

CITY OF BASTROP WATER CONSERVATION PLAN

Prepared For:



City of Bastrop
1311 Chestnut Street
Bastrop, Texas 78602

Adopted April 26, 2016
City Ordinance No. 2016-08

Prepared By:



BEFCO Engineering, Inc.
485 N. Jefferson
La Grange, Texas 78945
(979) 968-6474
Texas Registered Engineering Firm # F-2011
www.befcoengineering.com
BEFCO Job No. 16-6608

ORDINANCE NO. 2016-08

AN ORDINANCE OF THE CITY OF BASTROP, TEXAS ADOPTING A WATER CONSERVATION PLAN IN ACCORD WITH TEXAS COMMISSION ON ENVIRONMENTAL QUALITY AND TEXAS WATER DEVELOPMENT BOARD REGULATIONS; PROVIDING SEVERABILITY AND AN EFFECTIVE DATE.

WHEREAS, the City of Bastrop, Texas recognizes that the amount of water available to the City and its water utility customers is limited and subject to depletion during periods of extended drought; and

WHEREAS, the City recognizes that natural limitations due to drought conditions and other acts of God cannot guarantee an uninterrupted water supply for all purposes; and

WHEREAS, Section 288.2 of the Texas Administrative Code sets forth Texas Commission on Environmental Quality guidelines and requirements governing the development of water conservation plans for public water suppliers; and

WHEREAS, in accord with Section 288.2 of the Texas Administrative Code the City has devised a strategy or combination of strategies for reducing the volume of water withdrawn from its water supply source, for maintaining and improving the efficiency in the use of water, for increasing the recycling and reuse of water, and for preventing the pollution of water; and

WHEREAS, as authorized under law, and in the best interests of the citizens of Bastrop, Texas, the City Council adopts the attached Water Conservation Plan, dated April 26, 2016.

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

PART 1:

That the City of Bastrop Texas Water Conservation Plan attached hereto as Exhibit "A" and made part hereof for all purposes be, and the same is hereby, adopted as the official policy of the City. In addition to filing with the Texas Water Development Board, a copy of this Water Conservation Plan shall be maintained in the City's files and placed on the City website in order that the public may have ready access to the Plan.

PART 2:

That all ordinances that are in conflict with the provisions of this ordinance be, and the same are hereby, repealed and all other ordinances of the City not in conflict with the provisions of this ordinance shall remain in full force and effect.

PART 3:

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.

PART 4:

This Ordinance shall take effect upon the date of final passage noted below, or when all applicable hearing and publication requirements, if any, are satisfied in accordance with the City's Charter, Code of Ordinances, and the laws of State of Texas.

READ and ACKNOWLEDGED on the first reading on the 12th day of April, 2016.

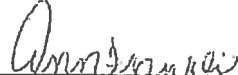
PASSED AND APPROVED on the second reading on the 26th day of April, 2016.

APPROVED:



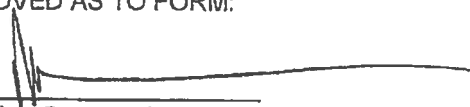
Mayor Ken Kesselus

ATTEST:



Ann Franklin, City Secretary

APPROVED AS TO FORM:



Jo-Christy Brown, City Attorney

CITY OF BASTROP WATER CONSERVATION PLAN

INTRODUCTION AND OBJECTIVES

Water supply has always been a key issue in the development of Texas. In recent years, the increasing population and economic development in the Texas Water Development Board Lower Colorado Regional Water Planning Group (Region K) have led to growing demands for water. Additional supplies to meet higher demands are becoming increasingly expensive and difficult to develop. Therefore, it is imperative that we make efficient use of existing supplies and make them last as long as possible. This 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.

