



City of Garden Ridge

"A way of life, not just a place to live"

AGENDA
WATER COMMISSION
REGULAR MEETING
TUESDAY, OCTOBER 24, 2017 -- 6:00 P.M.

The Water Commission will meet in a regular meeting at 6:00 p.m., Tuesday, October 24, 2017 in the City Council Chambers, 9400 Municipal Parkway, Garden Ridge, Texas. This is an 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 October 22, 2017 before 5:00 p.m., providing time, place, date and agenda thereof. The meeting facility is wheelchair accessible and accessible parking spaces are provided. Requests for accommodations or interpretive services must be made 48 hours prior to this meeting.

1. Call to Order
2. Roll Call
3. Citizen Comments – limited to 30 minutes

Rules for Citizen's Participation:

The Commission welcomes citizen participation and comments at all of their Commission Meetings. The Commission offers citizens the opportunity to address them by signing up to speak prior to the meeting. As a courtesy to your fellow citizens and out of respect for our appointed officials, we request that if you speak, you follow these guidelines:

- a) Respect and courtesy:
 - i. Direct your comments to the entire Commission, not to an individual member, nor to the audience.
 - ii. Show the Commission the same respect that you would like to be shown.
 - iii. Show the Commission courtesy by ending your speaking at the time allotted below.
- b) Speaking:
 - i. First citizen comment period
 - a. You are required to sign up to speak.
 - b. You are limited to three (3) minutes per citizen.
 - ii. Business item period
 - a. You are required to sign up to speak.
 - b. You are limited to three (3) minutes per citizen.
 - iii. Second citizen comment period
 - a. You are not required to sign up.
 - b. You are limited to two (2) minutes per citizen.
 - iv. State your name and address before your comments begin.
 - v. Citizens are only allowed to speak once, unless also speaking during a posted Public Hearing.

*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. Business Items-

The Committee may discuss, consider and/or take possible action on the following items:

- a) Minutes- September 26, 2017 Water Commission Regular Meeting.
- b) Request for renewal of lease from Lloyd Loehman 3 acre feet of Edwards Aquifer Water Rights due to expire on December 31, 2017.
 - i. Review the request.
 - ii. Make recommendation to City Council on the renewal.
- c) Update on the 25 acre feet of Edwards Aquifer Water lease from Leon and Evelyn Timmermann.
- d) Discussion on amending Ordinance 61 Stages 3-5 Restrictions regarding Commercial Use.
- e) Water Manager Monthly Activity Report
 - i. Water pumping/usage from city wells
 - ii. Water system infrastructure maintenance, repairs and/or projects
 - iii. Static levels, drawdown levels and flow rates on the Trinity Well
 - iv. Water and/or Drought Management
- f) Set date, time and location for next meeting (November 28, 2017 at 6:00 p.m.).
- g) Future Agenda Items.

5. Citizen's Participation: - limited to 20 minutes.

See "Rules for Citizen's Participation" under Item 3.

6. Adjournment

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 Council Authorized:

The Commission may vote or act upon any item within this Agenda. The Commission reserves the right to adjourn into closed session at any time during the course of this meeting to discuss any of the matter listed below, as authorized by Title 5, Chapter 55, of the Texas Government Code.

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 the City Council, 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 City Council, 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, TRMC
City Secretary

This is to certify that I, Shelley Goodwin, posted this Agenda at 11:40 a.m. October 20, 2017 on the bulletin board located at the entrance to the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas.


Shelley Goodwin, TRMC
City Secretary



City of Garden Ridge

"A way of life, not just a place to live"

MINUTES OF CITY WATER COMMISSION
REGULAR MEETING
September 26, 2017

Members Present:

Chairman David Heier
Commissioner Andre Bullard
Commissioner Keven Harshbarger
Commissioner Ray Pitzen
Mayor Larry Thompson, ex-officio

Member Absent:

Vice-Chairman Richard Holloway
Commissioner Pat Ramirez

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 Commission present, Chairman Heier called the regular meeting of the Garden Ridge City Water Commission to order at 6:00 p.m. on Tuesday, September 26, 2017 in the City Council Chambers of the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas 78266.

2. Citizen's Participation –limited to 30 minutes

No one signed up to speak.

3. Business Items

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

a) Minutes of the July 25, 2017 Water Commission Meeting

Motion: A motion was made by Commissioner Pitzen, seconded by Commissioner Bullard, to amend the comments made by Jim Bower (during citizen's comments?) to read, *spoke against the drilling of a proposed High School well near the City's wells 9 & 10, due to the negative impact it could have on Garden Ridge.* The Water Commission voted four (4) for and none (0) opposed. The motion passed unanimously.

