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AGENDA

The Center City Council will meet in Regular Session on Monday, January 28, 2019 at 5:00 p.m. in Council Room at Center City Hall. The following items are on the agenda for appropriate action:

- I. Welcome Guests and Visitors.**
- II. Approval of Minutes of the Regular Meeting on January 14, 2019.**
- III. Discuss Consider and Action on the Following:**
 - A. Ordinance 2019-03 Adopting Revisions and Amendments to the City of Center Drought Contingency and Water Conservation Plan.**
 - B. Ordinance 2019-04 Adoption of Curfew for Minors.**
- IV. Items of Interest from Council and City Manager and Citizens – No Action Items.**
- V. Executive Session**

Consider entering executive session for legal consultation with the City Attorney and discussion of pending litigation, personnel matters and land acquisition with possible action related thereto upon reconvening in open session in accordance with Government Code Section 551.071, 551.072 and 551.074
- VI. Adjournment.**

MEMORANDUM

TO: Mayor and City Council

FR: Chad D. Nehring, City Manager



Date: January 25, 2019

RE: Agenda Comments for Regular Meeting of January 28, 2019

Local Government Corporation Meeting

Enclosed is a revised draft of a model for lot pricing, sales and marketing for the current properties of the Local Govt Corp. If these can be refined and approved, staff will begin the marketing efforts. The lot conveyance approved at the prior meeting is being completed and will take another couple of weeks for closing and filing, so action is not necessary at this meeting if further study, discussion or revision is desired.

REGULAR MEETING AGENDA:

III.A. Ordinance 2019-3 Adopting Revisions and Amendments to the City of Center Drought Contingency and Water Conservation Plan

The TCEQ requires periodic update, revision and ratification of this plan. While it does define drought conditions and the resulting restrictions triggered by those situations, this doesn't create new regulations. Over the last two decades, the City only had to initiate Phase II conditions during the worst part of the 2011-2012 drought and general compliance was achieved without any citations or issues. The City's overall supply is sufficient for extended drought conditions. This does also adopt the state standards, as is required, for water conservation goals. As the City's customer base is over 80% residential but those customers use less than 11% of all consumed water, household conservation has virtually no impact on system conservation. Residential average daily use has declined since the end of the last major drought period, attributed primarily to identification and repair of minor leaks and reduced irrigation use. Staff recommends approval.

III.B. Ordinance 2019-4 – Adoption of Curfew for Minors

State law requires ratification and extension of any curfews every three years. This ordinance would continue the existing curfew for minors that has been an effective tool, even though rarely used for citations, to detour general loitering by teens in private and public locations after indicated hours. The Police Department has recommended continuation of this curfew by adoption of this ordinance. The Chief will be present should there be any additional questions.

V. Items of Interest:

- 1) Gilchrist Lift Station
Staff continues to work with the contractor and equipment provider to remedy some of the final outstanding concerns while this project remains within the warranty period.
- 2) Street Project – 2018
Both contractors have initiated work. Major construction is on Watlington St and Shillings. The concrete work is finished at Austin St. Hopefully weather will continue to cooperate as cold doesn't impact nearly as much as moisture.
- 3) Downtown Plans should be getting finalized within the next month. We will schedule several meetings with downtown owners, festival committees, Council and other interested parties to attempt to include as much input and address any needs. Additionally, input on needs to work around certain schedules or locations, like the festivals is being identified so that those items are identified explicitly in bid requirements.
- 4) AEP-SWEPCO Tree Trimming Program
Information on upcoming tree trimming to prevent line damages and resulting power outages was provided and staff will maintain this through this Spring/Summer project should citizens need contacts or express concerns.

**MINUTES OF THE CITY OF CENTER
CITY COUNCIL MEETING
REGULAR MEETING
January 14, 2019**

The Center City Council met in a regular session on Monday, January 14, 2019 at 5:00 p.m. in the Council Chambers at Center City Hall. The meeting was open to the public. Notices were properly posted of the date, place and hour and the news media was notified. The following members were present:

David Chadwick	-	Mayor
Leigh Porterfield	-	Mayor Pro Tem
Joyce Johnson	-	Council Member
Howell Howard	-	Council Member
Jerry Lathan	-	Council Member
Terry Scull	-	Council Member
Randy Collard	-	Council Member
Chad Nehring	-	City Manager
Barbara Boyd	-	City Secretary
John Price	-	City Attorney

Guests signed the register.

Item I. Mayor David Chadwick opened the meeting and welcomed the visitors.

Item II. Public Hearing:

1. City Manager Chad Nehring stated the owner of this parcel has applied to change the zoning of the property from Light commercial (C-1) to Heavy Commercial (C-2) inclusive of a needed Specific Use Permit to allow for the permanent use as "Mini/Self Storage" as defined by the Zoning Code. Mr. Nehring stated expansion of use requires compliance with the current regulation and their present intent to increase storage units necessitate this request. There were no public comments.

Item III. Approval of Minutes of the Regular Meeting on December 10, 2018.

Council Member Randy Collard made a motion to approve the minutes. Council Member Jerry Lathan seconded the motion. All voted in favor.

Item IV. Consider Discussion and Possible Action on the following:

- A. Ordinance 2019-1 Amending Zoning Ordinance for Decision on Application 2018-3 for Zoning change with Specific Use Permit for 154 Riggs Street/SCAD Prop ID 20941. City Manager Chad Nehring stated the owner of this parcel has applied to change the zoning of the property from Light Commercial (C-1) to Heavy Commercial (C-2) inclusive of a needed Specific Use Permit to allow for the permanent use as "Mini/Self Storage" as defined by the Zoning Code. Mr. Nehring stated expansion of the use, current legally, non-conforming requires compliance with the current regulation and their present intent to increase storage units necessitate this request. The Planning and Zoning Board recommended approval at their December 27, 2018 meeting. Council Member Terry Scull made a motion to approve Ordinance

2019-1 Amending Zoning Ordinance for Decision on Application 2018-3 for Zoning Change with Specific Use Permit for 154 Riggs Street/SCAD Prop ID 20941 with a correction to the survey information on the Recommendation to City Council. Council Member Leigh Porterfield seconded the motion. All voted in favor.

- B. Ordinance 2019-02 Adoption of City Limits Map.** City Manager Chad Nehring stated state law requires periodic adoption of the official map of the City Limits and there have been no changes during 2018 so the boundaries are identical. Council Member Howell Howard made a motion to approve Ordinance 2019-02 Adoption of the City Limits Map. Council Member Joyce Johnson seconded the motion. All voted in favor.
- C. Resolution 2019-01 Designating Official Newspaper.** City Manager Chad Nehring stated state law requires the Council to designate the official newspaper with general circulation within the County to be used for all mandatory publications. Council Member Joyce Johnson made a motion to approve Resolution 2019-01 Designating the Official Newspaper. Council Member Randy Collard seconded the motion. All voted in favor.
- D. Resolution 2019-02 Dedication of Assets to the Center Local Government Corporation.** City Manager Chad Nehring stated Council created a Local Government Corporation as a non-profit defined under state law to allow flexibility in the acquisition, disposal and marketing of properties within the City primarily related to residential development. Mr. Nehring stated this entity maintains separate financials and can assist in general community development goals of the Council without hinderances or some restrictions on municipal government in State law. Mr. Nehring stated this resolution will transfer those assets, primarily lots within Parker Place Addition and the residual cash from repayment of the original grant reimbursement to initiate actions to market and sale these properties. Council Member Howell Howard made a motion to approve Resolution 2019-02 Dedication of Assets to the Center Local Government Corporation. Council Member Leigh Porterfield seconded the motion. All voted in favor.
- E. Project Selection for 2019 Texas Community Development Program Application.** City Manager Chad Nehring stated staff has information on this biennial grant program for HUD funds through the regional Council of Governments and operated by the Texas Department of Agriculture. Staff has attached a project list to consider, but recommends the South Loop elevated storage tank to be the project requested. Council Member Terry Scull made a motion to approve the South Loop elevated storage tank as the selection for the 2019 Texas Community Development Program Application. Council Member Joyce Johnson seconded the motion. All voted in favor.
- F. Everett Griffith & Associates Work Authorization – US Hwy 96 Sewer Enhancement.** City Manager Chad Nehring stated as a result of continued development on Hwy 96 in the northern area of town, the sewer mains supporting that area are at a point that additional flow will exceed the pipe capacity particularly with groundwater infiltration and storm inflow. Mr. Nehring stated upon the submission of preliminary design estimates for current construction projects which had not previously submitted, staff forwarded information to our City Engineer for a fast review. Mr.

Nehring stated with design of this project it allow connection or additional projects to the sewer system once these upgrades are completed. Council Member Howell Howard made a motion to approve Everett Griffith & Associates Work Authorization – US Hwy 96/Sewer Enhancement. Council Member Jerry Lathan seconded the motion. All voted in favor.

G. Contract for Public Art Installation – Mural at Timpson St. Retaining Wall. City Manager Chad Nehring stated Mr. Masterson has presented a response to the inquiry of designing and installing a mural along the Timpson St. retaining wall near Hurst Street with a fee of \$750.00 for completion of all aspects. Council Member Howell Howard made a motion to approve the Contract for Public Art Installation – Mural at Timpson St. Retaining Wall. Council member Randy Collard seconded the motion. All voted in favor.

H. Approve MLK Parade – January 21, 2019. Council Member Leigh Porterfield made a motion to approve the MLK Parade Route on January 21, 2109. Council Member Howell Howard seconded the motion. All voted in favor.

I. Appointments:

1. Zoning Board of Adjustments. Mr. Nehring stated this is the annual appointment for terms on the Zoning Board of Adjustments. Mayor Chadwick stated all the permanent and alternate members terms up for renewal have agreed to stay on the Zoning Board of Adjustments. Council Member Terry Scull made a motion to reappoint Murray Borders, Billie Sue Payne, Larry Hume, Richard Pinkston and Donny Johnson. Council member Jerry Lathan seconded the motion. All voted in favor.

Item IV. Items of Interest from Council and City Manager, and Citizens – No Action Items.

Item V. Executive Session.

Consider entering executive session for legal consultation with the City Attorney and discussion of pending litigation, personnel matters and land acquisition with possible action related thereto upon reconvening in open session in accordance with Local Government Code Section 551.071, 551.072 and 551.074.3.