The Texas Commission on Environmental Quality (TCEQ) as well as the Texas Water Development Board through 30 Texas Administrative Code, Part 1, Chapter 288.2 and the Texas Water Code Section 16.403, requires all public water purveyors that provide water service to 3,300 or more retail water connections to develop and implement a Water Conservation Plan. Furthermore, the implemented plan shall be reviewed and updated every five years. The following plan serves to update the previous plan which was implemented by Ordinance No. 2010-8 on May 11, 2010. This plan addresses the following requirements as listed in the Texas Administrative Code for water conservation plans for public drinking water suppliers:

- Utility Profile;
- Records management system to record water pumped, water deliveries, water sales and non-revenue water which allow for the desegregation of water sales and uses in the following user classes: (i) residential; (ii) multi-family; (iii) commercial; (iv) industrial; (v) institutional and (vi) wholesale;
- Five-year and ten-year specific and quantified targets and goals for water use and loss;
- A schedule for implementing plan to meet the goals and targets;
- Method for tracking the effectiveness and efficiency of the plan;
- Accurate source water metering;
- Universal metering of both customer and public uses of water, meter testing and repair, and periodic meter replacement;
- Measures to determine and control water loss;
- A program for leak detection, repair and water loss accounting for the water transmission, delivery and distribution system;
- Program for continuing public education and information regarding water conservation;
- Non-promotional water rate structure;
- Means of implementation and enforcement;
- Requirements for wholesale water contracts to contain water conservation plans;
- Coordination with the Regional Water Planning Group;
- Formal adoption of plan by city council;
- Requirements for annual reporting.

- o Industrial;
- o Multi-family residential;
- o Institutional;
- o Wholesale water;
- Total water sold;
- Water metered but not billed;
- Miscellaneous accounted for water.

Miscellaneous accounted for water includes such categories as tank overflows, pump testing, water leak repairs summary reports, fire hydrant flushing, flush valve usage, fire department usage, etc. The non-revenue water and water loss is compiled and reviewed on a monthly and annual basis.

C. WATER CONSERVATION PLAN FIVE AND TEN YEAR GOALS

The objective of the City's Water Conservation Plan is to:

1. Establish water conservation strategies to achieve efficient use of water and reduce the gallons per capita per day (GPCD) consumption of water to meet specified goals; and,
2. Establish a program to reduce unaccounted for water in the system and improve the quality of data in water loss estimates expressed in percentage and GPCD to meet specific and quantified goals.

The City of Bastrop is situated in a high-growth corridor and anticipates experiencing continued economic growth. The total gallon per capita per day (GPCD) water use for the past five (5) years averaged 178 gpcd, which is good considering the Texas Water Development Board projects a 181 gpcd in the year 2020. Additionally, the gallons per capita per day has decreased every year over the last five years from a high of 212 gpcd in 2011 to a low of 156 gpcd in year 2015.

5 and 10 Year Goals for Water Savings				
City of Bastrop				
2015 Water Conservation Plan				
	Historic 5-yr Average	Baseline	5-yr Goal Year 2020	10-yr Goal Year 2025
Total GPCD	178	178	169	161
Residential GPCD	95	95	94	93
Water Loss (GPCD)	21	21	18	16
Water Loss (Percentage)	12%	12%	11%	10%

In any system, water loss may occur due to leaks, line breaks, meter inaccuracies, theft, and other issues. Over the last five years the City's water loss has varied between 6 and 16 percent. The installation of the Advanced Metering Infrastructure in 2015 will provide city staff with more accurate and real time data which should assist in reducing unaccounted for water.

The goals outlined above are designed to be achieved within 5 to 10 years of the date of adoption of this plan. A copy of TWDB Form No. 1964 has been included in Appendix B. The City will periodically evaluate the plan in accordance with state and federal regulations to determine the extent, if any, that the plan needs modification.

Development Board (TWDB) guidelines at least once each year. TWDB rules only require this audit to be submitted once every five years. The water system audit determines the volume of actual water loss, the identification of water loss sources, the status and condition of primary water meters, an analysis of water line breaks, an evaluation of underground leakage potential, and provides recommendations for meter replacement.

