

WATER CONSERVATION PLAN CITY OF FARMERS BRANCH, TEXAS

1.0 INTRODUCTION

The City of Farmers Branch (“the City”) recognizes that water is an essential resource for sustaining the growth and vitality of the City, the region and the State of Texas. Conserving water and avoiding water waste are important for the long-term sustainability of the City. This document sets forth the Water Conservation Plan of the City of Farmers Branch (referred to hereafter as “the Plan” or “this Plan”) adopted in compliance with the requirements of the Texas Commission on Environmental Quality rules contained in Title 30, Chapter 288 of the Texas Administrative Code. The objective of this Plan is to reduce the unnecessary consumption of water, reduce the loss or waste of water from the City’s water system and by City’s water customers, and improve efficiency in the use of water within the City.

2.0 APPLICATION

The provisions of this Plan shall apply to all persons, customers and properties utilizing water provided by the City. The terms “person” and “customer” as used in this Plan include individuals, corporations, partnerships, associations, and all other legal entities. This Plan is adopted and placed into effect by the City Council of the City of Farmers Branch.

In addition to this Plan, the City also has a Drought Contingency Plan providing for enforcement and penalties. Copies of the Drought Contingency Plan are available from the City upon request and can be found in Chapter 86, Article II of the Code of Ordinances of the City of Farmers Branch, Texas.

3.0 WATER UTILITY PROFILE

Profile data for the City of Farmers Branch water and wastewater systems is provided in Appendix “A”. This information includes population and customer data, water use data, water supply system data, and wastewater system data.

4.0 GOALS

As a result of that certain *Wholesale Treated Water Contract* effective August 1, 2010, between City and the City of Dallas, the City has secured an ample water supply to provide for the projected present and future needs of City’s customers. The City’s budget is structured such that operational and debt service needs depend upon revenues allocated from water sales. The City has an increasing block rate water structure that is intended to encourage water conservation and discourage excessive use and waste of water.

The City recognizes the state’s goals of water conservation and generally supports those goals. Therefore, the following goals are stated as guidelines for the City relative to achieving the conservation of water in conjunction with the operation of City’s water distribution system:

- 1) Encourage the conservation of water through a public education campaign utilizing the media, mail-outs and other avenues. Conservation messages will be conveyed at the times of the year when water use is expected to increase.
- 2) Continue to induce water conservation via rate structures.
- 3) Continue vigilance in preventive maintenance and active efforts to reduce water losses.
- 4) Maintain the City's ongoing meter testing and meter replacement programs.
- 5) Reduce the City's total per capita water consumption by up to one percent in five years, equating to a 2.8 gallon per capita per day (gpcd) reduction (5-year average annual gpcd of 283 multiplied by 1%), resulting in a 5-year goal of 280 gpcd in 2019, and by up to two percent in ten years, equating to a 5.6 gpcd reduction, resulting in a 10-year goal of 277 gpcd in 2024.
- 6) Reduce the City's residential per capita water consumption by up to one percent in five years, equating to a 1.1 gallon per capita per day (gpcd) reduction (5-year average annual gpcd of 110 multiplied by 1%), resulting in a 5-year goal of 109 gpcd in 2019, and by up to two percent in ten years, equating to a 2.2 gpcd reduction, resulting in a 10-year goal of 108 gpcd in 2024.
- 7) Reduce unaccounted for water from water production to the customers on the system by up to three percent in five years, equating to a 1.6 gpcd reduction (5-year average annual gpcd of 54 multiplied by 3%), resulting in a 5-year goal of 52 gpcd in 2019, and by up to five percent in ten years, equating to a 2.7 gpcd reduction, resulting in a 10-year goal of 51 gpcd in 2024.

The achievement of these goals assumes that customers will respond to conservation messages and population growth will occur to compensate for revenue losses.

5.0 REVIEW AND MODIFICATION OF PLAN

This Plan is subject to periodic review and modification as necessary.

6.0 SERVICE AREA DESCRIPTION

6.1 General

The City of Farmers Branch is an incorporated municipality in the State of Texas whose City limits include approximately 12.1 square miles. The City provides water and sewer service to an approximate residential population of 29,368 people, and the City has an estimated daytime (combined residential and employment) population of 62,756 (US Census Bureau, Commuter Adjusted Daytime Population: 2006-2010 5-year ACS). All service provided by the City is within Dallas County, which is one of 16 counties that make up Regional Water Planning Group C as defined by the State of Texas and

administered by the Texas Water Development Board (TWDB) and the Texas Commission on Environmental Quality (TCEQ).