Motion: A motion was made by Commissioner Pitzen, seconded by Commissioner Bullard, to approve the minutes of the July 25, 2017 Water Commission Meeting. The Water Commission voted four (4) for and none (0) opposed. The motion passed unanimously

b) Request from Leon and Evelyn Timmermann, 9926 Trophy Oaks Dr., for the City of Garden Ridge to consider leasing their 25 acre feet of Edwards Aquifer Water which is located east of Cibolo Creek.

i. Recommendation to City Council.

Nancy Cain, City Administrator, stated the Water Commission directed her to work with the Timmermanns to negotiate an agreement for the lease from the Timmermann's water rights. She state originally the Timmermanns wanted to lease 35 acre feet of Edwards Aquifer Water to the City, but before the negotiations began, they reduced it to 25 acre feet. Ms. Cain stated the agreement details were worked out and the price will be \$135 per acre foot for a period of two years and the City will have first rights to purchase when the Timmermanns sell it.

The Water Commission discussed the purchase process and the current rate the City of Garden Ridge pays for other water leases. They also discussed the need of the water.

Nancy Cain, City Administrator, stated that having extra water rights will give the City a cushion in case there is a need for it.

Mayor Thompson stated that during the negotiations, the City was able to negotiate first right of refusal on the purchase of these water rights. He stated when EAA goes into pumping restrictions, , the City will be in a better position going forward with the extra rights.

Motion: A motion was made by Commissioner Pitzen, and seconded by Commissioner Harshbarger, to recommend to the City Council to approve the request from Leon and Evelyn Timmermann, 9926 Trophy Oaks Dr., for the City of Garden Ridge to consider leasing their 25 acre feet of Edwards Aquifer Water which is located east of the Cibolo Creek at \$135 per acre foot for a period of two years and the City will have first right of refusal on purchase if/when they sell it. The Water Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

c) Resignation of Commissioner Pat Ramirez.

i. Recommendation to City Council

Motion: A motion was made by Commissioner Harshbarger, and seconded by Commissioner Bullard, to recommend to the City Council to accept the resignation of Commissioner Pat Ramirez. The Water Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

d) Nominations and vote on:

i. Water Commission Chair

Motion: A motion was made by Commissioner Bullard, and seconded by Commissioner Harshbarger, to nominate David Heier as Water Commission Chair. The Water Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

ii. Water Commission Vice-Chair

Motion: A motion was made by Commissioner Pitzen, and seconded by Commissioner Harshbarger, to nominate Richard Holloway as Water Commission Vice-Chair. The Water Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

e) Mayor Thompson to address the Water Commission regarding future water rate analysis and adjustments.

Mayor Thompson provided an update on water billing adjustment issue items to the Water Commission. He stated he knows the Water Commission struggles with requests for water variances since the variance allowance was removed from the Ordinance. He stated normally when approving a variance request due to unforeseeable circumstances, it is natural to recommend that the requester pay only for the water cost and not the penalty surcharges. Moreover, other residents should not have to pay for their neighbor's mishaps, whether due to unforeseeable circumstances, lack of regular maintenance, or carelessness. However, determining the cost of the water has proven to be difficult. The City needs to re-evaluate its water rates. The true cost of the water is still being determined. He stated the City is working to load the Water Company with its true expenses because for years the Water Company was indirectly subsidized by the General Fund through shared labor, real estate and equipment. He stated that next year the Water Company will be loaded with 100% of its expenses. . The city will be commissioning a Water Rate Study this year to determine a rate structure that adequately supports the Water Company and is fair to all residents. He recommended leaving the variance adjustments as they are now until after the study is conducted. He stated he also feels a rate for commercial use should be created, especially considering the pending development of F.M. 2252.

f) Set date, time and location for next meeting (October 24, 2017 at 6:00 p.m.).

The next Water Commission meeting will be held on Tuesday, October 24, 2017 at 6:00 p.m. in the City Council Chambers.

g) Future Agenda Items.

The Water Commission added the following items:

- Electronic devices for water meters
- Study idea of providing water to the new high school to help mitigate the impact on Wells 9 & 10

4. Citizen Participation – 3 minute limit per citizen

Bryan Lantzy, 20515 Wahl Lane, thanked the Water Commission for serving.

Shelby Trial, 21657 Forest Waters, thanked the Water Commission for serving. He also spoke on selling back unused Edward Aquifer Authority Water Rights, water rates, and being proactive with the new high school water situation.