Item VII. Adjournment. Mayor David Chadwick adjourned the meeting at 5:30 pm.

David Chadwick, Mayor

Attest:

Barbara Boyd, City Secretary

ORDINANCE NO. 2019-03

AN ORDINANCE OF THE CITY OF CENTER, TEXAS, AMENDING THE WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN; ESTABLISHING DATA, INFORMATION AND POLICY FOR WATER CONSERVATION PROGRAMS; ESTABLISHING CRITERIA FOR INITIATION AND TERMINATION OF DROUGHT RESPONSE STAGES AND RESTRICTIONS ON CERTAIN WATER USES; PROVIDING FOR THE REPEAL OF ALL ORDINANCES IN CONFLICT, A SEVERABILITY CLAUSE, A PENALTY NOT TO EXCEED TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE AND AN EFFECTIVE DATE

WHEREAS, Section 11.1271 of the Texas Water Code and applicable rules of the Texas Commission on Environmental Quality require the holder of an existing permit, certified filing, or certificate of adjudication for the appropriation of surface water in the amount of 1,000 acre-feet a year or more for municipal, industrial, and other non-irrigation uses to develop, submit, and implement a water conservation plan; and

WHEREAS, Section 11.1272 of the Texas Water Code and applicable rules of the Texas Commission on Environmental Quality require all public and wholesale water supply systems in Texas to prepare a drought contingency plan; and

WHEREAS, as authorized under law, and in the best interests of the citizens of Center, Texas, the City Council deems it expedient and necessary to establish certain rules and policies for the ongoing conservation of water and the orderly and efficient management of limited water supplies during drought and other water supply emergencies.

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

- Section 1.** That the City of Center, Texas Water Conservation & Drought Contingency Plan 2019 attached hereto and made part hereof for all purposes be, and the same is hereby, adopted as the official policy of the City.
- Section 2.** That all ordinances, or parts of ordinances, in conflict with this ordinance are hereby repealed and that all others not in conflict shall remain in full force and effect.
- Section 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.
- Section 4.** Any individual, business, firm, company, or corporation found guilty of violating this ordinance including the Drought Contingency Plan shall be deemed guilty of committing a misdemeanor and upon conviction in the Municipal Court of the City of Center shall be punished by a fine not to exceed TWO THOUSAND DOLLARS (\$2,000.00) for each offense as defined in Section 1-17 of the Center Code of Ordinances.
- Section 5.** This ordinance shall take effect immediately upon passage by the City Council of the City of Center and the publication of the caption, as the law in such cases provides.

PASSED AND APPROVED this the 28th day of January, 2019

CITY OF CENTER:

David Chadwick, Mayor

ATTEST:

Barbara Boyd, City Secretary



Water Conservation & Drought Contingency Plan

2019

WATER CONSERVATION & DROUGHT CONTINGENCY PLAN

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WATER CONSERVATION & DROUGHT CONTINGENCY PLAN

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DECLARATION OF POLICY, PURPOSE, AND INTENT

In order to conserve the available water supply and protect the integrity of water supply facilities, with particular regard for domestic water use, sanitation, and fire protection, to protect and preserve public health, welfare, and safety, and minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the City of Center hereby adopts the following practices, regulations, and restrictions on the delivery, use, and consumption of water by City Ordinance.

Water uses regulated or prohibited under this Water Conservation and Drought Contingency Plan are considered to be wasteful, non-essential, or discretionary. Uses of water considered wasteful or violations of restricted uses during times of water shortage or other emergency water supply conditions subjects the offender(s) to penalties as defined in the Implementation and Enforcement section of this Plan.

AUTHORIZATION

The City Manager or his/her designee is hereby authorized and directed to implement this Water Conservation Plan and the applicable provisions of this Drought Contingency Plan upon determination that such implementation is necessary to protect public health, safety, and welfare. The City Manager or his/her designee shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

APPLICATION

The provisions of this Plan shall apply to all persons, customers, and property utilizing water provided by the City of Center. The terms “person” and “customer” as used in the Plan include individuals, corporations, partnerships, associations, and all other legal entities.

OVERVIEW

GEOGRAPHY

The City of Center is located on seven square miles in the center of Shelby County and is seventeen miles from the Louisiana border. The City is in the Sabine River Basin within the geographical boundaries of the Region I East Texas Regional Water Planning Group. Currently, there are approximately 5,300 residents.

CLIMATE

The average annual rainfall during 2018 for Center is 54.24 inches with the month December typically having the most rainfall (5.5 inches). The City averages 93 days with rainfall each year. Monthly temperature averages range from 52.2°F in January to 97.3°F in July. On average, there are 100 days per year where the temperature exceeds 90°F and 40 days where the temperature falls below 32°F.

WATER RESOURCES

The City of Center obtains 100% of its water from Lake Pinkston and Center Lake and holds Certificates of Adjudication 06-4404 and 05-4657 respectively for a combined total of 5,260 acre-feet authorized for municipal use. The water rights certificates can be found in Appendix A.

Lake Pinkston



Center Lake



INTRODUCTION

OBJECTIVE

The objective of Center's Water Conservation and Drought Contingency Plan is to increase efficiency of water use and reduce water demands without adversely affecting the population and economic growth of the City. The fundamental strategy for this Plan is to promote and publicize water conservation activities and drought management strategies in order to meet our water conservation goals and respond appropriately to water supply concerns or emergencies.

The City of Center recognizes that the amount of water available to the City and its water utility customers may be limited and subject to depletion during periods of extended drought. Representing the best interests of the citizens of Center, Texas, the City deems it expedient and necessary to establish and maintain certain rules and policies for the ongoing conservation of water and the orderly and efficient management of limited water supplies during drought and other water supply emergencies.

STATUTORY REQUIREMENTS

Texas Water Code §11.1271. **ADDITIONAL REQUIREMENTS: WATER CONSERVATION PLANS.** (b) The commission shall require the holder of an existing permit, certified filing, or certificate of adjudication for the appropriation of surface water in the amount of 1,000 acre-feet a year or more for municipal, industrial, and other uses, and 10,000 acre-feet a year or more for irrigation uses, to develop, submit, and implement a water conservation plan, consistent with the appropriate approved regional water plan, that adopts reasonable water conservation measures as defined by Subdivision (8)(B), Section 11.002, of this code.

Texas Water Code §11.1272. **ADDITIONAL REQUIREMENT: DROUGHT CONTINGENCY PLANS FOR CERTAIN APPLICANTS AND WATER RIGHT HOLDERS.** (a) The commission shall by rule require wholesale and retail public water suppliers and irrigation districts to develop drought contingency plans consistent with the appropriate approved regional water plan to be implemented during periods of water shortages and drought.

RULE REQUIREMENTS

Title 30 Texas Administrative Code, Chapter 288.30 **REQUIRED SUBMITTALS.**

(1) Water conservation plans for municipal, industrial, and other non-irrigation uses. The holder of an existing permit, certified filing, or certificate of adjudication for the appropriation of surface water in the amount of 1,000 acre-feet a year or more for municipal, industrial, and other non-irrigation uses shall develop, submit, and implement a water conservation plan meeting the requirements of Subchapter A of this chapter (relating to Water Conservation Plans). The water conservation plan must be submitted to the executive director not later than May 1, 2005. Thereafter, the next revision of the water conservation plan for municipal, industrial, and other non-irrigation uses must be submitted not later than May 1, 2009, and every five years after that date to coincide with the regional water planning group.

(5)(B) For all the retail public water suppliers, the drought contingency plan must be prepared and adopted not later than May 1, 2005 and must be available for inspection by the executive director upon request. Thereafter, the retail public water suppliers shall prepare and adopt the next revision of the plan not later than May 1, 2009, and every five years after that date to coincide with the regional water planning group. Any new retail public water supplier providing water service to less than 3,300 connections shall prepare and adopt a drought contingency plan within 180 days of commencement of operation, and shall make the plan available for inspection by the executive director upon request.

(6) Drought contingency plans for wholesale public water suppliers. Wholesale public water suppliers shall submit a drought contingency plan meeting the requirements of Subchapter B of this chapter to the executive director not later than May 1, 2005, after adoption of the drought contingency plan by the governing body of the water supplier. Thereafter, the wholesale public water suppliers shall submit the next revision of the plan not later than May 1, 2009, and every five years after that date to coincide with the regional water planning group. Any new or revised plans must be submitted to the executive director within 90 days of adoption by the governing body of the wholesale public water supplier. Wholesale public water suppliers shall also provide a copy of the drought contingency plan to the regional water planning group for each region within which the wholesale water supplier operates.

REPORTING REQUIREMENTS

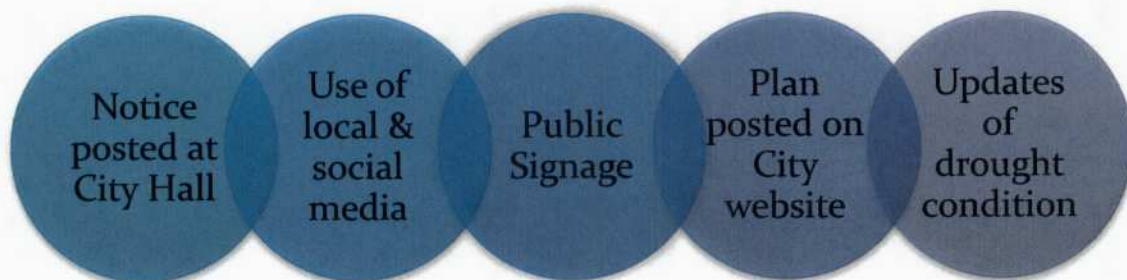
The Texas Water Development Board (TWDB) requires that the City submit a Water Conservation Plan every five years to coincide with the Regional Water Planning Cycle. The TWDB also requires that the City submit the following information annually:

1. Water Loss Audit
2. Annual Report
3. Water Use Survey

The Texas Commission on Environmental Quality (TCEQ) requires that the City submit a Water Conservation & Drought Contingency Plan every five years to coincide with the Regional Water Planning Cycle.

PUBLIC EDUCATION

Opportunity for public input is always available at City Council meetings, City events, telephone, and email. The City of Center will periodically provide the public with information about this Plan, including information, and/or notification, about ongoing water conservation efforts, the conditions under which each drought stage would be initiated or terminated, and the drought response measures to be implemented in each stage. This information will be provided by means of posted notices, local radio and television announcements, public signage, and other public activities.