Population Data:

2012 – 29,368 (US Census Bureau, State & County QuickFacts)

Projected Population:

2020 – 30,613 (TWDB)

2030 – 32,509 (TWDB)

2040 – 34,455 (TWDB)

2050 – 36,567 (TWDB)

2060 – 38,625 (TWDB)

6.2 Water

Water sources: Dallas Water Utilities (DWU)

Delivery Points:

Delivery Point 1:

Belt-Marsh Pump Station – 17.3 Million Gallons per day.

Delivery Point 2:

Wicker Pump Station – 26 Million Gallons per day.

Distribution System:

9,855 total metered connections in December of 2013 (includes all rate classes). System is 100% metered.

209 miles of pipe in the system:

Pipe sizes range from 4” to 24”

Elevated storage tanks:

One (1) 2 Million Gallon Elevated Tank

Three (3) 1.5 Million Gallon Elevated Tanks

Ground storage tanks:

Two (2) 5 Million Gallon Storage Tanks

Two (2) 1 Million Gallon Storage Tanks (one is for emergency use only)

6.3 Wastewater

The City currently maintains four (4) lift stations and force mains. These facilities transfer collected wastewater to existing gravity flow lines connecting into the Trinity River Authority (TRA) collection system, which in turn discharges to the TRA Central Wastewater Treatment Plant.

7.0 MEASUREMENT AND ACCOUNTING FOR WATER DELIVERIES

7.1 Master Meters

The Belt-Marsh Pump Station and Wicker Street Pump Station master meters measure the water pumped into the City's distribution system from Dallas Water Utilities' system. The meters are owned and monitored by Dallas Water Utilities. Calibration is performed quarterly by Dallas Water Utilities. Each meter is maintained to perform with commercial accuracy (+/- 2%).

7.2 Universal Meters

Water usage for all customers of the City of Farmers Branch, including public and governmental users, is metered. Meters range in size from 3/4" to 8". All meters are designed to provide accurate flows to within 5%. The City has the following programs for meter testing, meter maintenance and meter replacement:

- 1) 3/4 inch to 2 inch meters: If the City notices anomalies in readings, meters are checked and replaced as needed. Meter replacements average approximately 300 per year. Also meters are replaced as the City's Automated Meter Reading (AMR) program is phased in.
- 2) 3 inch to 8 inch meters: The large meter testing program tests a certain number of meters annually. The City also conducts an annual large-meter replacement program that allows for the necessary repair of parts or the replacement of meters in their entirety. Furthermore, AMR endpoints are added to large meters as they are tested, repaired and replaced.

8.0 PUBLIC EDUCATION AND INFORMATION

Pursuant to an established program, the City will periodically provide the public with information about water conservation measures including information about the conditions under which conservation measures are to be employed. Means of public notice could include, but not be limited to, direct mailings, the City's cable TV channel, the City's website, the City's newsletter, email, and social media.

Promotional and educational materials may include material developed by the City as well as material obtained from the American Water Works Association, TWDB, TCEQ, and other sources.

9.0 WATER RATES

The City has established a tiered water rate structure for various monthly consumption levels and different water meter sizes. When a customer reaches a specified consumption, the rate increases for all water use above the specified gallonage. The City's water rate structure is as follows:

- Monthly rate minimum (first 2,000 gallons of water or less, all meter sizes): \$12.04 per unit, plus any applicable oversize meter charges.
- 2,001 – 10,000 gallons: minimum rate plus \$3.27 per 1,000 gallons.
- 10,001 – 20,000 gallons: minimum rate plus \$3.68 per 1,000 gallons.
- 20,001 gallons and over: minimum rate plus \$3.82 per 1,000 gallons.

