



City of Garden Ridge

9400 Municipal Parkway
Garden Ridge, Texas 78266-2600
(210) 651-6632
Fax (210) 651-9638

AGENDA **REGULAR CITY WATER COMMISSION MEETING**

Tuesday, April 22, 2014 at 6:00 P.M.

The Garden Ridge City Water Commission will meet in regular session on Tuesday, April 22, 2014 at 6:00 p.m. in the City Council Chambers, City Hall, 9400 Municipal Parkway, Garden Ridge, Texas. This meeting is open meeting, open to the public, subject to the Open Meetings Law of the State of Texas, and as required by law, notice is hereby posted on Friday, April 18, 2014 before 5:00 p.m., providing time, place, date and agenda thereof. The meeting facility is wheelchair accessible and accessible parking spaces are available. Requests for accommodations or interpretive services must be made 48 hours in advance of this meeting.

1. Call to Order
2. Roll Call
3. Citizen's Participation – 3 minute limit per citizen

Rules for Citizen's Participation:

The Water Commission welcomes citizen participation and comments at all of their Commission Meetings. As a courtesy to your fellow citizens and out of respect to our appointed officials, we must request that if you wish to speak, that you please follow these guidelines.

- a. Direct your comments to the entire Commission, not to an individual member, nor to the audience.
- b. Show the Water Commission the same respect and courtesy that you would like to be shown.
- c. Limit remarks to three (3) minutes per citizen during Item 3.
- d. Citizen comments may be deferred to a specific Business Item set forth in Section 5, below, if such comments pertain to such Business Item.

*NOTE: The Texas Open Meetings Act permits a member of the public or a member of the governmental body to raise a subject that has not been included in the notice for the meeting. However, any discussion of the subject **must be limited** to a proposal to place the subject on the agenda for a future meeting and any response to a question posed to the Commission is limited to either a statement of specific factual information or a recitation of existing policy. TEX. GOV'T CODE § 551.042.*

4. Approval of Minutes
 - a) March 25, 2014 Regular Water Commission Meeting
5. Business Items

The City Water Commission may discuss, consider and/or take possible action on recommendation to the City Council on the following:

- a) Update on Comprehensive Water Plan assignments/projects
 - b) Water Conservation Public Awareness Program for the City of Garden Ridge
 - c) Possible amendments to Ordinance 159-092010 establishing landscape and irrigation system requirements for residential and commercial properties in the City of Garden Ridge for the purpose of water conservation; providing for variances and providing a for violation of said ordinance
 - d) City Council establishment of Water Search Committee
6. Update on actions taken by the City Council in previous City Council Meetings
 7. Water Manager Monthly Activity Report
 - a) Water pumping/usage from city wells
 - b) Water system infrastructure maintenance, repairs and/or projects
 - c) Static levels, drawdown levels and flow rates on the Trinity Well
 - d) Water and/or Drought Management
 8. Adjourn

AGENDA NOTICES:

Decorum Required:

Any disruptive behavior, including shouting or derogatory statements or comments may be ruled out of order by the Presiding Officer. Continuation of this type of behavior could result in a request by the Presiding Officer that the individual leave the meeting, and if refused, an order of removal.

Action by Commission Authorized:

The Commission may vote and/or act upon any item within this Agenda. The Commission reserves the right to retire into executive session concerning any of the items listed on this Agenda, pursuant to and in accordance with Texas Government Code Section 551.071, to seek the advice of its attorney about pending or contemplated litigation, settlement offer or on a matter in which the duty of the attorney to the governmental body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas conflict with the Open Meetings Act and may invoke this right where the City Attorney, the Mayor or a majority of the Governing Body deems an executive session is necessary to allow privileged consultation between the City Attorney and the governing body, if considered necessary and legally justified under the Open Meetings Act. The City Attorney may appear in person, or appear in executive session by conference call in accordance with applicable state law.