WATER WASTE AND NON-ESSENTIAL USES

WATER WASTE

The following shall be unlawful at any time of the year for any person, firm, corporation, business, or other entity:

- Failing to repair a controllable leak, including a broken sprinkler head, a leaking valve, leaking or broken pipes, or a leaking faucet. Operating a permanently installed irrigation system with a broken head, out of adjustment or misting due to high water pressure.
- Operating an automated in-ground irrigation system or hose-end sprinkler on any day of the week between 10:00 a.m. and 6:00 p.m.
- Irrigation or landscape watering during any form of precipitation.
- Allowing water to pond in a street or parking lot to a depth of greater than one quarter ($\frac{1}{4}$) of an inch. Allowing water to run off a property and form a stream of water in a street for a distance of fifty (50) feet or greater.

NON-ESSENTIAL/DISCRETIONARY USES OF WATER

The following uses of water are considered non-essential or discretionary uses of water:

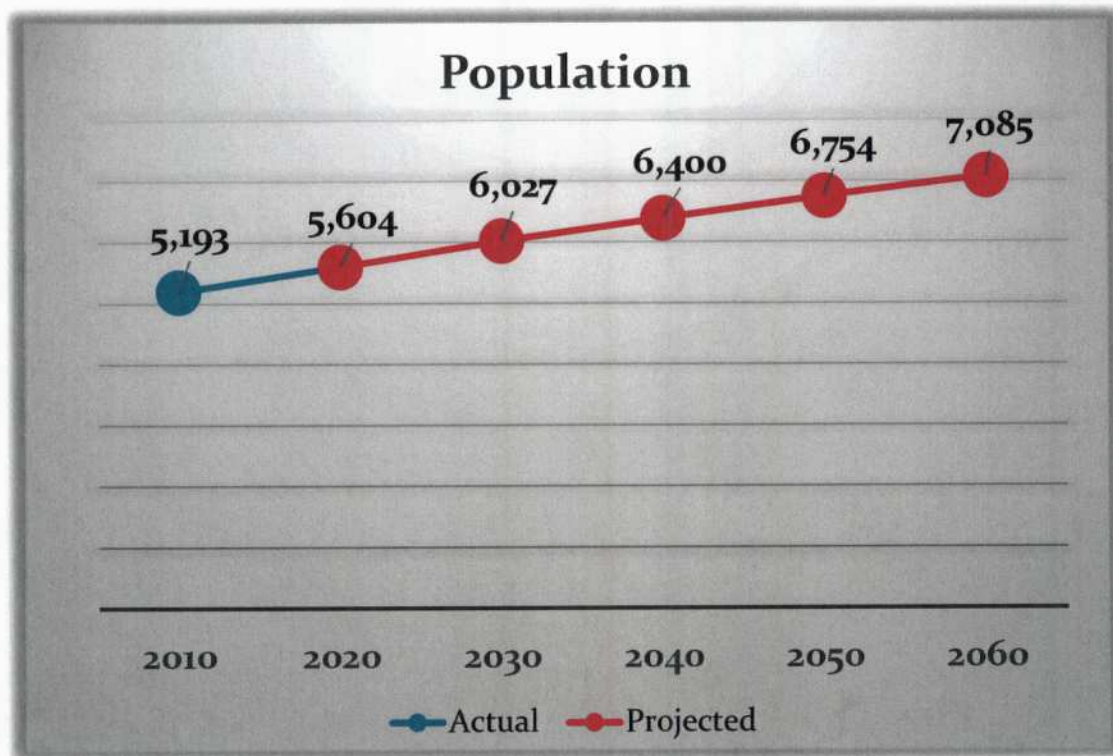
- Irrigation of landscape areas including yards, parks, athletic fields, and golf courses.
- Use of water to wash any motor vehicle, boat, trailer, airplane, or other vehicle.
- Use of water to wash down any sidewalks, walkways, driveways, parking lots, athletic courts, or buildings or other structures for purposes other than immediate fire protection, other hard surfaced areas.
- Flushing gutters or permitting water to run or accumulate in any gutter or street.
- Use of water to fill, refill, or add to any swimming pools or Jacuzzi type pools or any outdoor recreational use of water.
- Use of water in an outside fountain or pond for aesthetic or scenic purposes, except where necessary to support aquatic life.

UTILITY PROFILE

The TWDB Utility Profile form is located in Appendix B and a map of the City is located in Appendix C. Data is managed by utility staff on a daily basis and organized to be able to track water production and deliveries to the highest practicable levels.

POPULATION

The population of the City has increased steadily throughout its history. The approved 2016 TWDB and Region I population projections, shown below, predict that the City will grow to have over 7,000 residents by 2060.



WATER SYSTEM

The City currently has 2,421 active connections. The City operates two water treatment plants with a combined treatment capacity of 4.5 million gallons per day (MGD). The City maintains 3 storage tanks and a standpipe with a ground storage capacity of 4.75 million gallons and an elevated storage capacity of 1.50 million gallons. Wastewater is treated at the City’s East Bank Wastewater Treatment Plant, which is permitted for a design flow of 1.77 MGD and a two-hour peak flow of 4.40 MGD.

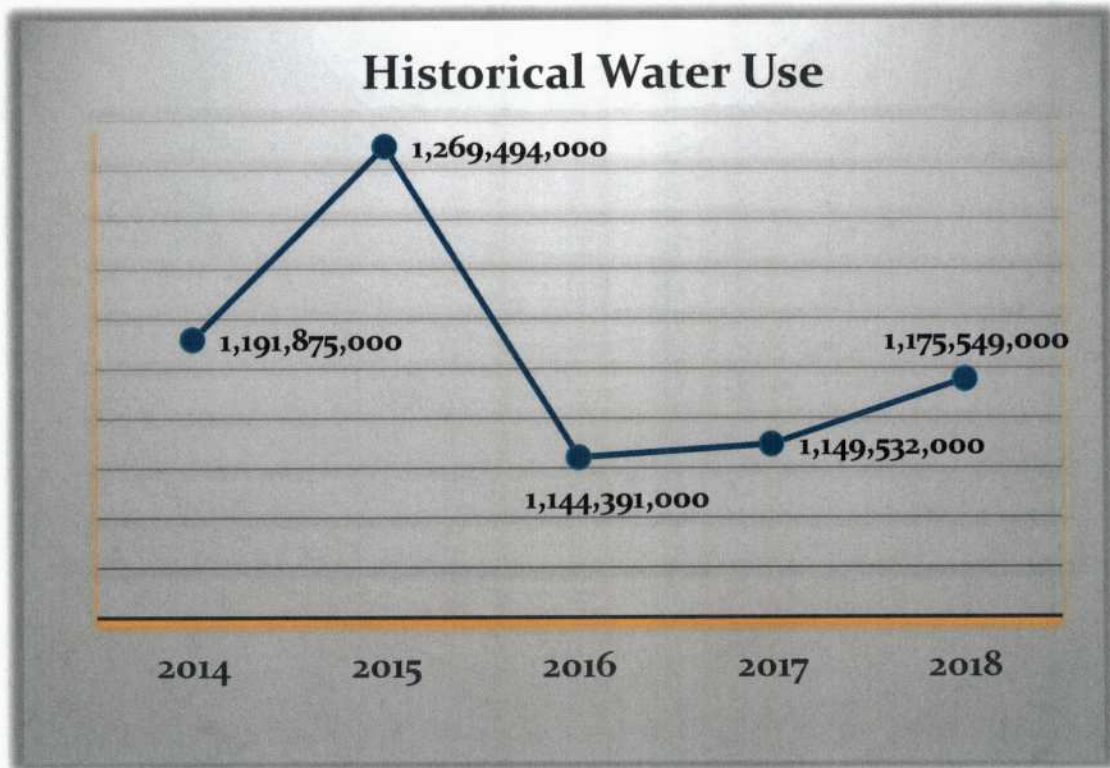
WATER CONSERVATION & DROUGHT CONTINGENCY PLAN

WATER SUPPLY

The City of Center obtains 100% of its water from Lake Pinkston and Center Lake. Lake Pinkston is located in the Neches Basin and up to 3,800 acre-feet per year can be diverted under COA 06-4404. Center Lake is located in the Sabine Basin and up to 1,460 acre-feet per year can be diverted under Certificate of Adjudication (COA) No. 05-4675. Both Certificates of Adjudications are located in Appendix A.

WATER DEMANDS

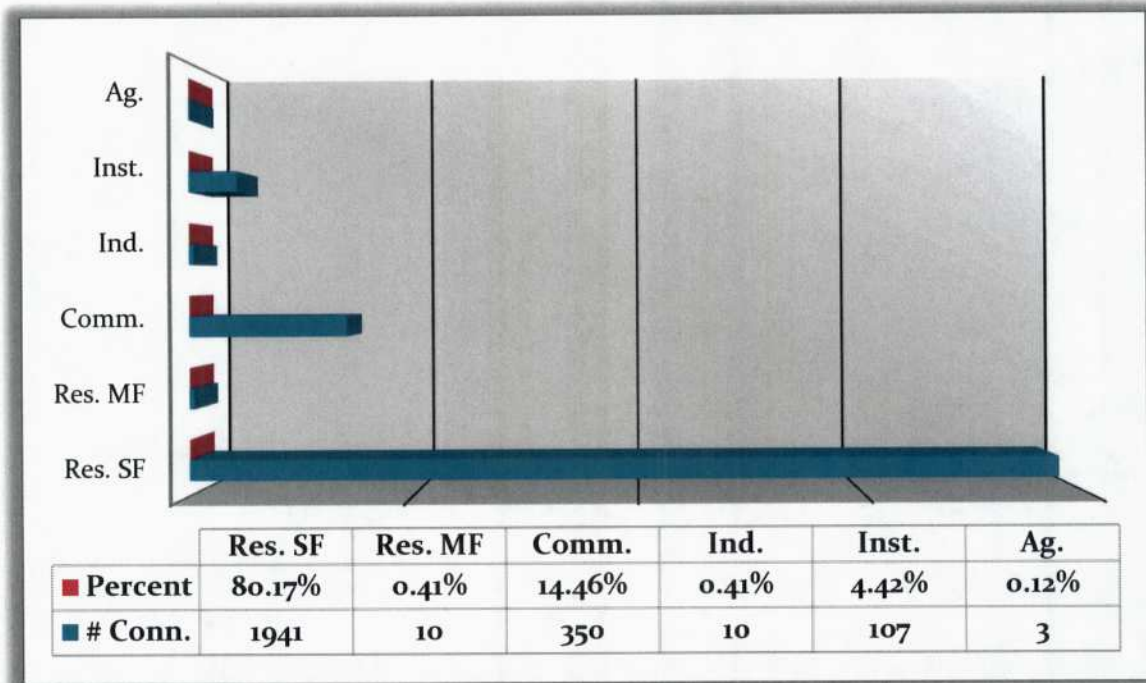
Over the previous 5 years, the City averages 1,186,164,600 gallons (3,640 acre-feet) of water use annually.