Oversize Meter Rates

- $\frac{5}{8}$ – $\frac{3}{4}$ -inch meter: no additional charge
- 1-inch meter: \$4.82 per meter per month
- 1 $\frac{1}{2}$ -inch meter: \$9.65 per meter per month
- 2-inch meter: \$22.88 per meter per month
- 3-inch meter: \$120.45 per meter per month
- 4-inch meter: \$156.60 per meter per month
- 6-inch meter: \$240.90 per meter per month
- 8-inch meter: \$337.26 per meter per month

10.0 LEAK DETECTION AND REPAIR

City crews and personnel regularly look for and report evidence of leaks in the water distribution system. Repairs are made in a timely manner. Areas of the water distribution system in which numerous leaks and line breaks occur are targeted for replacement as funds become available.

11.0 WATER ACCOUNTING

The City does monthly auditing comparing the amount of water pumped from Dallas Water Utilities (DWU) with the amount of water distributed through metered sales. A report is prepared outlining the monthly variance in percentage of water loss. The City also performs an annual audit comparing the same data on a calendar year basis. Periodic visual inspections along distribution lines and other preventative maintenance measures will also determine and control water loss.

12.0 PLUMBING CODES OR RULES ON WATER-CONSERVING FIXTURES

The State of Texas has required water-conserving fixtures in new construction and renovations since 1992. State (and similar federal) standards, including the 2012 International Residential Code (2012 IRC), adopted by the City, call for flows of no more than 2.2 gallons per minute (gpm) for faucets, 2.5 gpm for showerheads, and 1.6 gallons per flush for toilets (ref. Sec.

P2903.2 2012 IRC). These state and federal standards assure that all new construction and renovations in the City will use water-conserving fixtures. Additionally, all new irrigation systems must be in compliance with state design and installation regulations.

13.0 REPORTING AND PERIODIC EVALUATION

The City, through adoption of this Plan, commits to report annually to the Executive Administrator of the Texas Water Development Board on the implementation, status and effectiveness of the Plan. The Director of Public Works of the City of Farmers Branch will periodically evaluate the Plan and prepare an annual report to the TWDB including the following information:

- 1) Progress in the Water Conservation Plan implementation.
- 2) Quantitative effectiveness in regard to:
 - a) Five and ten year goals for reducing total per capita water consumption.
 - b) Five and ten year goals for reducing unaccounted for water from water production to the customers on the system.
- 3) Public Education and Information Program

The City, through adoption of this Plan, commits to implement a record management system in order to record water pumped, and water sales for each of the following user classes:

- 1) Residential Single Family
- 2) Residential Multi-family
- 3) Commercial/Institutional/Industrial
- 4) Municipal

If the City chooses to utilize project financing by the TWDB to furnish water or wastewater services to another entity that will furnish services to end-users, the requirements for the Plan shall be met through contractual agreement between the entities at the earliest of the original execution, renewal or substantial amendment of the contract. The entity or entities furnishing end-user services would develop and adopt a Water Conservation Plan consistent with the requirements as described for the City.

Other water conservation incentive programs may be enacted in the future. Such programs could include:

- 1) Low-flow toilet replacement and rebate programs

- 2) Rebates for rain/freeze sensors on irrigation systems
- 3) Low-flow showerhead and sink aerator replacement programs
- 4) Implementation of seasonal or peaking water rates

14.0 AUTHORIZATION, IMPLEMENTATION AND ENFORCEMENT

Authorization for the establishment, implementation and enforcement of the Water Conservation Plan of the City of Farmers Branch is by City Resolution. A copy of the adopting resolution is provided in Appendix “B”. The City Manager, or his or her designee, is authorized and directed to implement and enforce this Water Conservation Plan.

15.0 COORDINATION WITH REGIONAL WATER PLANNING GROUP

The water service area of the City of Farmers Branch is located within the Region C Regional Water Planning Group area and a copy of the Plan was provided to the Region C Regional Water Planning Group (RWPG) upon adoption. A copy of the letter accompanying the Water Conservation Plan delivered to the RWPG is provided in Appendix “C”.

APPENDIX “A”
TEXAS WATER DEVELOPMENT BOARD UTILITY PROFILE
FOR THE CITY OF FARMERS BRANCH, TEXAS

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

Fill out this form as completely as possible.
If a field does not apply to your entity, leave it blank.