Leak Detection and Repair

The City administers leak detection and repair programs for its water distribution system. Approximately 175 acoustic magnetic leak detection units are scattered throughout the City's distribution system and monitors the system nightly. The Utility Department then runs a report to evaluate the collected data and identify potential locations for leaks and dispatches repair crews as needed. Additionally, the City has a program that features a work order prioritization system for leaks needing repair and an inventory of equipment and materials needed to promptly repair all detected or reported leaks. The City also has a rehabilitation program to upgrade its aging water distribution system and address high volume leak areas. This program is based on findings in monthly water loss reports and the leak detection programs described above.

H. WATER CONSERVATION STRATEGIES

There are a number of benefits that water conservation can have on the City and its customers: extending the life of existing water supplies and infrastructure; delaying costs for water right purchases and infrastructure improvements such as pipelines, pump stations, water storage and plant expansions; and lowering operating costs by reducing chemical and electricity demands. The City currently has several water conservation strategies in effect and include:

1. **Public Education Program** - The city public education program makes thousands of contacts, both direct and indirect, every year through presentations, community fairs, plant tours, utility bill inserts, newspaper and radio ads, and the City's website. The City promotes water conservation issues by informing the public in the following ways:
 - Making water conservation information available to new customers;
 - Making residential water audits available (hourly intervals available with AMI) to all customers upon request;
 - Providing water conservation information to all customers upon request, through the City's website and social media outlets;
 - Coordinating educational presentations, lectures, and demonstrations for schools, civic groups, and the general public;
 - Providing exhibits at public events held throughout the year;
 - Publishing water conservation information on a regular basis in the City's utility bill insert or other written form;
 - Participating in community environmental education activities with local organizations to promote water conservation education;
 - Supporting annual events and demonstrations relating to water conservation and environmental issues that affect water supply and quality.

2. **Plumbing Code and Retrofit Program** - The City has adopted the International Plumbing code, which requires the use of water saving, Ultra-Low Flow (ULF) fixtures to be installed in new construction and in the replacement of plumbing in existing structures. The City educates the residents, plumbers, and contractors on the benefits of retrofitting existing facilities with water saving devices through its public education program.

Residential & Commercial		
	Within City Limits	Outside City Limits
Meter Size	Minimum Charge	Minimum Charge
3/4" (or smaller)	\$27.72	\$41.59
1"	\$47.13	\$70.69
1-1/2"	\$79.47	\$119.22
2"	\$118.28	\$177.43
3"	\$221.78	\$332.68
4"	\$255.07	\$507.34
6"	\$661.68	\$992.48
Plus the following consumption charger per 1,000 gallons:		
0 – 3,000 gallons	\$2.85	\$4.13
3,001 – 5,000 gallons	\$3.04	\$4.42
5,001 – 10,000 gallons	\$3.22	\$4.70
10,001 – 20,000 gallons	\$3.42	\$4.98
20,001 – 50,000 gallons	\$3.69	\$5.39
Over 50,000 gallons	\$3.87	\$5.66

This rate structure will be reviewed on a regular basis to ensure that the rates adequately recover cost of service and meet the goals of the plan.

J. MEANS OF IMPLEMENTATION AND ENFORCEMENT

The Water Conservation Plan was adopted by the Bastrop City Council and a copy of the ordinance has been included in Appendix D. The City Manager, or designee will be responsible for implementing the plan and educating all City staff personnel. Implementation of the plan by City staff shall begin immediately in 2016 upon adoption.

K. WHOLESALE WATER CONTRACTS

The City will, as part of contracts for sale of water to any other entity re-selling water, require that entity to adopt applicable provisions of the City's water conservation plan or have a plan in effect previously adopted and meeting the basic requirements of 30 TAC §288. These provisions will be through contractual agreement prior to the sale of any water to the water re-seller. It should be noted that at this time the city does not have any wholesale water contracts.