Executive Sessions Authorized:

This agenda has been reviewed and approved by the City's legal counsel and the presence of any subject in any Executive Session portion of the agenda constitutes a written interpretation of Texas Government Code Chapter 551 by legal counsel for the governmental body and constitutes an opinion by the attorney that the items discussed therein may be legally discussed in the closed portion of the

meeting considering available opinions of a court of record and opinions of the Texas Attorney General known to the attorney. This provision has been added to this agenda with the intent to meet all elements necessary to satisfy Texas Government Code Chapter 551.144(c) and the meeting is conducted by all participants in reliance on this opinion.

Attendance By Other Elected or Appointed Officials:

It is anticipated that members of other city board, commissions and/or committees may attend the meeting in numbers that may constitute a quorum of the other city boards, commissions and/or committees. Notice is hereby given that the meeting, to the extent required by law, is also noticed as a meeting of the other boards, commissions and/or committees of the City, whose members may be in attendance. The members of the boards, commissions and/or committees may participate in discussions on the same items listed on the agenda, which occur at the meeting, but no action will be taken by such in attendance unless such item and action is specifically provided for on an agenda for that board, commission or committee subject to the Texas Open Meetings Act.


Shelley Goodwin
City Secretary

This is to certify that I, Shelley Goodwin, posted this Agenda at 5:30 p.m. on April 17, 2014 on the bulletin board located at the entrance to the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas.


Shelley Goodwin
City Secretary



City of Garden Ridge

9400 Municipal Parkway
Garden Ridge, Texas 78266-2600
(210) 651-6632
Fax (210) 651-9638

MINUTES OF CITY WATER COMMISSION REGULAR MEETING
MARCH 25, 2014

Members Present:

Chairman Jim Bower
Commissioner David Heier
Commissioner Jim Kohl
Commissioner Pat Ramirez
Commissioner Ray Pitzen
Commissioner Richard Holloway
Mayor Pro Tem Knaus

Member Absent:

City Staff Present:

Nancy Cain, City Administrator
Royce Goddard, Water Department Manager
Shelley Goodwin, City Secretary

1. Call to Order

With a quorum of the City Water Commissioner present, Chairman Bower called the regular meeting of the Garden Ridge City Water Commission to order at 6:00 p.m. on Tuesday, March 25, 2014, in the City Council Chambers of the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas 78266.

2. Citizen's Participation – 3 minute limit per citizen

No Comments

3. Approval of Minutes

a) February 25, 2014 Regular Water Commission Meeting

Motion: A motion was made by Commissioner Heier, and seconded by Commissioner Holloway, to approve the minutes of the February 25, 2014 Water Commission Meeting. The Water Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

4. Business Items

The City Water Commission may discuss, consider and/or take possible action on recommendation to the City Council on the following:

a) Update on Comprehensive Water Plan assignments/projects

Royce Goddard, Water Manager stated he is still working on a Contingency Plan for Water Department.

b) Water Conservation Public Awareness Program for the City of Garden Ridge

The Water Commission discussed rebates for low flow water systems and the enforcement of Ordinance 159. They also discussed other ways to get awareness of conservation out to the residents.

c) Request from Krippco Enterprises, Inc. for a variance to water new landscape installation for the Woodlands of Garden Ridge located on the west side of Bat Cave Road northwest of its intersection with Schoenthal Road.

Chris Box, Krippco Enterprises, Inc. stated last month he came before the Commission requesting a variance to water new landscape installation at the Woodlands of Garden Ridge, but he was requested to come back with more Xeriscaping and less grass. He stated the new design has 40% less grass and more xeriscaping, the trees will have gater bags and drip irrigation. He also stated the grass that he will be using is Texas native and is only asking for 10 days of watering so the grass can be established.

The Commission discussed the use of xeriscaping, hydroseeding and the number of hours needed for watering while landscaping is getting established.