CONTACT INFORMATION

Name of Utility: City of Farmers Branch

Public Water Supply Identification Number (PWS ID): 0570047

Certificate of Convenience and Necessity (CCN) Number: _____

Surface Water Right ID Number: _____

Wastewater ID Number: _____

Completed By: John Roach Title: Special Projects Manager

Address: P.O. Box 819010 City: Farmers Branch Zip Code: 75381-9010

Email: john.roach@farmersbranchtx.gov Telephone Number: 972.919.2597

Date: 04.15.2014

Regional Water Planning Group: C [Map](#)

Groundwater Conservation District: _____ [Map](#)

Check all that apply:

- ☐ Received financial assistance of \$500,000 or more from TWDB
- ☒ Have 3,300 or more retail connections
- ☐ Have a surface water right with TCEQ

Section I: Utility Data

A. Population and Service Area Data

- Current service area size in square miles: 12
(Attach or email a copy of the service area map.)
- Provide historical service area population for the previous five years, starting with the most current year.

Year	Historical Population Served By Retail Water Service	Historical Population Served By Wholesale Water Service	Historical Population Served By Wastewater Service
2013	29,368	0	29,368
2012	29,368	0	29,368
2011	28,600	0	28,600
2010	28,616	0	28,616
2009	28,616	0	28,616

- Provide the projected service area population for the following decades.

Year	Projected Population Served By Retail Water Service	Projected Population Served By Wholesale Water Service	Projected Population Served By Wastewater Service
2020	30,613	0	30,613
2030	32,509	0	32,509
2040	34,455	0	34,455
2050	36,567	0	36,567
2060	38,625	0	38,625

- Describe the source(s)/method(s) for estimating current and projected populations.

2. Population for the Previous Five Years:
2012 from 2010 US Census data, 2013 assumed to be the same.
2011 NCTCOG.
2010 adjusted from 31,300 to 28,616 by NCTCOG to reflect US Census Bureau figure from April 1, 2010. 2009 assumed to be the same.

3. Population for the Following Decades:
2016 Regional Water Plan Population Projections for 2020-2070, Region C
Texas Water Development Board
<http://www.twdb.state.tx.us/waterplanning/data/projections/2017/doc/Population/PopulationByRWPG/4PopulationC.pdf>38625

B. System Input

Provide system input data for the previous five years.

Total System Input = Self-supplied + Imported – Exported

Year	Self-supplied Water in Gallons	Purchased/Imported Water in Gallons	Exported Water in Gallons	Total System Input	Total GPCD
2013	0	2,692,363,000	0	2,692,363,000	251
2012	0	3,087,190,000	0	3,087,190,000	288
2011	0	3,249,536,000	0	3,249,536,000	311
2010	0	2,974,007,000	0	2,974,007,000	285
2009	0	2,923,179,000	0	2,923,179,000	280
Historic 5-year Average	0	2,985,255,000	0	2,985,255,000	283

C. Water Supply System (Attach description of water system)

- Designed daily capacity of system 42,390,000 gallons per day.
- Storage Capacity:
Elevated 6,500,000 gallons
Ground 11,000,000 gallons
- List all current water supply sources in gallons.

Water Supply Source	Source Type*	Total Gallons
Dallas Water Utilities	Contract	2,692,363,000
	Choose One	
	Choose One	
	Choose One	
	Choose One	
	Choose One	

*Select one of the following source types: *Surface water, Groundwater, or Contract*

- If surface water is a source type, do you recycle backwash to the head of the plant?
☐ Yes _____ estimated gallons per day
☐ No

D. Projected Demands

1. Estimate the water supply requirements for the next ten years using population trends, historical water use, economic growth, etc.

Year	Population	Water Demands (gallons)
2014	30,603	2,803,693,845
2015	31,838	2,916,838,370
2016	33,073	3,029,982,895
2017	34,308	3,143,127,420
2018	35,543	3,256,271,945
2019	36,778	3,369,416,470
2020	38,013	3,482,560,995
2021	39,248	3,595,705,520
2022	40,483	3,708,850,045
2023	41,718	3,821,994,570

2. Describe sources of data and how projected water demands were determined. Attach additional sheets if necessary.

Section I, D.1. Population Projections & Water Demand:

2013 assumed same as 2012 from 2010 US Census data. 2020 from TWDB projection of 30,613 plus assumed 7,400 additional residents based on on-going and future known multi-family community activity for a total of 38,013 in 2020. Other figures interpolated.