L. COORDINATION WITH REGIONAL PLANNING GROUP

The water service area for the City of Bastrop is located within the Region K planning area and the City will be providing a copy of this plan to Region K Group. A copy of the submission letter can be found in Appendix E.

M. REPORTING REQUIREMENTS

30 TAC § 288 requires that each entity that is required to submit a Water Conservation Plan to the Texas Water Development Board shall submit a Water Conservation Plan Annual Report to the TWDB on the entity's progress in

APPENDIX A

**CITY OF BASTROP
UTILITY PROFILE
TWDB Form No. 1965-R**

Section I: Utility Data

A. Population and Service Area Data

1. Current service area size in square miles: 11
 (Attach or email a copy of the service area map.)

2. 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
2015	8,323		9,081
2014	7,856		8,416
2013	7,378		7,902
2012	7,321		7,791
2011	7,237		7,771

3. 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	10,540		11,629
2030	15,336		16,918
2040	22,195		24,494
2050	32,121		35,463
2060	46,485		51,344

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

Water Years 2011-14 taken from Annual Estimates of Residential Population: April 1, 2010 to July 1, 2014; U.S. Census Bureau, Population Division, Release Date: May 2015 for Cities and Towns.

Water Years 2015-2060 taken from CH2M Hill Technical Memorandum, "City of Bastrop, Water Demand Projections - Final", dated May 13, 2014.

The City of Bastrop receives sewer flows from Bastrop County Water Control & Improvement District No. 2 (BCWCID #2). BCWCID #2's population was estimated by dividing their average daily flow (metered lift station) for the year by 100 gallons/capita. Sewer Years 2011 - 2015 were calculated by adding the BCWCID #2's population to the respective water service population. Sewer years 2020-2060 were calculated by applying the growth rate established in CH2M Hill's Technical Memo to the 2015 population of 9,081.

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)
2016	8,703	622,612,620
2017	9,173	649,540,130
2018	9,643	675,781,440
2019	10,114	701,405,900
2020	10,540	723,254,800
2021	10,966	744,481,740
2022	11,392	773,402,880
2023	11,818	789,383,310
2024	12,244	808,899,860
2025	12,743	832,563,905

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

Projected water demands are based on CH2M Hill Technical Memorandum, "City of Bastrop, Water Demand Projections - Final", dated May 13, 2014. Per the memo, projected water demand per capita use was assumed as 200 gallons per day in 2014 and further assumed conservation practices would reduce the gallons per capita per day by one (1) percent each year thereafter until reaching a goal of 140 gpcd, a voluntary target developed by the TWDB's Water Conservation Task Force in 2004.

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	2,428		2,428	64%
Residential – Multi-family (units)	718		718	19%
Industrial			0	0%
Commercial	650		650	17%
Institutional			0	0%
Agricultural			0	0%
TOTAL	3,796	0	3,796	

*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				
	2015	2014	2013	2012	2011
Residential – Single Family	47	73	35	30	41
Residential – Multi-family (units)	0	0	0	0	0
Industrial					
Commercial	-36	50	16	4	14
Institutional					
Agricultural					
TOTAL	11	123	51	34	55

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

Month	Total Gallons of Raw Retail Water				
	2015	2014	2013	2012	2011
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
TOTAL	0	0	0	0	0

3. Summary of seasonal and annual water use.

Water Use	Seasonal and Annual Water Use					Average in Gallons
	2015	2014	2013	2012	2011	
Summer Retail (Treated + Raw)	145,539,000	136,980,000	146,853,000	141,024,000	162,914,000	146,662,000 5yr Average
TOTAL Retail (Treated + Raw)	463,635,000	450,769,000	461,550,000	472,019,000	536,959,000	476,986,400 5yr Average

E. Water Loss

Provide Water Loss data for the previous five years.

$$\text{Water Loss GPCD} = [\text{Total Water Loss in Gallons} \div \text{Permanent Population Served}] \div 365$$

$$\text{Water Loss Percentage} = [\text{Total Water Loss} \div \text{Total System Input}] \times 100$$