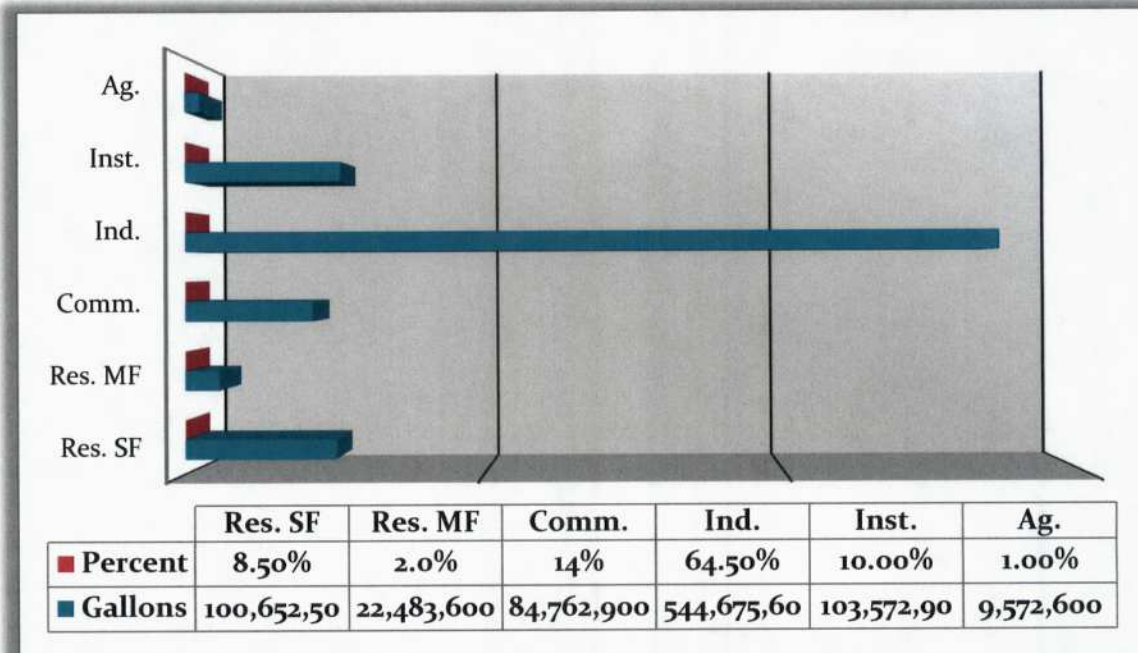
WATER CONSERVATION & DROUGHT CONTINGENCY PLAN

WATER USE SECTORS

2018 Distribution (number of connections and percentage) of retail service connections is shown below.



2018 Water use (gallons consumed and percentage) for each sector is shown below.



WATER CONSERVATION & DROUGHT CONTINGENCY PLAN

Of the 2,421 retail connections, 80.17 % are Single Family (SF) Residential, 14.46 % are Commercial, 4.42 % are Institutional, 0.41 % are Multi-Family (MF) Residential, and 0.41 % are Industrial. Water use totals, however, Industrial represents 64.5%, 10% is institutional, 8.5% is SF Residential, 14% is Commercial, and 2% is MF Residential. Residential use represents 10.5% of total water use.

PER CAPITA WATER USE

Per capita water use is generally expressed in gallons per customer per day (GPCD) and is the average amount of water used by each person in the population served by a water utility. Variables that can influence GPCD include the relative amount of non-residential water uses, the rate and type of growth, economics, demographics, and for Residential uses particularly the weather.

Residential GPCD is a superior metric for understanding how much water each resident is actually using and does not include commercial, institutional, or industrial uses. For the previous five years, Total and Residential GPCD for the City are shown below. At this time, Single Family and Multi-Family Residential uses are combined.

Year	Population	Residential Use (SF + MF)	Residential GPCD (SF + MF)	Total System Input	Total GPCD
2014	5,300	143,506,700	83	1,184,442,412	612
2015	5,316	133,794,200	69	1,149,457,286	525
2016	5,132	130,365,400	70	1,078,459,596	466
2017	4,850	121,587,600	69	1,048,107,696	553
2018	5,193	123,136,100	70	1,058,147,157	558

PER CAPITA WATER USE GOALS

The City of Center's per capita water conservation goals for the next 10 years are based upon the Texas Water Conservation Implementation Task Force's recommendation of a reduction in per capita water use by 1% per year. Due to the disproportionate amount of non-population dependent water use for the City, meaningful Total GPCD goals are not possible to obtain at this time. Residential per capita usage goals, shown below, are based upon the average usage for the previous five years.



SCHEDULE AND TRACKING

The City Manager or his designee will act as the Administrator of the water conservation program. The Administrator will oversee the execution and implementation of all elements of the program. The Administrator is responsible for maintaining adequate records for program verification.

The Administrator will monitor the progress of the Water Conservation Plan, using information from water utility records and staff. Additionally, the Administrator will be responsible for submission of an annual report to the TWDB on the progress, and any changes to, the Water Conservation Plan.

UNIVERSAL METERING AND RECORDS MANAGEMENT

The City employs metering devices on all source water diverted capable of measuring the amount of water to within an accuracy of plus or minus 5%. The City requires all retail connections to be metered. All water metered and billed is recorded using the City's billing software, Incode.

METER TESTING, REPAIR, AND REPLACEMENT

The City's meter testing, repair, and replacement program:

- Master meters are tested and calibrated periodically to within an accuracy of plus or minus 5%.
- Meters that have abnormally high or low water usage are changed out as they are identified.
- Meters are replaced on a continuous 10-year cycle.

LEAK DETECTION, REPAIR, AND WATER LOSS CONTROL

The City Center operates and maintains the water transmission system within the city. In order to maintain water delivery service and to reduce and control unaccounted-for water, Center staff routinely visually inspects the distribution system to identify abnormal conditions indicating leaks. The staff is equipped to respond and repair equipment and pipeline breaks or employ contract assistance as required. As a result of these measures, water loss (the difference between water purchased and water sold) has averaged 11.14% over the previous five years. The City's goals for water loss for the next five (5) and ten (10) years is to maintain less than 15% water loss.

WATER RATE STRUCTURE

The City of Center has a uniform water rate structure that is cost based and does not encourage the excessive use of water. Minimum and per thousand gallons water rates are based upon water use sector. The current City of Center rate schedule can be found in Appendix D.

RESERVOIR SYSTEMS OPERATIONS PLAN

The City operates two reservoirs, Lake Pinkston in the Sabine River basin and Center Lake in the Neches River basin. The two reservoirs, however, are in different river basins and cannot be coordinated.

PLUMBING FIXTURES

The State of Texas has recently adopted more stringent water saving performance measures for plumbing fixtures, found in the Health & Safety Code, Chapter 372. The following maximum flow standards are subsequently listed in the Texas Administrative Code, Title 30, Chapter 290, Subchapter G:



Customers in existing buildings that do not have water saving plumbing fixtures are encouraged to retrofit their old plumbing fixtures. New construction, including remodeling of existing structures, must comply with City and State plumbing fixture standards. There are a wide assortment of water efficient fixtures, clothes and dish washers that provide the same performance, but use less water. A water efficient home can save more than 20% of annual indoor water use.

WATER-CONSERVING LANDSCAPING

Water-conserving landscaping is a development concept that encourages residents to adopt low- water- using landscaping principles and methods for use around the home. The same concepts can be applied to other landscaped areas as well, including parks and other public places.

A popular method of reducing water use for landscape irrigation is to encourage residents to use the following techniques for landscaping. Generally accepted principles when planning a water efficient yard are:

- Planning and design. During this step an appropriate plan is developed considering such variables as climate, existing vegetation, intended use of the space, and topographic features.
- Soil analysis. Examine the soil types covering the whole site.
- Appropriate plant selection. Plants should be selected which are native to the area or are adaptive to the site.
- Practical turf areas. Plan where turf areas should be located and consider increasing the area of decks, porous paving, paths, and mulched planting beds to reduce turf.
- Efficient irrigation. Landscaped areas should only be watered as needed and then usually during the early morning or late evening to avoid water loss due to evaporation, keeping in mind some plant species may experience mold and/or fungus growth if watered at night.
- Use of mulches. A three- to four-inch layer of mulch should cover all exposed soil areas and be replenished twice a year.
- Appropriate maintenance. Keep the yard well maintained to reduce the use of fertilizer, chemicals, and water.

CUSTOMER SERVICE INSPECTIONS

A customer service inspection certification as required by the Texas Commission on Environmental Quality (TCEQ), 30 Texas Administrative Code, Chapter 290, §290.46, shall be completed prior to providing continuous water service to new construction or any existing service when the City has reason to believe that cross-connections or other unacceptable plumbing practices exist; or after any material improvement, correction, or addition to the private plumbing facilities. The existence of a serious threat to the integrity of the public water supply shall be considered sufficient grounds for immediate termination of water service.

ADDITIONAL WATER CONSERVATION STRATEGIES

The City will select any combination of the following strategies, in addition to those strategies listed above, if they are necessary to achieve the stated water conservation goals of this Water Conservation Plan. The TCEQ may also require that any of the following strategies be implemented by the City if the TCEQ determines that the strategy is necessary to achieve the goals of this Water Conservation Plan. The additional strategies that may be implemented are:

- Revision of water rates to promote increased water conservation.
- Additional programs to encourage the retrofit of water-conserving plumbing fixtures in existing structures.
- A program for pressure control and/or reduction in the distribution system and/or for customer connections.
- Any other conservation practice, method, or technique which the City shows to be appropriate to achieving the stated goal or goals of this Water Conservation Plan.