Used average Total gpcd for 2013 of 251 multiplied by the projected populations.

E. High Volume Customers

1. List the annual water use, in gallons, for the five highest volume **RETAIL customers**. Select one of the following water use categories to describe the customer; choose Residential, Industrial, Commercial, Institutional, or Agricultural.

Retail Customer	Water Use Category*	Annual Water Use	Treated or Raw
Maxim Integrated Products	Commercial	77,937,000	Treated
Brookhaven Country Club	Commercial	65,709,000	Treated
Cooks Creek Apartments	Residential	63,802,000	Treated
Dallas Medallion Hotel	Commercial	24,155,000	Treated
Parish Episcopal School	Commercial	22,315,000	Treated

*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

2. If applicable, list the annual water use for the five highest volume **WHOLESALE customers**. Select one of the following water use categories to describe the customer; choose Municipal, Industrial, Commercial, Institutional, or Agricultural.

Wholesale Customer	Water Use Category*	Annual Water Use	Treated or Raw
n/a	Choose One	0	Choose One
n/a	Choose One	0	Choose One
n/a	Choose One	0	Choose One
n/a	Choose One	0	Choose One
n/a	Choose One	0	Choose One

*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

F. Utility Data Comment Section

Provide additional comments about utility data below.

Section I, C.3: Total gallons supplied by City of Dallas is Water Purchased for 2013 from Utility Billing Reports.

Section II: System Data

A. Retail Connections

1. List the active retail connections by major water use category.

Water Use Category*	Active Retail Connections			
	Metered	Unmetered	Total Connections	Percent of Total Connections
Residential – Single Family	7,515	0	7,515	76%
Residential – Multi-family (units)	260	0	260	3%
Industrial	0	0	0	0%
Commercial	1,793	0	1,793	18%
Institutional	287	0	287	3%
Agricultural	0	0	0	0%
TOTAL	9,855	0	9,855	

*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

2. List the net number of new retail connections by water use category for the previous five years.

Water Use Category*	Net Number of New Retail Connections				
	2013	2012	2011	2010	2009
Residential – Single Family	25	34	27	8	23
Residential – Multi-family (units)	330	0	336	333	0
Industrial	0	0	0	0	0
Commercial	3	12	0	24	-38
Institutional	0	0	0	0	
Agricultural	0	0	0	0	0
TOTAL	358	46	363	365	-15

*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

B. Accounting Data

For the previous five years, enter the number of gallons of RETAIL water provided in each major water use category.

Water Use Category*	Total Gallons of Retail Water				
	2013	2012	2011	2010	2009
Residential - Single Family	804,667,000	876,587,000	958,059,000	882,091,000	797,571,000
Residential - Multi-family	308,773,000	297,298,000	304,971,000	293,124,000	285,495,000
Industrial	0	0	0	0	0
Commercial	1,045,880,000	1,126,698,000	1,198,181,000	1,065,216,000	1,153,319,000
Institutional	80,628,000	120,315,000	128,449,000	104,688,000	82,929,000
Agricultural	0	0	0	0	0
TOTAL	2,239,948,000	2,420,898,000	2,589,660,000	2,345,119,000	2,319,314,000

*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

C. Residential Water Use

For the previous five years, enter the residential GPCD for single family and multi-family units.

Water Use Category*	Residential GPCD				
	2013	2012	2011	2010	2009
Residential - Single Family	110	115	130	127	100
Residential - Multi-family	92	97	99	107	117

D. Annual and Seasonal Water Use

- For the previous five years, enter the gallons of treated water provided to RETAIL customers.