Motion: A motion was made by Commissioner Holloway, and seconded by Commissioner Ramirez, to recommend the City Council approval of the request from Krippco Enterprises, Inc. for a variance to water new landscape installation for the Woodlands of Garden Ridge located on the west side of Bat Cave Road northwest of its intersection with Schoenthal Road for a period of 10 days. The Water Commission voted six (6) for and none (0) opposed. The motion carried unanimously.

d) Water Rate Increase for the City of Garden Ridge

Robert Balch provided the Water Commission with a PowerPoint of the proposed Water Rate Increase (see attached).

The Water Commission discussed the proposed rates for high users, low users and commercial users. They also discussed different ways to address the high users.

The Water Commission agreed by consensus to get the information out to the public so they can get feedback.

e) Review of watering hours at various stages of drought management plan with possible amendment to allowed watering hours

The Water Commission discussed the watering hours for the various stages in the drought management plan. They also compared them to SAWS watering hours

The Water Commission agreed by consensus to look at what the water study shows regarding the different pressures before considering changes.

f) Possible amendments to Ordinance 61 establishing the drought management plan for the City of Garden Ridge

The Water Commission discussed Ordinance 61 and how it works with Ordinance 54. They agreed by consensus to let Staff review and make recommendation to them.

g) Report on the Habitat Conservation Plan for the EAA and the area

Jim Bower, Chairman, reported he was presented an award for the City of Garden Ridge. It is the U.S. Department of the Interior Partner in Conservation Award for outstanding achievements for the Edwards Aquifer Recovery Implementation Program Balancing the Needs of Wildlife, Water, & People.

Mayor Pro Tem Knaus congratulation Mr. Bower for his dedication and his hard work.

5. Update on actions taken by the City Council in previous City Council Meetings

Nancy Cain, City Administrator, stated the City Council approved a new Ordinance regarding Oak Wilt and the restriction regarding this serious issue. She also stated the City Council granted Mayor Dalton an extended leave of absences while he is getting better. Joe Britan resigned as Mayor Pro Tem and Nadine Knaus was appointed Mayor Pro Tem.

6. Water Manager Monthly Activity Report

a) Water pumping/usage from city wells

Royce Goddard, Water Manager Director reviewed the monthly water pumping/usage from the city wells and discussed the water system operations (see attached).

b) Water system infrastructure maintenance, repairs and/or projects

Nothing to report at this time

c) Static levels, drawdown levels and flow rates on the Trinity Well

Royce Goddard, Water Manager Director reported that the drawdown level was at 104.4 feet and that when the well turns off, the water level returns to the current static level of 177.3 feet.

d) Water and/or Drought Management

The City of Garden Ridge is still currently at Stage 2 Watering Restrictions.

7. Adjourn

Motion: Upon a motion made by Commissioner Pitzen and a second by Commissioner Heier, the meeting was adjourned at 7:37 p.m.

Jim Bower, Chair

ATTEST:

Shelley Goodwin, TRMC
City Secretary

**SIGN IN TO SPEAK AT THE MARCH 25, 2014
CITY WATER COMMISSION REGULAR MEETING**

Rules for Citizen's Participation:

The City Water Commission welcomes citizen participation and comments at all of their Meetings. As a courtesy to your fellow citizens and out of respect to our elected officials, we must request that if you wish to speak, that you follow these guidelines.

- a. Direct your comments to the entire Commission, not to an individual member nor to the audience.
- b. Show the Commission the same respect and courtesy that you expect to be shown to you.
- c. Limit remarks to three (3) minutes.

Disclaimer:

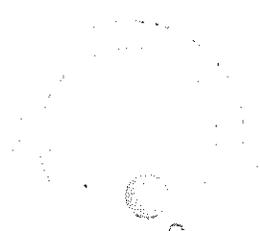
Any disruptive behavior, including shouting or derogatory statements or comments, will be ruled out of order by the Presiding Officer. Continuation of this type of behavior could result in a request by the Presiding Officer that the individual leave the meeting, and if refused, an order of removal.

