 gallons)

YEAR	2019	2020	2021	2022	2023
Residential	2,746,670	3,072,173	2,873,558	3,505,828	3,516,568
Single-Family	2,383,084	2,675,006	2,471,214	3,068,630	3,078,538
Multi-Family	363,586	397,167	402,344	437,198	438,030
Commercial	605,121	629,550	608,481	780,530	806,179
Industrial	228,287	421,888	386,838	627,476	656,852
Institutional	612,605	614,740	574,720	656,647	616,615
Agriculture	5,357	3,303	2,064	2,056	1,244
Other/Wholesale	323,596	349,549	294,955	390,008	422,496
<b>TOTAL</b>	<b>4,521,636</b>	<b>5,091,203</b>	<b>4,740,616</b>	<b>5,962,545</b>	<b>6,019,954</b>

Table 8. Water Loss for Previous 5 Years

YEAR	AMOUNT (GALLONS)	WATER LOSS / MAIN LINE MILE	PERCENT LOSS
2019	934,575,395	1,446,375	18.78 %
2020	710,059,288	1,073,992	13.40 %
2021	893,432,561	1,351,638	17.08 %
2022	924,290,661	1,385,743	14.78 %
2023	954,289,797	1,365,221	14.45 %

Table 8: The data above aligns with historical Water Loss Audits reported to the Texas Water Development Board.

Table 9. Wholesale Water Delivery (in acre-feet)

YEAR	TREATED WATER
2019	992.94
2020	1,072.57
2021	905.06
2022	1,196.72
2023	1,296.41
<b>TOTAL</b>	<b>5,463.69</b>

**B. Projected Water Demands**

According to the latest Region G Water Plan (2021), the City’s total water demand (retail and wholesale) is expected to increase from 20,095 acft/yr (2020) to 23,231 acft/yr (2030).<sup>2</sup> The existing contract with the Brazos River Authority is expected to reliably meet the increase in demand projected over the next decade –barring prolonged emergency drought conditions.

**3. WATER SUPPLY SYSTEM DATA**

**A. Water Supply Sources**

The City maintains Run of the River water rights for 12,500 acft/yr from a reservoir on the Leon River, and the City purchases an additional 31,953 acft/yr from the Brazos River Authority from Lake Belton. Raw water diversions from the Leon River are metered, calculated, and recorded at a minimum of once a day as part of the treatment control process.

*Table 10. Water Supply Sources*

WATER TYPE	SOURCE	AMOUNT AUTHORIZED (ACRE-FEET/YEAR)	
Surface Water	Leon River	Brazos River Authority Contracts:	
		Run of the River	12,500
		Storage Agreement	20,000
		Option Contract	9,453
		System Rate	2,500
		<b>44,453</b>	

**B. Treatment and Distribution System**

**Designed Daily Capacity of System:**

The City’s two water treatment plants have a total design daily capacity of 55 MGD.

**Elevated Storage:**

The City has 13.5 MG in elevated storage.

**Ground Storage:**

The City has 14.82 MG in ground storage.

**Water System Description**

The City has two (2) water treatment plants. One plant is a conventional treatment plant equipped with four (4) up-flow clarifiers and eight (8) gravity filters with a maximum treatment capacity of 30 million gallons per day (MGD). The second treatment plant is a micro-filtration pall membrane treatment plant

<sup>2</sup> 2021 Brazos G Regional Water Plan, Volume I, Section 2.3.



equipped with 17 racks of micro-filtration modules. Eleven (11) racks are outfitted with 82 modules and six (6) racks are outfitted with one hundred fifty-six (156) modules. All modules are manufactured by Pall. The membrane plant has a maximum capacity of 25 MGD at 20 degrees Celsius.

The conventional treatment plant has two clearwells (3.2 MG and 2.4 MG) onsite that can capture and store treated effluent water. The membrane plant also has two clearwells (1.11 MG each) for storing treated effluent water. Treated water is stored in the clearwells until demand calls for water to be transferred into the distribution system's point of entry. In addition, there are twelve (12) water towers throughout the City totaling 13.5 MG of elevated storage.

Filter backwash water from both the conventional and membrane treatment plants is recycled to the head of the plant and retreated.