Month	Total Gallons of Treated Retail Water				
	2013	2012	2011	2010	2009
January	155,878,000	104,054,000	126,159,000	106,155,000	141,279,000
February	107,238,000	118,351,000	119,923,000	124,982,000	132,803,000
March	121,355,000	110,816,000	125,141,000	105,926,000	150,363,000
April	127,299,000	117,313,000	145,394,000	119,757,000	165,176,000
May	150,337,000	159,193,000	176,672,000	136,666,000	158,436,000
June	176,157,000	235,512,000	198,790,000	205,142,000	155,910,000
July	227,174,000	260,581,000	284,081,000	290,549,000	215,708,000
August	244,548,000	312,603,000	336,104,000	262,228,000	325,498,000
September	331,247,000	334,436,000	386,264,000	362,809,000	306,546,000
October	254,425,000	282,629,000	318,788,000	251,395,000	250,961,000
November	180,047,000	197,486,000	210,149,000	216,335,000	164,695,000
December	164,243,000	187,924,000	162,195,000	163,175,000	151,939,000
TOTAL	2,239,948,000	2,420,898,000	2,589,660,000	2,345,119,000	2,319,314,000

2. For the previous five years, enter the gallons of raw water provided to RETAIL customers.

Month	Total Gallons of Raw Retail Water				
	2013	2012	2011	2010	2009
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0
TOTAL	0	0	0	0	0

3. Summary of seasonal and annual water use.

Water Use	Seasonal and Annual Water Use					Average in Gallons
	2013	2012	2011	2010	2009	
Summer Retail (Treated + Raw)	647,879,000	808,696,000	818,975,000	757,919,000	697,116,000	746,117,000 5yr Average
TOTAL Retail (Treated + Raw)	2,239,948,000	2,420,898,000	2,589,660,000	2,345,119,000	2,319,314,000	2,382,987,800 5yr Average

E. Water Loss

Provide Water Loss data for the previous five years.

Water Loss GPCD = [Total Water Loss in Gallons ÷ Permanent Population Served] ÷ 365

Water Loss Percentage = [Total Water Loss ÷ Total System Input] x 100

Year	Total Water Loss in Gallons	Water Loss in GPCD	Water Loss as a Percentage
2013	358,148,000	33	13%
2012	619,347,000	58	20%
2011	655,558,000	63	20%
2010	610,199,000	58	21%
2009	580,737,000	56	20%
5-year average	564,797,800	54	19%

F. Peak Water Use

Provide the Average Daily Water Use and Peak Day Water Use for the previous five years.

Year	Average Daily Use (gal)	Peak Day Use (gal)	Ratio (peak/avg)
2013	7,223,334	15,591,000	2.16
2012	8,434,901	16,075,000	1.91
2011	8,283,975	17,228,000	2.08
2010	7,918,372	15,452,000	1.95
2009	7,719,336	15,555,000	2.02

G. Summary of Historic Water Use

Water Use Category	Historic 5-year Average	Percent of Connections	Percent of Water Use
Residential SF	863,795,000	76%	0%
Residential MF	297,932,200	3%	0%
Industrial	0	0%	0%
Commercial	1,117,858,800	18%	0%
Institutional	103,401,800	3%	0%
Agricultural	0	0%	0%

H. System Data Comment Section

Provide additional comments about system data below.

The City of Farmers Branch purchases all water under contract from the City of Dallas, Dallas Water Utilities (DWU).

The City of Farmers Branch does not treat any wastewater. All wastewater is treated under contract by the Trinity River Authority (TRA).

Section II, C. Residential Water Use: Multi-family population estimated at 2.46 residents per unit (from 2010 US Census for rental unit occupancy) x units (from Community Services Dept.).

2013 2.46 x 3,755 units = 9,238 est. M-F residents.

2012 2.46 x 3,425 units = 8,426 "

2011 2.46 x 3,425 units = 8,426 "

2010 2.46 x 3,059 units = 7,525 "

2009 2.46 x 2,726 units = 6,706 "

Section II, F. Average Daily Use and Peak Day Use used Water Purchased data, not metered water sold as Peak Day Use data not available for metered water sold.

Section III: Wastewater System Data

If you do not provide wastewater system services then you have completed the Utility Profile. Save and Print this form to submit with your Plan. Continue with the [Water Conservation Plan Checklist](#) to complete your Water Conservation Plan.

A. Wastewater System Data (Attach a description of your wastewater system.)

- Design capacity of wastewater treatment plant(s): _____
gallons per day.
- List the active wastewater connections by major water use category.

Water Use Category*	Active Wastewater Connections			
	Metered	Unmetered	Total Connections	Percent of Total Connections
Municipal			0	0%
Industrial			0	0%
Commercial			0	0%
Institutional			0	0%
Agricultural			0	0%
TOTAL	0	0	0	

- What percent of water is serviced by the wastewater system? ____%
- For the previous five years, enter the number of gallons of wastewater that was treated by the utility.