5. Adjourn

Motion to adjourn was made by Commissioner Pitzen and seconded by Commissioner Bullard. The motion passed unanimously and the meeting adjourned at 6:34 p.m.

David Heier, Chair

ATTEST:

Shelley Goodwin, TRMC
City Secretary



City of Garden Ridge

"A way of life, not just a place to live"

October 18, 2017

To: Water Commission

From: City Administrator Cain

The lease agreement between the City of Garden Ridge and Lloyd Loehman for three (3) acre feet of Edwards water rights is due to expire on December 31, 2017. Mr. Loehman desires to continue leasing to the City of Garden Ridge three (3) acre feet of Edwards water rights for \$138.50 per acre foot for three (3) years. The lease equates to \$415.50 annually for a total of \$1,246.50 over the full term of the lease. The term of the lease would be January 1, 2018 through December 31, 2020. Mr. Loehman also agrees to give the City the first right for purchase of the Edwards water rights when he decides to offer them for sale.

It is recommended that the City of Garden Ridge renew the lease agreement with Mr. Lloyd Loehman for three (3) acre feet of Edwards water rights at \$138.50 per acre foot for a lease term of three (3) years with the City having first rights for purchase of the water rights.

**APPENDIX A
DEMAND REDUCTION MEASURES**

Watering by automated irrigation systems is restricted year round
between the hours of 10 am and 8 pm.

STAGE 1

Stage One Alert begins when the Edwards Aquifer Authority Test Well J-17 level reaches **660** feet mean sea level at the monitored well and is declared by the Edwards Aquifer Authority (EAA) and/or at the discretion of the Mayor, City of Garden Ridge.

1. Water waste is prohibited to include, allowing water to run off onto a gutter, ditch, or drain; or failing to repair a controllable leak.
2. Watering with an irrigation system or sprinkler, permitted only during the hours of 12 a.m. to 10 a.m. and 8 p.m. to 12 a.m.:
3. Watering with an irrigation system or sprinkler, permitted only once a week on the designated watering day:

Last Digit of Address	Day
0	Monday
1&2	Tuesday
3&4	Wednesday
5&6	Thursday
7&8	Friday
9	Saturday

Areas without a street address, such as medians, neighborhood entryways or common areas water on Wednesdays.

4. Watering with hand-held hose or drip irrigation permitted any day, any time.
5. Residential, commercial, industrial, and agricultural Edwards Aquifer water users should reduce water consumption by any means available.
6. Washing impervious cover such as parking lots, driveways, streets or sidewalks is prohibited.
7. Non-commercial washing of vehicles and mobile equipment (e.g. washing vehicles at a residence) is permitted any day at any time over landscape or other surface where run off is minimized and with the use of a hose using an automatic shut-off nozzle or bucket of 5 gallons or less.
8. Restaurants and other eating establishments are prohibited from serving groundwater to customers except upon request of the customer.
9. No building permits will be issued to homeowners or pool contractors for the construction of new swimming pools unless verification is provided that 100% of water for filling of pool will be brought in from a water source outside of Garden Ridge.
10. Restrictions apply to well users.

This does not apply to non-potable water, gray water, or treated effluent.

Stage 1 restrictions continue until there is an announcement that Stage 1 has been canceled or that Stage 2 is in effect.

STAGE 2

Stage Two Alert begins when the Edwards Aquifer Authority Test Well J-17 level reaches **650** feet mean sea level at the monitored well and is declared by the Edwards Aquifer Authority (EAA) and/or at the discretion of the Mayor, City of Garden Ridge.

1. Water waste is prohibited to include, allowing water to run off onto a gutter, ditch, or drain; or failing to repair a controllable leak.
2. Watering with an irrigation system or sprinkler, permitted only once a week on the designated watering day during the hours of 4 a.m. to 8 a.m. and 8 p.m. to 11 p.m.:

Last Digit of Address	Day
0	Monday
1&2	Tuesday
3&4	Wednesday
5&6	Thursday
7&8	Friday
9	Saturday

Areas without a street address, such as medians, neighborhood entryways or common areas water as if their address ended in a 2.