#### 4. WASTEWATER SYSTEM DATA

The City is served by two wastewater treatment plants: Doshier Farm Wastewater Treatment Plant and Temple-Belton Wastewater Treatment Plant.

##### A. Doshier Farm Wastewater Treatment Plant

##### 1. Wastewater System Data

Doshier Farm Wastewater Treatment Plant: TPDES Permit No. WQ0010470002

The Doshier Farm Wastewater Treatment Plant is owned by the City of Temple and operated by the Brazos River Authority. Treated wastewater is either used as Type I or Type II reuse, or it is discharged as effluent into an unnamed tributary which flows into Little Elm Creek.

##### Designed Daily Capacity of wastewater treatment plant:

Doshier Farms total design daily capacity of 7.5 MGD.

##### Treated effluent is used for:

- On-site irrigation
- Off-site irrigation (average 1.2 MG per month)
- Plant wash-down
- Chlorination/dechlorination
- Off-site Type II Power Plant Cooling

Average amount (per month): 26 MG

##### 2. Wastewater Data for Service Area

The Doshier Farm Wastewater Treatment Plant serves approximately 25% of the City's water system service area.

Table 11. Doshier Farm: Monthly Volume of Treated Wastewater (in 1,000 gallons)

YEAR	2019	2020	2021	2022	2023
January	139,669	58,254	84,774	67,093	65,796
February	70,099	62,122	88,575	78,096	78,432
March	68,542	83,229	77,541	35,264	74,360
April	99,501	88,438	65,148	70,456	100,053
May	189,718	66,276	109,719	74,772	122,265
June	100,423	53,259	123,132	59,413	77,618
July	74,375	52,815	126,175	60,576	66,828
August	56,430	48,670	71,022	62,083	64,430
September	53,602	92,408	56,347	56,049	58,354
October	54,056	53,543	71,991	57,933	71,441
November	52,284	51,168	62,572	70,970	73,127
December	56,219	60,738	66,036	67,786	93,278
<b>TOTAL</b>	<b>1,014,918</b>	<b>770,920</b>	<b>1,803,045</b>	<b>760,491</b>	<b>945,982</b>

**B. Temple-Belton Wastewater Treatment Plant**

**1. Wastewater System Data**

Temple-Belton Wastewater Treatment Plant: TPDES Permit No. WQ0011318001

The Temple-Belton Wastewater Treatment Plant is co-owned by the City of Temple and the City of Belton, and it is operated by the Brazos River Authority. Treated wastewater is either used as Type I or Type II reuse, or it is discharged as effluent into Nolan Creek Segment No. 1218.

**Designed Daily Capacity of wastewater treatment plant:**

Temple-Belton total design daily capacity of 10.0 MGD.

**Treated effluent is used for:**

- On-site irrigation
- Plant wash-down
- Chlorination/dechlorination
- Off-site Type II Power Plant Cooling
- Sludge Compost Process (12,000 Gallons per month)

Average amount (in gallons per month): 105 MG

**2. Wastewater Data for Service Area**

The Temple-Belton Wastewater Treatment Plant serves approximately 75% of the City’s water system service area.

*Table 12. Temple-Belton: Monthly Volume of Treated Wastewater (in 1,000 gallons)*

YEAR	2019	2020	2021	2022	2023
January	336,190	199,790	261,400	216,300	222,060
February	201,430	211,170	242,180	227,610	243,860
March	204,290	267,499	232,380	221,900	233,570
April	252,160	305,404	214,280	233,450	293,180
May	400,120	222,330	277,830	233,160	353,850
June	240,180	197,050	295,100	205,670	228,570
July	203,810	193,010	282,990	212,220	218,730
August	188,350	194,600	394,331	221,810	220,670
September	176,610	266,600	204,290	215,070	216,790
October	188,510	212,320	216,110	214,830	238,210
November	183,970	199,737	210,480	234,350	230,020
December	185,800	209,440	215,420	223,060	244,960
<b>TOTAL</b>	<b>2,761,420</b>	<b>2,678,950</b>	<b>3,046,791</b>	<b>2,659,430</b>	<b>2,944,470</b>

# WATER CONSERVATION PLAN

## 1. WATER CONSERVATION GOALS

The purpose of this section is to identify water conservation opportunities, potential targets, and goals. The City established the following 5-year and 10-year water conservation goals to generate enough water savings to extend the life of the existing supply without burdening customers with higher costs.