WHOLESALE WATER CONSERVATION PROVISION

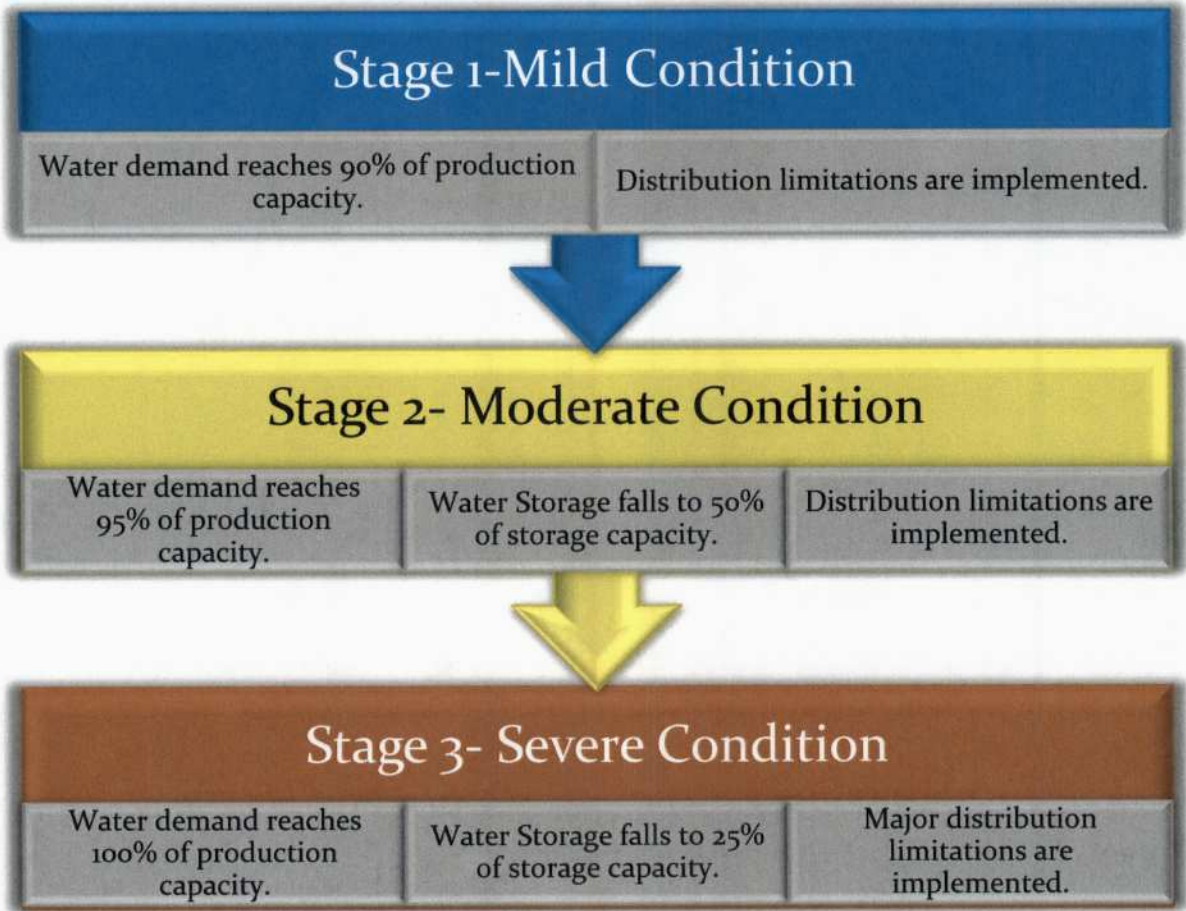
The City of Center will include a requirement in every water supply contract entered into or renewed after official adoption of the water conservation plan, and including any contract extension, that each successive wholesale customer develop and implement a water conservation plan or water conservation measures using the applicable elements of this chapter. If the customer intends to resell the water, then 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 applicable provisions of Title 30 Texas Administrative Code, Chapter 288.



DROUGHT TRIGGERS

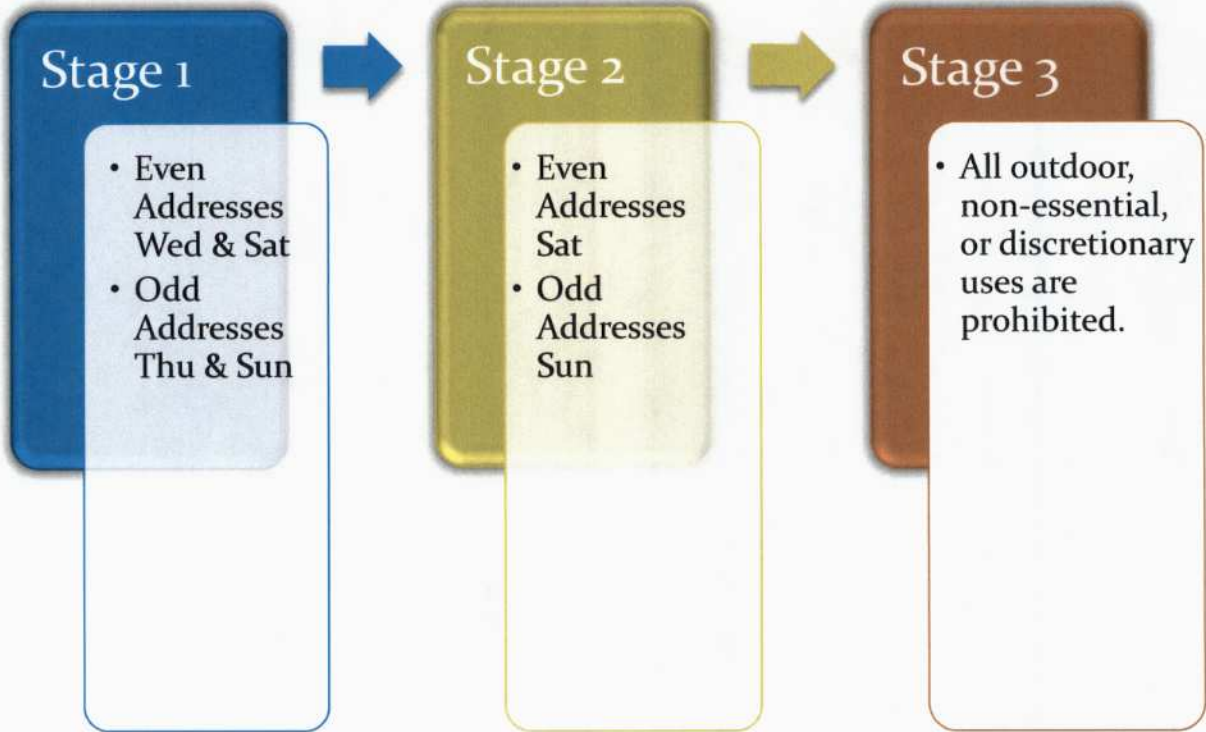
The City Manager will, with the concurrence of the City Council, order the implementation of a drought response stage or water emergency when it is determined that conditions warrant the implementation of the plan.

The City Manager, or designee, shall monitor water supply and/or demand conditions on a daily basis and shall determine when conditions warrant initiation or termination of each stage of the Plan.



WATERING SCHEDULE

The City of Center's landscape watering schedule is shown below.



Stage 1- Mild Condition

Target: 5%
reduction in
total water use

Require
customers to
adhere to Stage
1 watering
schedule

Expand
oversight of
water waste
and watering
schedule

Request
customers to
discontinue
non-essential
uses

Contact TCEQ



Stage 2- Moderate Condition

Target: 10%
reduction in total
water use

Require customers
to adhere to Stage
2 watering
schedule

Expand
enforcement of
water waste and
watering schedule

Contact TCEQ



Stage 3- Severe Condition

Target: 15%
reduction in total
water use

All landscape, non-
essential, and
discretionary uses
of water prohibited

Continue to
enforce water
waste and water
use restrictions

Examine
alternative sources

Emergency Responses

In the event of an identified water shortage declaration, the City of Center will distribute water to wholesale customers according to Texas Water Code, § 11.039.

In the event of a contamination event, appropriate emergency procedures will be implemented and appropriate emergency response officials will be notified immediately. In the event of a backflow incident, loss of pressure, or an Acute Maximum Contaminant Level coliform violation, a Boil Water Notice will be implemented as prescribed in 30 TAC Chapter 290.

In the event of a catastrophic failure due to natural or man-made events, appropriate emergency procedures will be implemented and appropriate emergency response officials will be notified.

In the event of an emergency loss of water supply, the City will consider purchases of water by the truckload or in bottles for the health and public safety of the City's residents.

VARIANCES

The City Manager or designee may, in writing, grant temporary variance for existing water uses otherwise prohibited under this Plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

- Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.
- Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Plan shall file a petition for a variance with the City of Center within five (5) days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the City Manager or designee, and shall include the following:

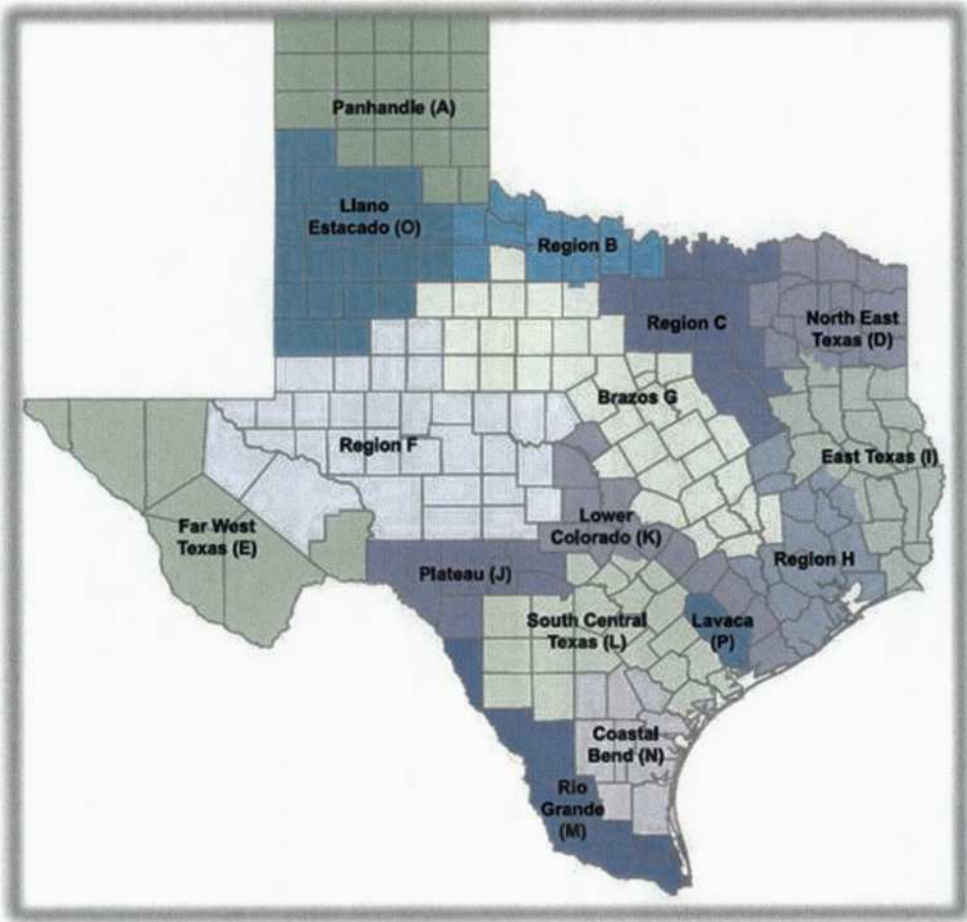
- Name and address of the petitioner(s).
- Purpose of water use.
- Specific provision(s) of the Plan from which the petitioner is requesting relief.
- Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Plan.
- Description of the relief requested.
- Period of time for which the variance is sought.
- Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.
- Other pertinent information.

WHOLESALE DROUGHT CONTINGENCY PROVISION

The City of Center will include a provision in every wholesale water contract entered into after adoption of the Plan, including contract extensions, that in case of a shortage of water resulting from drought, the water to be distributed shall be divided in accordance with Texas Water Code, §11.039.

COORDINATION WITH REGION I PLANNING GROUP

The service area of the City of Center is located within the Region I East Texas Regional Water Planning Group. A copy of this plan will be provided to Region I.



WATER CONSERVATION & DROUGHT CONTINGENCY PLAN

Certificate of Adjudication 06-4404

- C. Owner shall install and maintain a continuous lake level measuring device for the reservoir authorized herein and maintain the following daily records: (a) Reservoir content; (b) Diversions from the reservoir, and (c) Discharges through the dam. All records shall be compiled monthly and reported to the Commission annually and at other times on request.
- D. Owner shall survey and monument an appropriate number of sediment ranges in the reservoir prior to impoundment of water. Drawings showing the location and profile of each range will be submitted to the Commission along with a revised elevation-area-capacity table based on the survey ranges.
- E. Revised elevation-area-capacity tables based on new sediment surveys conducted at 10-year intervals following initial filling of the reservoir shall be submitted to the Commission.

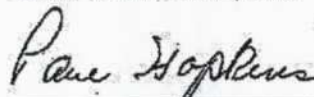
The locations of pertinent features related to this certificate are shown on Page 16 of the Lower Neches and Angelina Rivers Segment Certificates of Adjudication Maps, copies of which are located in the offices of the Texas Water Commission, Austin, Texas and the Shelby County Clerk.

This certificate of adjudication is issued subject to all terms, conditions and provisions in the final decree of the 344th Judicial District Court of Chambers County, Texas, in Cause No. 344-10864, In Re: The adjudication of Water Rights in the Lower Neches and Angelina Rivers Segment of the Neches River Basin and the Eastern Portion of the Neches-Trinity Coastal Basin dated October 30, 1985 and supersedes all rights of the owner asserted in that cause.

This certificate of adjudication is issued subject to senior and superior water rights in the Neches River Basin.

This certificate of adjudication is issued subject to the Rules of the Texas Water Commission and its continuing right of supervision of State water resources consistent with the public policy of the State as set forth in the Texas Water Code.

TEXAS WATER COMMISSION



Paul Hopkins, Chairman

DATE ISSUED:

ATTEST:



Mary Ann Wehner, Chief Clerk

WATER CONSERVATION & DROUGHT CONTINGENCY PLAN

CERTIFICATE OF ADJUDICATION

CERTIFICATE OF ADJUDICATION: 05-4657 OWNER: City of Center
P. O. Box 311
Center, Texas 75935

COUNTY: Shelby PRIORITY DATES: August 4, 1922 and
August 14, 1952

WATERCOURSE: Mill Creek, tributary of BASIN: Sabine River
Huana Creek, tributary of
Tenaha Creek, tributary
of the Sabine River

WHEREAS, by final decree of the 188th Judicial District Court of Gregg County, in Cause No. 86-256-A, In Re: The Adjudication of Water Rights in the Lower Sabine River Segment of the Sabine River Basin dated June 9, 1986, a right was recognized under Permit 664 and Permit 1650 authorizing the City of Center to appropriate waters of the State of Texas as set forth below;

NOW, THEREFORE, this certificate of adjudication to appropriate waters of the State of Texas in the Sabine River Basin is issued to the City of Center, subject to the following terms and conditions:

1. IMPOUNDMENT

Owner is authorized to maintain an existing dam and reservoir on Mill Creek, known as Center Lake, and impound therein not to exceed 446 acre-feet of water. The dam is located in the Jonathan Bittuch Grant, Abstract 1 and the Mason M. Vann Survey, Abstract 751, Shelby County, Texas.

2. USE

Owner is authorized to divert and use not to exceed 1460 acre-feet of water per annum from the aforesaid reservoir for municipal purposes.

3. DIVERSION

- A. Location:
At the perimeter of the aforesaid reservoir.
- B. Maximum rate: 2.67 cfs (1200 gpm).

4. PRIORITY

The time priority of owner's right is August 4, 1922 for the impoundment of 446 acre-feet of water in the aforesaid reservoir and the diversion and use of the first 330 acre-feet of water and

WATER CONSERVATION & DROUGHT CONTINGENCY PLAN

Certificate of Adjudication 05-4657

August 14, 1952 for the diversion and use of the remaining 1130 acre-feet of water.

5. SPECIAL CONDITION

Owner shall maintain a suitable outlet in the aforesaid dam authorized herein to allow the free passage of water that owner is not entitled to divert or impound.

The locations of pertinent features related to this certificate are shown on Page 16 of the Lower Sabine River Segment Certificates of Adjudication Maps, copies of which are located in the office of the Texas Water Commission, Austin, Texas.

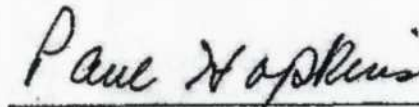
This certificate of adjudication is issued subject to all terms, conditions and provisions in the final decree of the 188th Judicial District Court of Gregg County, Texas, in Cause No. 86-256-A, In Re: The Adjudication of Water Rights in the Lower Sabine River Segment of the Sabine River Basin dated June 9, 1986, and supersedes all rights of the owner asserted in that cause.

This certificate of adjudication is issued subject to senior and superior water rights in the Sabine River Basin.

This certificate of adjudication is issued subject to the obligations of the State of Texas pursuant to the terms of the Sabine River Compact.

This certificate of adjudication is issued subject to the Rules of the Texas Water Commission and its continuing right of supervision of State water resources consistent with the public policy of the State as set forth in the Texas Water Code.

TEXAS WATER COMMISSION


Paul Hopkins, Chairman

DATE ISSUED:

DEC 10 1986

ATTEST:


Mary Ann Hefner, Chief Clerk

APPENDIX B – UTILITY PROFILE



UTILITY PROFILE FOR RETAIL WATER SUPPLIER

CONTACT INFORMATION

Name of Utility: City of Center

Public Water Supply Identification Number (PWS ID): TX2100001

Certificate of Convenience and Necessity (CCN) Number: 10397

Surface Water Right ID Number: 4404, 4657, 5810

Wastewater ID Number: 20148

Contact: First Name: Marcus Last Name: Cameron

Title: Utility Director

Address: P.O. Box 1744 City: Center State: TX

Zip Code: 75935 Zip+4: 1744 Email: MCAMERON@CENTERTEXAS.ORG

Telephone Number: 9365982941 Date: 1/20/2019

Is this person the designated Conservation Coordinator? Yes No

Regional Water Planning Group: I

Groundwater Conservation District:

Our records indicate that you:

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

A. Population and Service Area Data

1. Current service area size in square miles: 7

Attached file(s):

File Name	File Description
City of Center Service Area Map.pdf	City of Center Service Area Map

WATER CONSERVATION & DROUGHT CONTINGENCY PLAN



UTILITY PROFILE FOR RETAIL WATER SUPPLIER

2. 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 Water Service
2018	5,193	2,788	5,193
2017	5,193	0	5,193
2016	6,342	0	5,193
2015	6,000	0	5,193
2014	5,193	0	5,193

3. 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 Water Service
2020	5,604	2,788	5,043
2030	6,027	2,820	5,424
2040	6,400	2,835	5,760
2050	6,754	2,880	6,079
2060	7,085	2,930	6,385

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

Population projections were obtained from the Region I Water Planning Group and TWDB. Wholesale population projection data obtained from Wholesale accounts system managers.

WATER CONSERVATION & DROUGHT CONTINGENCY PLAN



UTILITY PROFILE FOR RETAIL WATER SUPPLIER

B. System Input

System input data for the previous five years.
 Total System Input = Self-supplied + Imported – Exported

Year	Water Produced in Gallons	Purchased/Imported Water in Gallons	Exported Water in Gallons	Total System Input	Total GPCD
2018	1,102,252,525	0	44,105,368	1,058,147,157	557
2017	1,086,622,222	0	38,514,526	1,048,107,696	552
2016	1,078,459,596	0	49,614,747	1,028,844,849	443
2015	1,149,457,286	0	0	1,149,457,286	524
2014	1,216,180,612	0	31,738,200	1,184,442,412	624
Historic 5-year Average	1,126,594,448	0	32,794,568	1,093,799,880	540

C. Water Supply System

Attached file(s):

File Name	File Description
Utility System Details.doc	Water System Details

- 1. Designed daily capacity of system in gallons 5,000,000
- 2. Storage Capacity
 - 2a. Elevated storage in gallons: 1,500,000
 - 2b. Ground storage in gallons: 4,750,000

WATER CONSERVATION & DROUGHT CONTINGENCY PLAN



UTILITY PROFILE FOR RETAIL WATER SUPPLIER

D. Projected Demands

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

Year	Population	Water Demand (gallons)
2020	5,604	1,010,152,300
2021	5,650	1,020,547,600
2022	5,700	1,030,942,900
2023	5,745	1,041,338,200
2024	5,790	1,051,733,500
2025	5,835	1,062,128,800
2026	5,880	1,072,524,100
2027	5,930	1,082,919,400
2028	5,950	1,093,314,700
2029	6,000	1,103,710,000

2. Description of source data and how projected water demands were determined.

Used historical water used trend over the previous eight (8) years. Population data was estimated using Region I data, and population trend estimate.