NAME

ADDRESS

SUBJECT

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____



City of Garden Ridge Water Rate Change

March, 2014

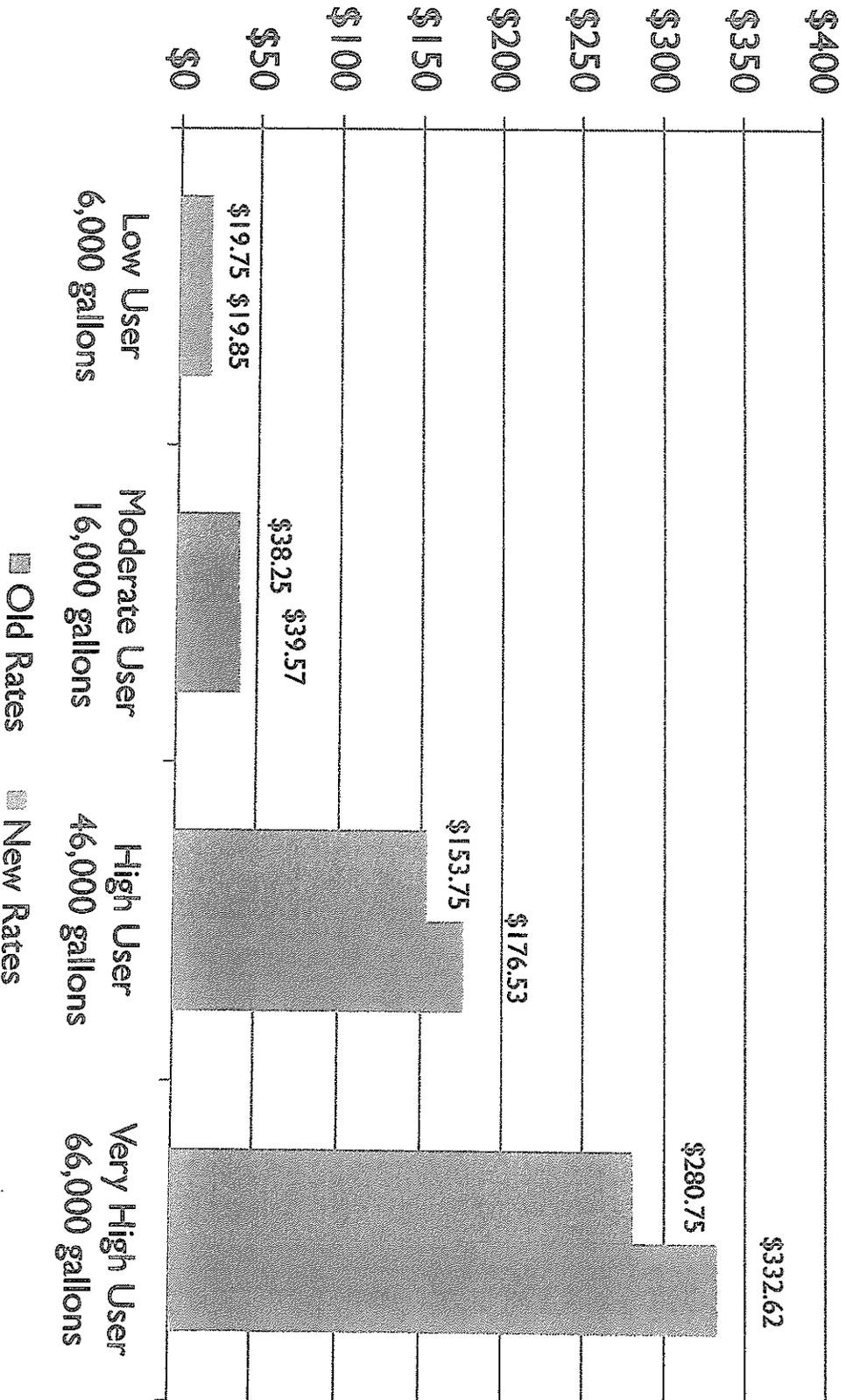
Need for the Rate Change

- Last rate change was in 2000
- Expenses have increased since that time
- Water lease from Schertz
- Need to build up water fund reserves to fund future water requirements
- Need to further enhance rate to encourage conservation