The projected reductions are shown at five and ten-year increments, as required by 30 Tex. Admin. Code § 288. These targets and goals will be updated every five years, or whenever the Plan is revised. The goals are based on the recommendation of a 1% reduction each year in gallons per capita per day (GPCD). It should be noted that all the performance indicators outlined below are developed assuming a year of average rainfall.

Overall progress toward conservation goals for reducing consumption, loss, waste, and peak demand will be evaluated annually when the water conservation annual report is completed, per TCEQ requirements.

Table 13. Five & Ten-Year Water Conservation Goals

	HISTORIC 5-YEAR AVERAGE	BASELINE	GOALS	
			FY 2029	FY 2034
Total (GPCD)	185	185	176	167
Total Residential (GPCD)	98	98	93	88
Water Loss (GPCD)	29	29	25	23
Water Loss (%)	16%	16%	14.2%	14.00%

Table 13: Total and Residential GPCD goals were determined by calculating an annual 1% reduction in GPCD from the baseline year, 2023. GPCD is calculated using following method:

$$Total\ GPCD = \frac{\left(\frac{Total\ Water\ Produced - Wholesale\ Water\ Sales}{Service\ Area\ Population}\right)}{365}$$

$$Residential\ GPCD = \frac{\left(\frac{Residential\ Water\ Sales}{Service\ Area\ Population}\right)}{365}$$

## 2. REQUIRED CONSERVATION MEASURES

### A. Record Management Program

The City uses an electronic billing system to monitor and maintain records of water deliveries and sales. The Utility Business Office (UBO), which is overseen by the Finance Department, maintains electronic records of customer connections, water sales, population data, and wholesale water sales/contracts. In addition, the City’s water treatment plant maintains daily records of the amount of water diverted and treated.

## **B. Metering Devices**

The City maintains meters to ensure that accurate readings (accuracy within plus or minus 5%) are recorded. The City uses positive displacement meters that meet AWWA standards. The most common meter size in the City is 5/8" x 3/4".

## **C. Universal Metering**

The City requires meters for all connections and bills by volume of use. Residential, commercial, institutional, industrial, and agricultural use is metered by permanent meter installations that are maintained by City personnel. Construction use is metered via fire hydrant meters. In addition to metering of customer connections, the amount of raw water the City diverts from the Leon River is metered as an essential part of the City's treatment control process.

The City's Metering Division has an ongoing program for meter replacement and testing.

- Meter Change-Out Program – Meters that have been in service for ten years or longer are scheduled for replacement.
- Meter Accuracy Testing – Meters that are 3" or larger are tested on an annual basis. Meters that fail to meet AWWA standards are either repaired or replaced.

## **D. Unaccounted-For Water Use**

The City's Utility Division performs periodic visual inspections along distribution lines and maintains accurate records of water leaks and line repairs. Leaking water lines are repaired or replaced as quickly as possible. In situations where repair is not immediately possible, water loss is mitigated by reduction of pressure. On-call, after-hours crews respond to and repair emergency water leaks at all hours.

The City compares daily water diversion amounts with daily water treatment production to determine water loss prior to distribution. Water production amounts are compared to metered water sales to determine distribution water loss. The City also measures and collects data on water use for firefighting, construction, and main flushing. The City's Utility Division uses the data listed above to determine the amount of unaccounted-for water use. This information is reported in the Water Loss Audit, which is submitted to the Texas Water Development Board every year by May 1<sup>st</sup>.

## **E. Continuing Public Education & Information**

Various staff members within the Public Works Department and Utility Business Office provide education programs for schools, service groups, and non-profit local organizations. Water conservation education efforts include tours of Public Works facilities, educational information published on the City's website and various social media outlets, presentations at area schools and businesses, and environmental education events.

In addition to year-round public education efforts, as the high-use season of summer approaches, these efforts are increased and expanded. Just prior to and during the summer months, press releases are issued regarding the City's Water Conservation Plan and Drought Contingency Plan.

The City’s Department of Public Works produces outreach materials in the form of:

- Brochures
- Newsletter articles
- Media releases
- Public service announcements
- Social media blasts
- Electronic messaging

Notices regarding water conservation are inserted in all customer bills, and items promoting conservation may be offered as “give-away” items at public events or speaking engagements.