Year	Total Water Loss in Gallons	Water Loss in GPCD	Water Loss as a Percentage
2015	27,986,119	9	6%
2014	75,702,620	26	16%
2013	60,889,390	23	13%
2012	63,738,800	24	13%
2011	56,239,500	21	10%
5-year average	56,911,286	21	12%

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): 1,400,000 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	2,185		2,185	80%
Industrial			0	0%
Commercial	559		559	20%
Institutional			0	0%
Agricultural			0	0%
TOTAL	2,744	0	2,744	

- What percent of water is serviced by the wastewater system? 95%
- For the previous five years, enter the number of gallons of wastewater that was treated by the utility.

Month	Total Gallons of Treated Wastewater				
	2015	2014	2013	2012	2011
January	26,056,000	22,612,000	23,550,000	24,226,000	24,372,000
February	21,857,000	21,223,000	20,833,000	24,015,000	22,920,000
March	26,743,000	24,298,000	24,537,000	28,021,000	25,674,000
April	27,420,000	23,662,000	23,391,000	25,341,000	26,406,000
May	34,613,000	27,146,000	23,736,000	27,532,000	27,168,000
June	29,418,000	26,962,000	23,792,000	26,899,000	26,682,000
July	29,701,000	25,623,000	24,485,000	27,968,000	26,793,000
August	28,918,000	26,275,000	23,723,000	28,419,000	26,369,000
September	26,346,000	26,446,000	23,169,000	26,091,000	24,666,000
October	29,864,000	26,243,000	23,757,000	25,249,000	25,317,000
November	28,349,000	24,195,000	23,136,000	22,772,000	24,135,000
December	26,958,000	24,227,000	22,239,000	23,058,000	24,878,000
TOTAL	336,243,000	298,912,000	280,358,000	309,591,000	305,380,000

**TEXAS WATER DEVELOPMENT BOARD
UTILITY PROFILE
ATTACHMENT 1**

Water Supply, Treatment & Distribution System

The water system is designated a ground water system under the influence (GUT) of surface. The existing water system is divided into two pressure planes. Zone 1 serves the lower elevations that include the Old Town area on the east side of the river and the area west of the river. It has a design hydraulic gradient of 535 feet, mean sea level (MSL). Zone 2 serves the higher elevations east of the river with a hydraulic gradient of 654 feet MSL and the majority of the west side using a PRV located at Willow Plant.

Wells

Presently, the City has seven (7) water wells --- C, D, E, F, G, H and I. Wells C, D, E, F and G are located in Fisherman's Park area. These wells withdraw water from the alluvial layer and are treated for distribution at the Willow Water Plant which includes a cartridge filter system for Log 2 and 3 removal. Wells H and I are treated for distribution at the Bob Bryant Plant which includes a methane stripper.

<i>Well</i>	<i>Permitted 24 hr/day (gpm)</i>	<i>Equivalent Permitted 16 hr/day (gpm)</i>	<i>Actuals 16 hr/day (gpm)</i>
A	Abandoned	Abandoned	
B	Abandoned	Abandoned	
C	550	825	375
D	750	1,125	280
E	750	1,125	300
F	1,030	1,545	850
G	1,000	1,500	500
H	400	600	415
I	1,000	1,500	465
Totals	5,480	8,220	3,185

Equipment Breakdown

The equipment at the existing facilities is shown below:

Willow Water Plant

- Service Pump Capacity:
 - 3-750 Gallons Per Minute (GPM)
 - 3-800 GPM
- Ground Storage Tank (GST) Capacity:
 - GST #1 – 500,000 Gallons
 - GST #2 – 500,000 Gallons

Loop 150 Tank Yard

- Transfer Pump Capacity:
 - 2 – 400 GPM
- Ground Storage Tank (GST) Capacity:
 - GST #3 – 225,000 Gallons
- Elevated Storage Tank (EST) Capacity:
 - EST #1 – 250,000 Gallons
 - Standpipe (SP) – 1,000,000 Gallons