Month	Total Gallons of Treated Wastewater				
	2013	2012	2011	2010	2009
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
TOTAL	0	0	0	0	0

4. Can treated wastewater be substituted for potable water?

☐ Yes ☐ No

B. Reuse Data

1. Provide data on the types of recycling and reuse activities implemented during the current reporting period.

Type of Reuse	Total Annual Volume (in gallons)
On-site irrigation	
Plant wash down	
Chlorination/de-chlorination	
Industrial	
Landscape irrigation (parks, golf courses)	
Agricultural	
Discharge to surface water	
Evaporation pond	
Other	
TOTAL	0

C. Wastewater System Data Comment

Provide additional comments about wastewater system data below.

The City of Farmers Branch does not treat any wastewater. All wastewater is treated under contract by the Trinity River Authority (TRA).

You have completed the Utility Profile. Save and Print this form to submit with your Plan. Continue with the [Water Conservation Plan Checklist](#) to complete your Water Conservation Plan.

**APPENDIX “B”
COPY OF CITY OF FARMERS BRANCH, TEXAS
RESOLUTION NO. 2014-031
ADOPTED MAY 20, 2014**



RESOLUTION NO. 2014-031

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF FARMERS BRANCH, TEXAS ADOPTING A WATER CONSERVATION PLAN; AND PROVIDING AN EFFECTIVE DATE

WHEREAS, Texas Water Code §13.146 requires the Texas Commission on Environmental Quality (“TCEQ”) to require retail public utilities that provide potable water service to 3,300 or more connections to submit to the Texas Water Development Board (“TWDB”) a water conservation plan based on specific targets and goals developed by the retail public utility and using appropriate best management practices, or other water conservation strategies; and

WHEREAS, Texas Water Code further requires that the City update and revise the Water Conservation Plan for the City of Farmers Branch every five years; and

WHEREAS, the City Staff has presented an updated Water Conservation Plan for the City of Farmers Branch prepared in accordance with the provisions of Title 30, Ch. 288, Subch. A of the Texas Administrative Code which sets forth the requirements for a water conservation plan; and

WHEREAS, the City Council of the City of Farmers Branch, finds it in the public interest to adopt the Water Conservation Plan that has been presented;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF FARMERS BRANCH, TEXAS THAT:

SECTION 1. The Water Conservation Plan set forth in Exhibit “A”, attached hereto and incorporated herein by reference, is hereby adopted as the policy of the City of Farmers Branch and replaces in its entirety the Water Conservation Plan adopted pursuant to Resolution No. 2010-066.

SECTION 2. The City Manager and the Director of Public Works, and those to whom either may delegate such authority, are hereby authorized to take such action as is reasonable and necessary to implement and enforce the policies, programs, and goals set forth in the Water Conservation Plan adopted hereby.

SECTION 3. This resolution shall be effective immediately upon passage.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF FARMERS BRANCH, TEXAS, THIS 20TH DAY OF MAY, 2014.

ATTEST:

APPROVED:

Angela Kelly, City Secretary

William P. Glancy, Mayor

APPROVED AS TO FORM:

Peter G. Smith, City Attorney
(kbl:5/6/14:66019)

**APPENDIX “C”
LETTER DATED MAY 21, 2014,
TO REGION C REGIONAL WATER PLANNING GROUP**



FARMERS BRANCH

City of Farmers Branch
13000 William Dodson Parkway
Farmers Branch, Texas 75234

May 21, 2014

Mr. Thomas W. Kula
Executive Director
Region C Water Planning Group
505 East Brown Street
P.O. Box 2408
Wylie, Texas 75098

Subject: Water Conservation Plan Submission to the Region C Water Planning Group

Dear Mr. Kula:

Enclosed is a copy of the Water Conservation Plan for the City of Farmers Branch, Texas which was adopted by the City Council on May 20, 2014. We are submitting this copy of the plan to the Region C Water Planning Group in accordance with the Texas Commission on Environmental Quality (TCEQ) rules.

If you have any questions or need further information, please feel free to contact our Public Works Department at (972) 919-2597.

Sincerely,

Gary D. Greer
City Manager

Enclosure