**F. Non-Promotional Water Rate Structure**

The City’s current rate structure offers uniform rates for service and was last revised October 2023. The rate structure is evaluated on an ongoing basis, and adjustments are made, as appropriate, in consideration of conservation needs.

*Table 14. City of Temple Water Rates  
(effective October 1, 2023 per Resolution No. 2023-0297-R)*

METER SIZE	RATE
¾ inch	\$11.75
1 inch	\$18.75
1 ½ inches	\$23.75
2 inches	\$75.50
3 inches	\$150.75
4 inches	\$235.50
6 inches	\$753.50
8 inches	\$1,318.25
10 inches	\$2,071.25
<b>Volume Unit Charge (per 1,000 gallons)</b>	
Straight Volumetric Rate (above 2,000 gallons)	\$3.20

**G. Reservoir Systems Operations Plan**

The City does not operate any reservoirs. The City’s water supply source, the Leon River, is fed by the Belton Lake Reservoir, which is operated by the U.S. Army Corps of Engineers.

**H. Enforcement Procedures and Plan Adoption**

The authority to implement and enforce this plan is granted by the City Council in accordance with the City Charter, Section 3.7, *Exclusive Right to Own, Maintain, and Operate Water Utility*. The City Council officially adopted this Plan during a regular Council meeting on April 18, 2024. A copy of the resolution adopting this 2024 update to the City’s Water Conservation Plan is provided in Appendix B.

**I. Coordination with the Regional Water Planning Group**

The City is located within the Brazos G Regional Water Planning Area. This Plan is consistent with the most recent Regional Water Plan (2021 Brazos G Regional Water Plan) and meets the standards for water conservation planning as outlined in 30 Tex. Admin. Code § 288. The City will provide a copy of this Plan to the regional water planning group. A copy of the transmittal letter will be included with submission of this plan to TCEQ.

**J. Plan Review and Update**

The City’s Utility Division reviews the Water Conservation Plan annually and updates the plan as necessary to reflect changes in the City’s water conservation policy. The Utility Profile and Water Conservation Plan are reviewed and updated every five years in accordance with the requirements of TCEQ under 30 Tex. Admin. Code § 288. The next revision of the plan is expected no later than May 1, 2029.

**3. ADDITIONAL REQUIREMENTS FOR LARGE SUPPLIERS**

**A. Leak Detection and Repair**

Measures to control water loss are part of the routine operations of the City. Metering personnel and utility operations crews watch for and report signs of illegal connections. Utility crews look for evidence of leaks in the distribution system, and they respond quickly to repair leaks reported by the public and City staff. Areas of the water distribution system in which numerous leaks and line breaks occur are targeted for replacement as funds are available through Capital Improvement Project funds.

**B. Contract Requirements for Successive Customer Conservation**

In the event that a wholesale water contract is renewed, extended, or amended, it shall be a requirement that the wholesale customer develop and implement a water conservation plan.

- This requirement shall be made a part of the contract.
- If the wholesale customer intends to resell the water, a contract between the initial supplier and wholesale customer must provide that the contract for resale of the water have a water conservation requirement, so that each successive customer in the resale of the water will be required to implement conservation measures in accordance with 30 Tex. Admin. Code § 288.
- It shall also be a contract provision in every water wholesale contract entered into or renewed after the adoption of this Water Conservation Plan, that in case of water shortage, potable water must be distributed in accordance with Texas Water Code § 11.039.

**4. ADDITIONAL CONSERVATION STRATEGIES**

**A. Water Reuse**

The City achieves substantial water savings by providing direct reuse to one of the City’s top water users, Panda Power. Since 2019, the City has provided over 7 billion gallons of reclaimed wastewater to Panda Power to use in their power plant cooling towers. In addition, the City uses reclaimed

wastewater to supplement irrigation at Wilson Park and the City’s tree farm on the east side of Temple. Over the last five years, over 84 MG has been reused for this purpose.