Attached file(s):

File Name	File Description
2010-18 Water Production Worksheet.xlsx	Historical water prod. trend



UTILITY PROFILE FOR RETAIL WATER SUPPLIER

E. High Volume Customers

1. The annual water use for the five highest volume

RETAIL customers.

Customer	Water Use Category	Annual Water Use	Treated or Raw
Tyson Foods	Industrial	544,675,600	Treated
Pilgrims Pride	Industrial	4,360,600	Treated
Hidden Creek Mobile Park	Residential	4,330,800	Treated
Pine Grove Nursing Home	Institutional	3,076,700	Treated
Shofner's Washateria	Commercial	2,146,700	Treated

2. The annual water use for the five highest volume

WHOLESALE customers.

Customer	Water Use Category	Annual Water Use	Treated or Raw
Sandhill WSC	Municipal	38,268,300	Treated
Flatfork WSC	Municipal	3,631,800	Treated

F. Utility Data Comment Section

Additional comments about utility data.

Data compiled using Incode software. Consumption reports & customer ranking. City of Center usages, (water/sewer plants, parks and offices not included)

WATER CONSERVATION & DROUGHT CONTINGENCY PLAN



UTILITY PROFILE FOR RETAIL WATER SUPPLIER

Section II: System Data

A. Retail Water Supplier Connections

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

Water Use Category Type	Total Retail Connections (Active + Inactive)	Percent of Total Connections
Residential - Single Family	1,941	80.17 %
Residential - Multi-Family	10	0.41 %
Industrial	10	0.41 %
Commercial	350	14.46 %
Institutional	107	4.42 %
Agricultural	3	0.12 %
Total	2,421	100.00 %

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

Year	Net Number of New Retail Connections						Total
	Residential - Single Family	Residential - Multi-Family	Industrial	Commercial	Institutional	Agricultural	
2018	2	0	0	2	0	0	4
2017	0	0	0	0	0	0	0
2016	188	0	0	0	0	3	191
2015	0	0	0	3	4	0	7
2014	35	0	4	0	0	0	39

WATER CONSERVATION & DROUGHT CONTINGENCY PLAN



UTILITY PROFILE FOR RETAIL WATER SUPPLIER

B. Accounting Data

The previous five years' gallons of RETAIL water provided in each major water use category.

Year	Residential - Single Family	Residential - Multi-Family	Industrial	Commercial	Institutional	Agricultural	Total
2018	100,652,500	22,483,600	544,675,600	54,762,900	103,572,900	9,572,600	835,720,100
2017	96,760,600	24,827,000	510,550,400	68,085,100	105,133,400	6,625,900	811,982,400
2016	107,956,000	22,409,400	519,793,100	82,621,500	92,145,100	4,907,200	829,832,300
2015	113,220,100	20,574,100	564,770,300	72,789,000	39,317,000	8,653,300	819,323,800
2014	121,311,900	22,194,800	557,856,700	70,338,300	31,875,100	0	803,576,800

C. Residential Water Use

The previous five years residential GPCD for single family and multi-family units.

Year	Residential - Single Family	Residential - Multi-Family	Total Residential
2018	70		70
2017	69		69
2016	70		70
2015	69		69
2014	83		83
Historic Average	72	0	72

WATER CONSERVATION & DROUGHT CONTINGENCY PLAN



UTILITY PROFILE FOR RETAIL WATER SUPPLIER

D. Annual and Seasonal Water Use

1. The previous five years' gallons of treated water provided to RETAIL customers.

Month	Total Gallons of Treated Water				
	2018	2017	2016	2015	2014
January	87,300,000	95,809,000	86,995,000	92,571,000	92,855,000
February	79,720,000	80,966,000	86,400,000	101,255,000	78,448,000
March	86,297,000	93,603,000	89,247,000	111,442,000	84,530,000
April	90,933,000	88,658,000	83,900,000	94,879,000	81,775,000
May	95,720,000	90,947,000	87,640,000	91,051,000	85,125,000
June	98,714,000	90,745,000	89,143,000	82,830,000	84,290,000
July	98,655,000	91,710,000	90,766,000	96,592,000	87,156,000
August	98,064,000	94,591,000	92,026,000	100,214,000	90,193,000
September	91,230,000	85,702,000	90,071,000	94,770,000	87,274,000
October	93,496,000	90,630,000	95,529,000	96,046,000	90,362,000
November	86,336,000	83,922,000	89,182,000	89,711,000	80,400,000
December	84,765,000	88,473,000	86,776,000	92,349,000	86,008,000
Total	1,091,230,000	1,075,756,000	1,067,675,000	1,143,710,000	1,028,416,000

WATER CONSERVATION & DROUGHT CONTINGENCY PLAN



UTILITY PROFILE FOR RETAIL WATER SUPPLIER

2. The previous five years' gallons of raw water provided to RETAIL customers.

Month	Total Gallons of Raw Water				
	2018	2017	2016	2015	2014
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.

	Summer RETAIL (Treated + Raw)	Total RETAIL (Treated + Raw)
2018	295,433,000	1,091,230,000
2017	277,046,000	1,075,756,000
2016	271,935,000	1,067,675,000
2015	279,636,000	1,143,710,000
2014	261,639,000	1,028,416,000
Average in Gallons	11,547,408.33	45,056,558.33

WATER CONSERVATION & DROUGHT CONTINGENCY PLAN



UTILITY PROFILE FOR RETAIL WATER SUPPLIER

E. Water Loss

Water Loss data for the previous five years.

Year	Total Water Loss in Gallons	Water Loss in GPCD	Water Loss as a Percentage
2018	94,861,455	50	8.97 %
2017	108,091,500	57	10.31 %
2016	89,306,543	39	8.68 %
2015	133,376,623	61	11.60 %
2014	191,036,440	101	16.13 %
Average	123,334,512	62	11.14 %

F. Peak Day Use

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)
2014	2,817,578	2843902	1.0093
2015	3,133,452	3039521	0.9700
2016	2,925,136	2955815	1.0105
2017	2,947,276	3011369	1.0217
2018	2,989,671	3211228	1.0741

G. Summary of Historic Water Use

Water Use Category	Historic Average	Percent of Connections	Percent of Water Use
Residential - Single Family	107,980,220	80.17 %	13.17 %
Residential - Multi-Family	22,497,780	0.41 %	2.74 %
Industrial	539,529,220	0.41 %	65.79 %
Commercial	69,719,360	14.46 %	8.50 %
Institutional	74,408,700	4.42 %	9.07 %
Agricultural	5,951,800	0.12 %	0.73 %

WATER CONSERVATION & DROUGHT CONTINGENCY PLAN



UTILITY PROFILE FOR RETAIL WATER SUPPLIER

H. System Data Comment Section

Section III: Wastewater System Data

A. Wastewater System Data

Attached file(s):

File Name	File Description
Sewer System Details.doc	Sewer System Details

1. Design capacity of wastewater treatment plant(s) in gallons per day: 1,770,000

2. List of active wastewater connections by major water use category.

Water Use Category	Metered	Unmetered	Total Connections	Percent of Total Connections
Municipal			0	0.00 %
Industrial	0	0	0	0.00 %
Commercial	0	10	10	2.14 %
Institutional	0	350	350	74.95 %
Agricultural	0	107	107	22.91 %
Total	0	467	467	100.00 %

3. Percentage of water serviced by the wastewater system: 90.00 %

WATER CONSERVATION & DROUGHT CONTINGENCY PLAN



UTILITY PROFILE FOR RETAIL WATER SUPPLIER

4. Number of gallons of wastewater that was treated by the utility for the previous five years.

Month	Total Gallons of Treated Water				
	2018	2017	2016	2015	2014
January	26,266,000	36,137,000	37,927,000	40,195,000	30,198,000
February	38,822,000	28,249,000	30,552,000	29,499,000	29,812,000
March	44,597,000	32,044,000	45,229,000	52,982,000	35,424,000
April	38,932,000	31,040,000	41,321,000	50,405,000	34,080,000
May	32,248,000	37,759,000	37,667,000	53,794,000	40,059,000
June	34,029,000	44,960,000	40,751,000	45,709,000	40,841,000
July	33,050,000	38,414,000	36,536,000	38,962,000	39,323,000
August	31,241,000	47,053,000	40,164,000	35,508,000	35,292,000
September	33,483,000	37,774,000	32,290,000	31,602,000	32,434,000
October	47,994,000	29,679,000	29,968,000	32,799,000	31,142,000
November	49,142,000	25,964,000	29,032,000	41,984,000	27,822,000
December	55,239,000	23,910,000	32,562,000	43,665,000	28,017,000
Total	465,043,000	412,983,000	433,999,000	497,104,000	404,444,000

5. Could treated wastewater be substituted for potable water?

Yes
 No

B. Reuse Data

1. Data by type 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 (park,golf courses)	0
Agricultural	
Discharge to surface water	465,043,000
Evaporation Pond	
Other	
Total	465,043,000