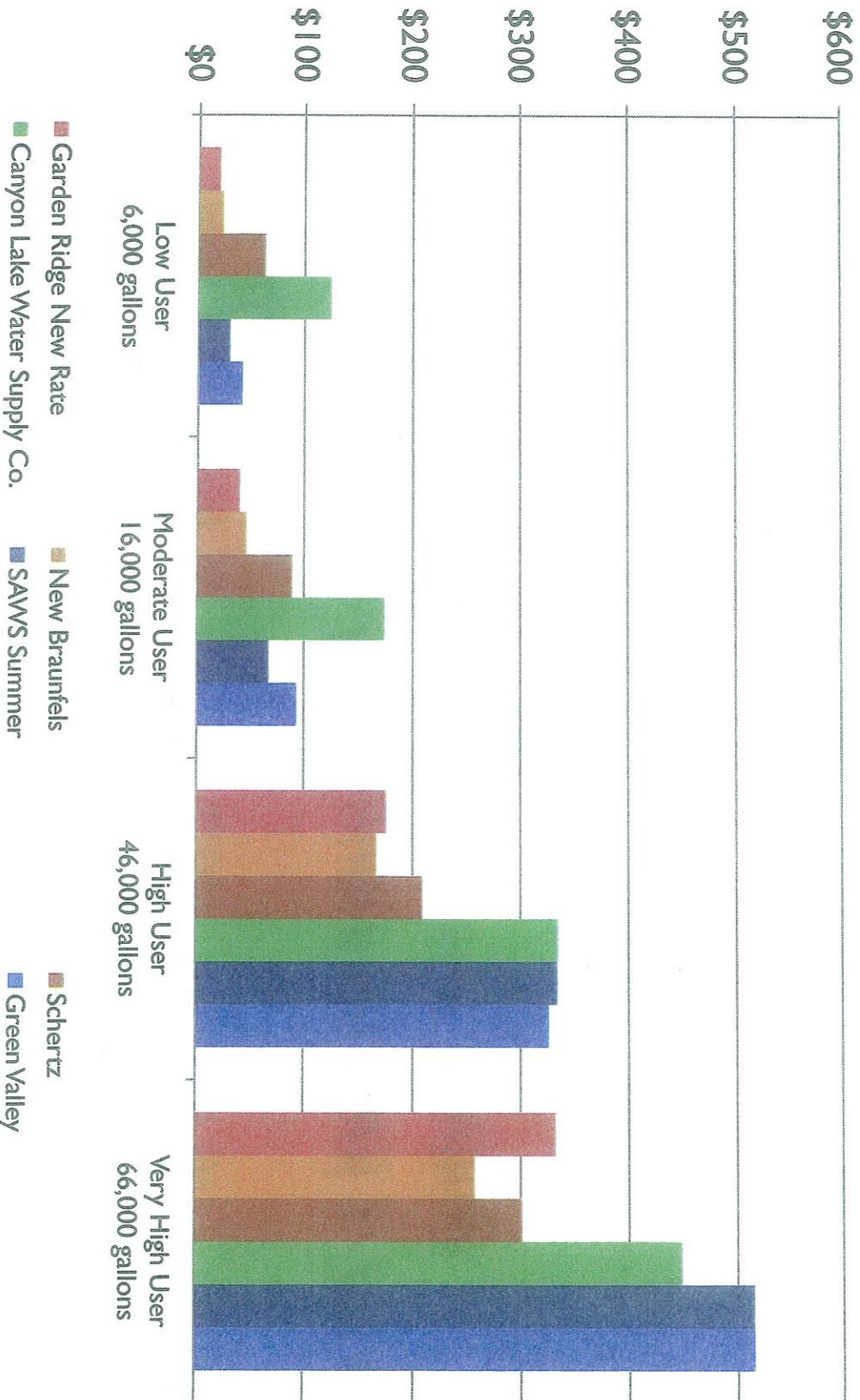
Rate Schedules

	Old Rate	New Rate
Monthly Charge – 5,000 gallons	18.00	18.00
Each additional 1,000 up to 15,000	1.75	1.85
Each additional 1,000 up to 25,000	2.75	3.06
Each additional 1,000 up to 35,000	3.75	4.39
Each additional 1,000 up to 45,000	4.75	5.84
Each additional 1,000 up to 55,000	5.75	7.07
Each additional 1,000 up to 65,000	6.75	8.30
For each block over 65,000, add this amount to the previous block rate for each 1,000 gallons (ie. $8.30 + 1.23 = 9.53$ for each 1,000 up to 75,000)	1.00	1.23

Change in the Monthly Bill



Comparison to Other Nearby Water Companies



Implementation Plan

- Take proposal to Water Commission on March 24, 2014
- Take proposal to City Council on April 2, 2014
- Implement new rates with meter readings beginning April 23, 2014

Irrigation Systems

All irrigation systems shall be designed, installed, maintained, altered, repaired, serviced and operated in a manner that will promote water conservation.

- a. A state licensed irrigator must submit a to scale (1" = 30') detailed plan and schematic of an irrigation system (including any new system, the refurbishing of any existing system and any extension of any existing system) to be installed within the City to the City Water Department for approval and permitting prior to beginning installation.
- b. The plan must include complete coverage of the area to be irrigated.
- c. The irrigation plan must include, at a minimum the following information:
 - (1) Irrigator's seal, signature and date of signing
 - (2) All major physical features and the boundaries of the area(s) to be watered
 - (3) A North arrow
 - (4) A legend
 - (5) The zone flow measurement for each zone
 - (6) Location and type of
 - (a) Controller
 - (b) Sensor (for example, but not limited to rain, moisture, wind, flow or freeze
 - (7) Location, type and size of each
 - A water source, such as but not limited to, a water meter and point(s) of connection
 - B backflow prevention device