Table 15. City of Temple Reuse – in gallons

YEAR	PANDA POWER REUSE		CITY OF TEMPLE REUSE	TOTAL ANNUAL REUSE*	
	DOSHIER FARM	TEMPLE-BELTON	DOSHIER FARM		
2019	433,478,000	777,878,000	15,817,000	1,227,173,000	23%
2020	376,069,000	908,861,000	17,500,000	1,302,430,000	23%
2021	561,777,000	776,054,000	14,965,000	1,352,796,000	25%
2022	495,853,000	1,076,283,000	23,558,000	1,595,694,000	24%
2023	608,913,000	1,256,470,000	12,443,000	1,877,826,000	28%
<b>TOTAL</b>	<b>2,476,090,000</b>	<b>4,795,546,000</b>	<b>84,283,000</b>	<b>7,355,919,000</b>	<b>25%</b>

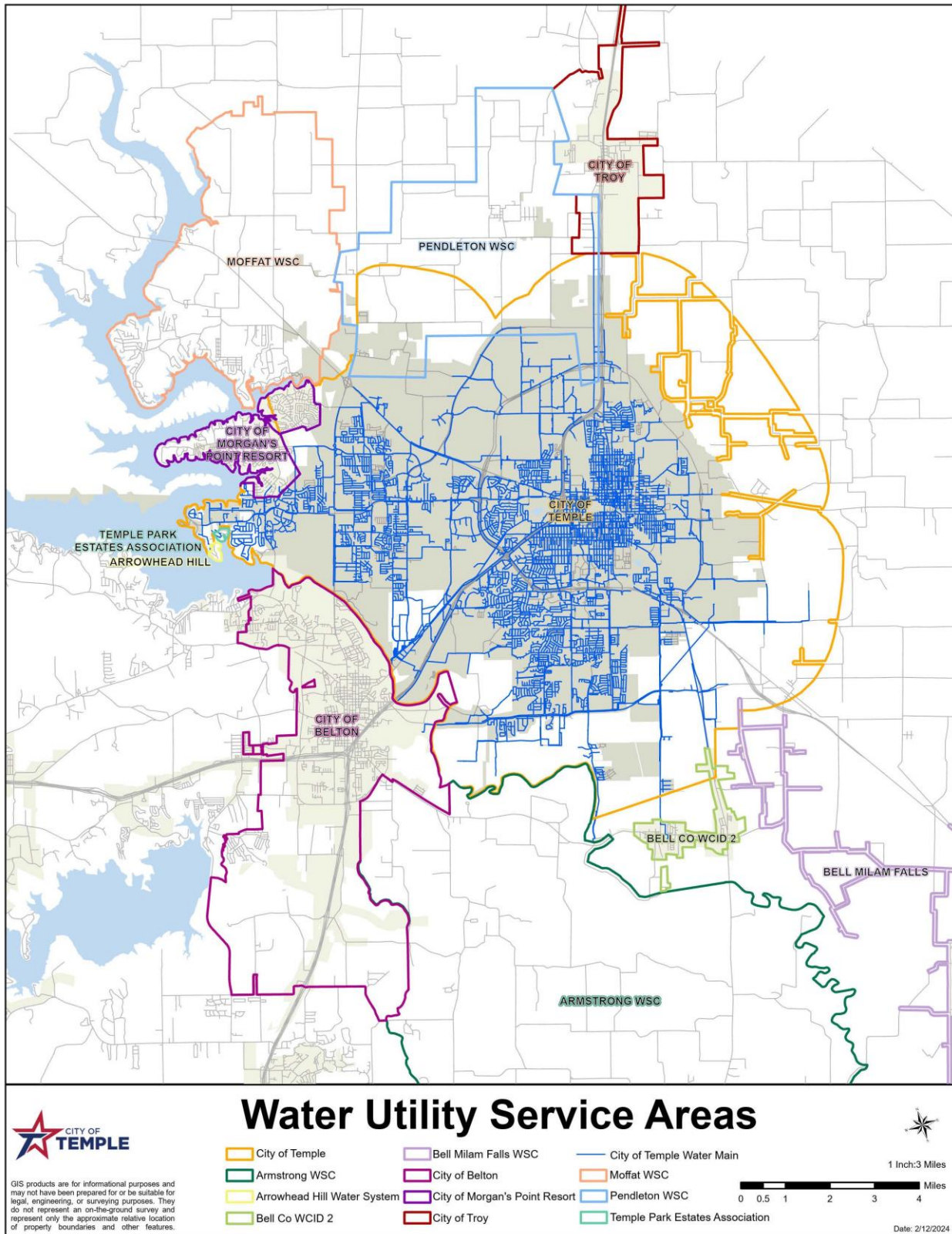
\* Reuse as a percent of total system input

**B. Golf Course Conservation**

The City’s municipal golf course, Sammons Golf Course, uses no potable water for irrigation. Instead, each year the City uses about 40 million gallons of raw water from Lake Polk to water the course. In the future, the City may consider piping reuse to the golf course to supplement the raw water drawn from Lake Polk.