UTILITY PROFILE FOR RETAIL WATER SUPPLIER

C. Wastewater System Data Comment

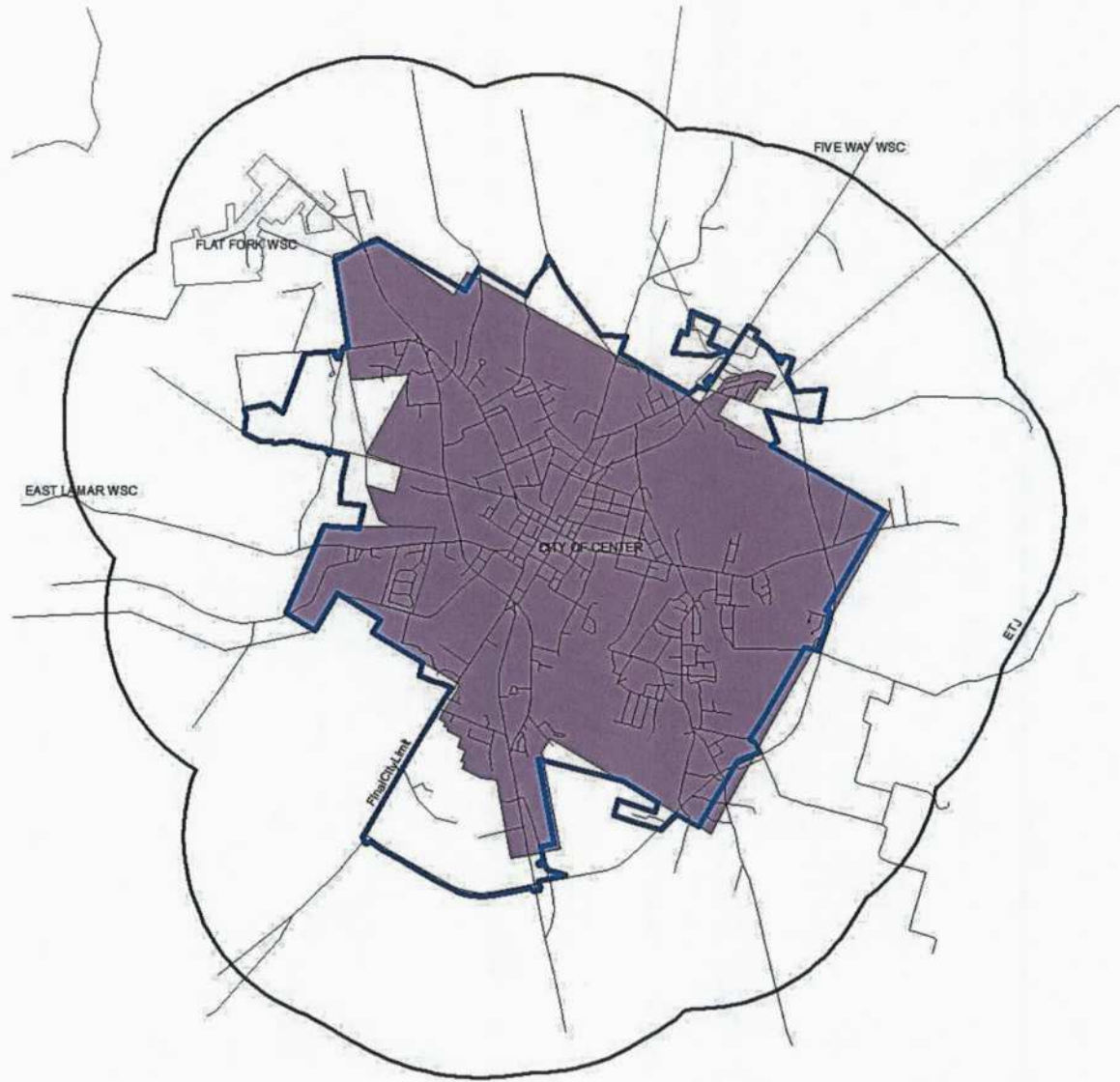
Additional comments and files to support or explain wastewater system data listed below.

Used Wastewater production worksheet also used for NetDMR

Attached file(s):

File Name	File Description
2018 WW Treatment Worksheet.xlsx	WW Production Worksheet

APPENDIX C – CITY MAP



APPENDIX D – RATE SCHEDULE

A. WATER RATES					
1. Monthly Minimum Charge:					
METER SIZE	Residential/ Commercial	Small Industrial/ Manufacturer 200,000 gal. incl.	Wholesale 50,000 gal. incl.	Large Industrial/ Manufacturer 5,000,000 gal. incl.	Industrial/Manufacturer Supplemental Meter Charges at Same Facility
5/8	11.95				
¾	11.95				
1	16.80				
1.5	24.90				
2	33.75	825	265	12,500	48.50
3	50.50	900	360	12,750	138
4	67.50	1,050	510	13,150	315
6	101.00	1,375	790	13,675	590
8		1,785	1,275	14,500	1,020
10		2,400	1,810	15,600	1,650
SPRINKLERS	19.50				
2. Unit Cost per 1,000 gallons:					
	Residential, Commercial, and Sprinklers			\$3.88	
	Small Industrial/Manufacturer			\$3.32	
	Wholesale			\$3.32	
	Large Industrial/Manufacturer			\$2.05	
	Over 1.75 M/day or 30M/month			\$2.50	
	Over 2M/day or 40M/month			\$3.35	
	Bulk Water			\$3.88	
3. Outside City Rates are double (2X) the amounts shown in the rate table.					
B. SEWER RATES					
	Residential:	\$14.00 + ½ Water Bill with a maximum monthly charge of \$42.00			
	Commercial:	\$15.00 + ½ Water Bill with no maximum monthly charge			
	Fixed Rates:	\$270 per month (Tyson office acct.)			
	Outside City:	Double (2X) the rates as shown.			
	Sewer Disposal -	.06 per gallon.			
C. GARBAGE RATES					
	1. Residential and Hand Collection Commercial				
	Customer Class	Fee			
	Residential	\$ 21.75			
	Comm. Small	\$ 25.75			
	Comm. Large	\$ 34.85			

APPENDIX E – ORDINANCE

ORDINANCE NO. 2019-04
AN ORDINANCE REGULATING CURFEWS FOR MINORS

WHEREAS, the City Council has determined that there has been an increase in juvenile violence, juvenile criminal activity and an increase in crime by persons under the age of eighteen (18) in the City of Center; and

WHEREAS, some persons under the age of eighteen years are particularly susceptible by their lack of maturity and experience to participate in unlawful and undesirable activities and to be victims of older perpetrators of crime; and

WHEREAS, the City of Center has an obligation to provide for the protection of minors from each other and from other persons, for the enforcement of parental or guardian control of and responsibility for their minors, for the protection of the general public, and for the reduction of the incidence of juvenile criminal activities; and

WHEREAS, a curfew for those persons under eighteen (18) years of age will be in the interest of the public health, safety, and general welfare, and will help to attain the foregoing objectives and to diminish the undesirable impact of such conduct on other citizens of the City of Center;

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

Section 1. That the findings contained in the preamble to this ordinance are determined to be true and correct and are hereby adopted as part of this ordinance.

Section 2. **Definitions:** The following words, terms and phrases when used in this ordinance shall have the meanings ascribed to them in this section, unless the context of their usage clearly indicates another meaning.

- A. **Emergency** - shall mean an unforeseen combination of circumstances or the resulting state that calls for immediate action. The term shall include but not limited to a fire, natural disaster, vehicular accident, or a serious medical condition of sudden on set.
- B. **Guardian** - shall mean the person who, under a court order, is the guardian of the person of a minor or the public or private agency with whom a minor has been placed by a court.
- C. **Minor** - shall mean any person under the age of eighteen (18) years.
- D. **Parent** - shall mean a person who is the natural or adoptive parent of a person. As used herein, "parent" shall also include a court appointed guardian or their person eighteen (18) years of age or older, authorized by the parent, by a court order, or by the court appointed guardian to have the care and custody of a person.
- E. **Public Place** - means any place to which the public or a substantial group of the public has access and includes, but is not limited to, streets,

highways, and the common areas of schools, hospitals, apartments, houses, office buildings, transport facilities, and shops.

Section 3. Offenses

- A. It shall be unlawful for any child under the age of eighteen (18) years to knowingly remain, walk, run, stand, drive or ride about, in or upon any public place in the City between the hours 11:00 p.m. and 5:00 a.m. for such periods that begin on a Sunday, Monday, Tuesday, Wednesday or Thursday.
- B. It shall be unlawful for any child under the age of eighteen (18) years to knowingly remain, walk, run, stand, drive or ride about, in or upon any public place in the City between the hours of 1:00 a.m. and 5:00 a.m. on Saturday or Sunday (times after midnight on Friday and Saturday.)
- C. It shall be unlawful for the parent or guardian having legal custody of a minor to knowingly allow or permit the minor to be in violation of the curfew imposed by this Ordinance.

Section 4. Defenses

It is a defense to prosecution under Section 3 of this Ordinance that:

- A. The minor was accompanied by his or her parent or guardian;
- B. The minor was accompanied by an adult designated by his or her parent or guardian;
- C. The minor was on an errand made necessary by an emergency;
- D. The minor was attending a school, religious, or government sponsored activity or was traveling to or from a school, religious, or government sponsored activity;
- E. The minor was engaged in a lawful employment activity or was going directly to or coming directly from lawful employment;
- F. The minor was on an errand directed by his or her parent or guardian;
- G. The minor was in a motor vehicle involved in intrastate or interstate transportation;
- H. The minor was engaged in, participating in, or traveling to or from any event, function or activity for which the application of Section 3 of this Ordinance would contravene his or her rights protected by the Texas or United States Constitution;
- I. The minor was married or had been married or had disabilities of minority removed in accordance with Chapter 31 of the Texas Family Code.

Section 5. Enforcement

Notwithstanding the penal effect of this Ordinance, the Chief of Police is encouraged to develop alternative enforcement strategies, which may include but not limited to the return of minors to their residence, counseling with minors and their parents or guardians, or the issuance of citations (formal and/or warnings) to minors or their parents or guardians.

Section 6. Penalty

That a person violating a provision of this Ordinance shall upon conviction be punishable by a fine not to exceed \$200.00.

Section 7. Severability

It is hereby declared to be the intention of the City Council that if any of the sections, paragraphs, sentences, clauses and phrases of this ordinance shall be declared unconstitutional or otherwise illegal by the valid judgment or decree of any court of competent jurisdiction, such event 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 unconstitutional or illegal phrase, clause, sentence, paragraph or section.

PASSED AND APPROVED THIS 28th DAY OF JANUARY 2019.

David Chadwick, Mayor

ATTEST:

Barbara Boyd, City Secretary

APPROVED AS TO FORM:

James Payne, City Attorney