Bob Bryant Plant

- Service Pump Capacity:
 - 2 – 1,400 GPM
- Transfer Pump Capacity:
 - 2 – 400 GPM
- Ground Storage Tank (GST) Capacity:
 - Bob Bryant Tank (BBT) – 285,000 Gallons

Texas Water Development Board
Utility Profile
Attachment 2

Existing Wastewater System Information

The City of Bastrop Wastewater System consists of 4"-18" gravity collection lines, 3"-10" force mains, and multiple lift stations to transport wastewater from individual connections to the wastewater treatment facility located on the east side of the Colorado River on the south end of Water Street. City of Bastrop currently operates Wastewater Treatment Plant ("WWTP") #1 and #2 under permit number WQ0011076001. The permitted treatment capacity for WWTP #1 and #2 is a total of 1.4 Million Gallons per Day ("MGD"). In addition, the City is also under contractual obligation to treat up to 200,000 Gallons per Day ("GPD") of wastewater flows from Bastrop County Water Control and Improvement District #2 ("BCWCID #2"). This contract expires on April 30, 2030.

The steel plant is an activated sludge-extended aeration process capable of treating 1.06 MGD. The plant consists of a bar screen, aeration basin, and clarifier. The concrete plant is a plug-flow process capable of treating 0.34 MGD. This plant consists of a bar screen, aeration basin, and clarifier. Flow from both plants' clarifiers use the same chlorine contact basin where it is aerated, goes over a baffle, down cascading steps and then dechlorinated prior to discharging through a 12" pipe to Segment 1402 of the Colorado River Basin. Both plants also utilize a digester for sludge processing and either drying beds or a dewatering box prior to sludge haul off. The effluent from the plants is required to produce the following parameters: CBOD 10 mg/L, TSS 15 mg/L, NH₃ 2 mg/L, DO > 5 mg/L, E-coli 126 CFU or MPN/100 mL, and pH between 6.5 & 9. Effluent must contain a chlorine residual of at least 1.0 mg/L after a detention time of at least 20 minutes to meet disinfection requirements.

WATER CONSERVATION PLAN 5- AND 10-YR GOALS FOR WATER SAVINGS

Facility Name: City of Bastrop

Water Conservation Plan Year: 2015

	Historic 5yr Average	Baseline	5-yr Goal for year <u>2020</u>	10-yr Goal for year <u>2025</u>
Total GPCD ¹	178	178	169	161
Residential GPCD ²	95	95	94	93
Water Loss (GPCD) ³	21	21	18	16
Water Loss (Percentage) ⁴	12 %	12 %	11 %	10 %

1. Total GPCD = (Total Gallons in System + Permanent Population) ÷ 365

2. Residential GPCD = (Gallons Used for Residential Use + Residential Population) ÷ 365

3. Water Loss GPCD = (Total Water Loss + Permanent Population) ÷ 365

4. Water Loss Percentage = (Total Water Loss ÷ Total Gallons in System) x 100; or (Water Loss GPCD ÷ Total GPCD) x 100

APPENDIX E

**Regional Water Planning Group
Notification**

April 29, 2016

**Mr. John Burke, Chairman
Lower Colorado Regional Water Planning Group
Attn: Region K; Mailstop L211
P.O. Box 220
Austin, Texas 78767-0220**

Re: City of Bastrop
Water Conservation Plan

Dear Mr. Burke:

On April 26, 2016, the Bastrop City Council adopted a City Ordinance establishing a water conservation plan for the City of Bastrop. Attached for the records of the Texas Water Development Board Lower Colorado Regional Water Planning Group (Region K) is a copy of the approved plan. Should you have any questions regarding the plan, please do not hesitate to contact me at 512-332-8800.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Talbot", followed by a horizontal line extending to the right.

Michael Talbot, City Manager
City of Bastrop

Attached – Water Conservation Plan

MT:cae