# Appendix A – Utility Service Area & CNN Map (As of January 30, 2024)



## Appendix B – Water Conservation Plan Resolution

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### ORDINANCE NO. 2024-0016-O

AN ORDINANCE OF THE CITY OF TEMPLE, TEXAS, UPDATING THE CITY OF TEMPLE'S WATER CONSERVATION PLAN; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A REPEALER; PROVIDING AN EFFECTIVE DATE; AND PROVIDING AN OPEN MEETINGS CLAUSE.

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Whereas, Title 30, Chapter 288 of the Texas Administrative Code requires wholesale public water suppliers and retail public water suppliers serving 3,300 connections or more to adopt and submit water conservation plans to the Texas Commission on Environmental Quality;

Whereas, in March 2000, the City Council adopted the City's initial Water Conservation and Drought Contingency Plan, last updated in 2019, which provides a mechanism for conservation of available water supply, protection of the integrity of water supply facilities, and protection of the public's health, safety, and welfare;

Whereas, the proposed update considers use and loss over the past five years and provides new goals for the next ten years, based on two five-year periods - the proposed goals are based on achieving and sustaining a total loss off 14.0 percent, and include:

- Reducing consumption;
- Reducing loss and waste;
- Reducing summer peak demand;
- Improving efficiency in use;
- Increasing recycling and reuse; and
- Extending the life of current water suppliers.

Whereas, the plan meets the requirements of the Texas Administrative Code and recommends goals that are achievable, practical, and sustainable; and

Whereas, the City Council has considered these matters and deems it in the public interest to authorize these actions.

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF TEMPLE, TEXAS, THAT:**

**Part 1: Findings.** All of the above premises are hereby found to be true and correct legislative and factual findings of the City Council of the City of Temple, Texas, and they are hereby approved and incorporated into the body of this Ordinance as if copied in their entirety.

**Part 2:** The City Council adopts the City of Temple's Water Conservation Plan, which is attached hereto as Exhibit A and is incorporated herein for all purposes.

**Part 3:** All ordinances or parts of ordinances in conflict with the provisions of this Ordinance are, to the extent of such conflict, hereby repealed.

Part 4: It is hereby declared to be the intention of the City Council that the sections, paragraphs, sentences, clauses, and phrases of this Ordinance are severable and, if any phrase, clause, sentence, paragraph, or section of this Ordinance should be declared invalid by the final judgment or decree of any court of competent jurisdiction, such invalidity shall not affect any of the remaining phrases, clauses, sentences, paragraphs, and sections of this Ordinance, since the same would have been enacted by the City Council without the incorporation in this Ordinance of any such invalid phrase, clause, sentence, paragraph, or section.

Part 5: This Ordinance shall take effect immediately from and after its passage in accordance with the provisions of the Charter of the City of Temple, Texas, and it is accordingly so ordained.

Part 6: It is hereby officially found and determined that the meeting at which this Ordinance was passed was open to the public as required and that public notice of the time, place, and purpose of said meeting was given as required by the Open Meetings.

**PASSED AND APPROVED** on First Reading and Public Hearing on the 4<sup>th</sup> day of April, 2024.

**PASSED AND APPROVED** on Second and Final Reading on the 18<sup>th</sup> day of April, 2024.

THE CITY OF TEMPLE, TEXAS

DocuSigned by:  
*Timothy A. Davis*  
TIMOTHY A. DAVIS, Mayor

APPROVED AS TO FORM:

DocuSigned by:  
*Kathryn H. Davis*  
Kathryn H. Davis  
City Attorney

ATTEST:

DocuSigned by:  
*Jana Lewellen*  
Jana Lewellen  
City Secretary