 - C water emission device including, but not limited to, spray heads, rotary sprinkler heads, quick-couplers, bubblers, drip or microsprays
 - D valves including, but not limited to, zone valves, master valves and isolation valves
 - E pressure regulation component
 - F main line and lateral piping
 - (8) The scale used
 - (9) The design pressure, which cannot exceed manufacturer's recommendation

Completion of Irrigation System

Upon completion of the irrigation system, there must be a final walk-through with the installer, the City water department and, if possible, the home owner.

The City is to be furnished a copy of the final plan, noting any changes, if any, from the original plan.

ORDINANCE NO. 159-092010

AN ORDINANCE ESTABLISHING LANDSCAPE AND IRRIGATION SYSTEM REQUIREMENTS FOR RESIDENTIAL AND COMMERCIAL PROPERTIES IN THE CITY OF GARDEN RIDGE FOR THE PURPOSE OF WATER CONSERVATION; PROVIDING FOR VARIANCES AND PROVIDING A PENALTY FOR VIOLATION OF SAID ORDINANCE

WHEREAS, the City of Garden Ridge is a growing community with limited water sources; and

WHEREAS, one water source from which the city pumps water from is legislatively regulated and therefore over pumping from the water source can result in significant fines and levies; and,

WHEREAS, due to weather conditions in south Texas droughts are common and can result in mandatory drought and water conservation restrictions and rules which limit the amount and times at which water can be used by residents and businesses in the city; and

WHEREAS, lot sizes in Garden Ridge are a minimum of $\frac{3}{4}$ acres and landscape and sprinkler systems consume approximately 50% of the water metered at residences and businesses in the city and therefore the city has determined that there are means by which this type of water usage can be reduced; and,

WHEREAS, implementing water conservation standards for landscaping and irrigation systems are necessary to preserve and protect the health and safety of the city's residents to ensure an ample water supply for the City of Garden Ridge.

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

Section 1. Definitions.

Groundcover vegetation – means perennial vegetation that spreads along the ground that is adaptive to traffic and requires minimal maintenance and irrigation

Irrigation system - an underground or above ground system of pipes, fittings and sprinkler heads which when in operation dispenses water onto lawns and landscape

Natural state – means an area or areas of a property on which trees, grasses and other vegetation which are native to the area have remained in their natural state

State licensed irrigator – an individual licensed by the State of Texas to design and install irrigation systems

Summer Dormancy – means the ability of turf grass to survive without water for a period of sixty consecutive days during the months of May through September

Turf grass - means perennial grasses that are adapted to regular mowing and traffic through management

Variance - means an exception to any provisions of this ordinance

Xeriscape – a landscape consisting of a maximum of fifty percent turf grass, with the remaining percentage of landscape incorporating low water use plants and/or pervious hardscape

Section 2. Drought Tolerant Grasses and Ground Cover.

- a) All lawns for new residential and commercial properties and developments must be planted with drought tolerant grasses or other drought tolerant ground cover vegetation that has a period of summer dormancy of sixty consecutive days without water during the months of May through September.

Drought Tolerant Lawn Grasses are limited to:

St. Augustine varieties: Floratam variety only

Bermuda varieties: Celebration
GN1
Tex Turf
Tifway 419
Common
Grimes EXP
Tif Sport

Buffalo varieties: All varieties

Zoysia varieties: El Toro
Empire
Jamur
Palisades

No more than 50% of the pervious ground cover can be grass.

As guidance turf grass proportion to lot size is limited to:

$\frac{3}{4}$ acre lot = 32,670 square feet 50% pervious ground cover = 16,335 square feet

1 acre lot = 43,560 square feet 50% pervious ground cover = 21,780 square feet

1.25 acre lot = 54,450 square feet 50% pervious ground cover = 27,225 square feet

- b) Existing residential and commercial properties may restore damaged turf. Turf damage not exceeding 50% of the lawn area may be replaced with the same turf existing prior to damage. Turf damage exceeding 50% of the lawn area must be

replanted with acceptable drought tolerant grass as listed in Section 2(a) above. Lawn area does not include any area or areas on a property which have been allowed to remain in its native state.

Section 3. Xeriscape Landscape.

- a) New residential and commercial properties and developments must use xeriscape landscaping on all areas of the yard that are not planted in turf. Builders and developers are restricted to offering Xeriscape landscape plans which meet this ordinance. All new residential and commercial developments must incorporate xeriscape landscape requirements into subdivision covenants. Lawn area does not include any area or areas on a property which have been allowed to remain in its native state.
- b) Replacement landscaping on existing residential and commercial properties must incorporate xeriscape landscaping consistent with this ordinance.

Section 4. Irrigation Systems.

- a) A state licensed irrigator must submit a detailed plan and schematic of an irrigation system (including any new system, the refurbishing of any existing system, and any extension of any existing system) to be installed within the city to the City Water Department for approval and permitting prior to beginning installation.
- b) All new and refurbished sprinkler systems must have rain sensors installed on the system.
- c) The design of all new, refurbished or extensions of existing sprinkler systems should include water conservation features, such as sprinkler heads which emit large drops of water rather than a fine mist, the use of drip irrigation where possible and sprinkler system layouts that limit the impact of wind.
- d) Irrigation systems must comply with any and all other requirements for such systems as regulated through City of Garden Ridge Ordinance numbers 19, 54 and 61.

Section 5. Variance.

A variance to the ordinance is available to any person or entity if they can demonstrate to the City of Garden Ridge City Council after recommendation from the City Water Commission that they possess an alternative plan and seek permitting for an alternative plan that does not meet the specifications of this ordinance but does have the same conservation impact to the property in question. The determination of what constitutes "the same conservation impact to the property in question" shall be in the sole discretion of the governing body and their determination shall be legislative in nature and final. Such determination of a variance shall be based on the information provided to the Council at the time of the requested variance. All such materials must be provided to the

City at least 30 days prior to any requested action by the Commission, and after Commission action, shall be set for City Council consideration at its next meeting. If supplemental information is presented, such application for variance must return to the Commission for action, prior to Council Action.

Section 6. Penalty.

A violation of this ordinance by act, or omission, including the failure to comply with any requirement of this Ordinance shall be considered a Class C misdemeanor and the municipal court shall have jurisdiction over such offense. Any person, firm, or corporation violating any provision of this ordinance shall be fined not less than one-hundred dollars (\$100) and not more than five-hundred dollars (\$500.00) for each offense. Each day such act or omission occurs, and each section of the ordinance violated constitutes a separate and independent offense.

In addition to misdemeanor prosecution, the City may seek civil penalties pursuant to Chapter 54 of the Texas Local Government Code for any violation and obtain injunction, attorney's fees, costs of court and civil penalties of up to either \$1,000 per day or \$5,000 per day as provided by State Law. Civil penalties are cumulative to criminal penalties.

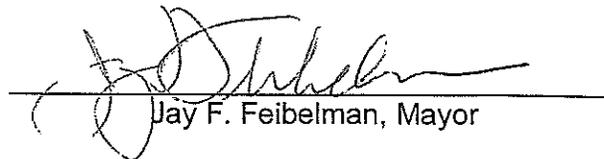
Section 7. Severability

If any section, paragraph, subdivision, clause or phrase of this ordinance shall be adjudged invalid or held unconstitutional, the same shall not affect the validity of this ordinance as a whole or any part of any provision thereof other than the part so decided to be invalid or unconstitutional.

Section 8. Effective Date

This ordinance shall take effect immediately upon its passage, approval and publication according to law.

PASSED AND APPROVED THIS 1st DAY OF SEPTEMBER 2010


Jay F. Feibelman, Mayor

ATTEST:


Yolanda Benitez, City Secretary

Dates are beginning of month

	Static	Pump	Draw	
Jan-11				
Feb-11				
Mar-11				
Apr-11				
May-11				
Jun-11				
Jul-11				
Aug-11				
Sep-11	189.9	114.3	75.6	75
Oct-11	188.1	110.7	77.4	75
Nov-11	190.8	122.4	68.4	75
Dec-11	189.9	121.5	68.4	75
Jan-12	193.5	145.8	47.7	75
Feb-12	199.8	166.5	33.3	75
Mar-12	202.5	169.2	33.3	75
Apr-12	198	164.7	33.3	75
May-12	199.8	166.5	33.3	75
Jun-12	193.5	160.2	33.3	75
Jul-12	191.7	148.5	43.2	75
Aug-12	188.1	122.4	65.7	75
Sep-12	189	126.9	62.1	75
Oct-12	190.8	139.5	51.3	75
Nov-12	189.9	138.6	51.3	75
Dec-12	189.9	140.4	49.5	75
Jan-13	191.7	157.5	34.2	75
Feb-13	189.9	152.1	37.8	75
Mar-13	187.2	130.5	56.7	75
Apr-13	186.3	125.1	61.2	75
May-13	188.1	136.8	51.3	75
Jun-13	189	150.3	38.7	75
Jul-13	183.6	117.9	65.7	75
Aug-13	179.1	95.4	83.7	75
Sep-13	176.4	90	86.4	75
Oct-13	177.3	99	78.3	75
Nov-13	180	108	72	75
Dec-13	179.1	106.2	72.9	75
Jan-14	179.1	108	71.1	75
Feb-14	178.2	103.5	74.7	75
Mar-14	178.2	100.8	77.4	75
Apr-14				
May-14				
Jun-14				
Jul-14				
Aug-14				
Sep-14				
Oct-14				
Nov-14				
Dec-14				