3. Watering with drip irrigation or a 5 gallon bucket permitted during the hours of 4 a.m. to 8 a.m. and 8 p.m. to 11 p.m. any day.
4. Watering with a hand held hose permitted any day, any time.
5. Washing impervious cover such as parking lots, driveways, streets or sidewalks is prohibited.
6. Non-commercial washing of vehicles and mobile equipment (e.g. washing vehicles at a residence) is permitted any day at any time over landscape or other surface where run off is minimized and with the use of a hose using an automatic shut-off nozzle or bucket of 5 gallons or less.
7. Restaurants and other eating establishments are prohibited from serving groundwater to customers except upon request of the customer.
8. No building permits will be issued for the construction of new swimming pools. The City Administrator may grant a variance for the construction of a swimming pool with proof that water for construction and filling of the pool will be brought in from a water source outside of the city.
9. Filling of existing swimming pools is prohibited unless at least 30% of the water is obtained from a source other than City provided. Groundwater may be used to replenish swimming

pools to maintenance levels. Drainage of swimming pools is permitted only onto a permeable surface or onto a pool deck where water is transmitted directly to a permeable surface.

10. Restrictions apply to well users.

This does not apply to non- potable water, gray water, or treated effluent.

Stage 2 restrictions continue until there is an announcement that Stage 2 has been canceled or that Stage 3 is in effect.

STAGE 3

Stage Three Alert begins when the Edwards Aquifer Authority Test Well J-17 level reaches **640** feet mean sea level at the monitored well and is declared by the Edwards Aquifer Authority (EAA) and/or at the discretion of the Mayor, City of Garden Ridge.

1. Watering with an irrigation system, soaker hose or sprinkler is permitted every other week beginning on the second Monday after Stage III has been declared and only on designated watering day from 4 a.m. – 8 a.m. and 8 p.m. – 11 p.m.

A watering day calendar based upon the last digit of each address will be prepared, distributed and posted monthly during Stage 3 watering restrictions with the following watering schedule as reflected below.

0	Monday
2	Tuesday
4	Wednesday
6	Thursday
8	Friday

1	Tuesday
3	Wednesday
5	Thursday
7	Friday
9	Saturday

Areas without a street address, such as medians, neighborhood entryways or common areas water as if their address ended in a 2.

2. Watering with a drip irrigation or 5 gallon bucket permitted during the hours of 4 a.m. to 8 a.m. and 8 p.m. to 11 p.m. Monday, Wednesday and Friday.
3. Watering with a hand held hose permitted any day, any time.
4. Watering newly planted landscapes permitted only with a variance from Garden Ridge City Council.
5. Washing cars at home is permitted any day at any time over landscape or other surface where run off is minimized and with the use of hose using automatic shut-off nozzle or bucket of 5 gallons or less. Water runoff into streets is prohibited.
6. Water runoff onto streets is prohibited.

7. No person may use groundwater or city provided water for an ornamental outdoor fountain or similar feature.
8. No building permits will be issued for the construction of new swimming pools. The City Administrator may grant a variance for the construction of a swimming pool with proof that water for construction and filling of the pool will be brought in from a water source outside of the city.
9. Filling of existing swimming pools is prohibited unless at least 30% of the water is obtained from a source other than City provided. Groundwater may be used to replenish swimming pools to maintenance levels. Drainage of swimming pools is permitted only onto a permeable surface or onto a pool deck where water is transmitted directly to a permeable surface.
10. Water customers subject to a 100% surcharge for use over 45,000 gallons.

This does not apply to non- potable water, gray water, or treated effluent.

Stage 3 restrictions continue until there is an announcement that Stage 3 has been canceled or that Stage 4 is in effect.

STAGE 4

Stage Four Alert begins when the Edwards Aquifer Authority Test Well J-17 level reaches **630** feet mean sea level at the monitored well and is declared by the Edwards Aquifer Authority (EAA) and/or at the discretion of the Mayor, City of Garden Ridge.

1. All restrictions in Stage 3.
2. Water customers subject to a 200% surcharge for use over 45,000 gallons.
3. Additional restrictions on water use may be established at the discretion of the City Council.

This does not apply to non- potable water, gray water, or treated effluent.

Stage 4 restrictions continue until there is an announcement that Stage 4 has been canceled or that Stage 5 is in effect.

STAGE 5

Stage Five Alert begins when declared by the Edwards Aquifer Authority (EAA) and/or at the discretion of the Mayor, City of Garden Ridge.

1. All restrictions in Stage 4.
2. Conditions as directed by the Mayor and City Council
3. Use Necessary for Public Health or Safety.
4. Notwithstanding any provision of these rules, groundwater may be used when and to the extent it is necessary to prevent danger to public health, safety or welfare or to the extent required by State or Federal law.
5. Water customers subject to a 200% surcharge for use over 45,000 gallons.

This does not apply to non- potable water, gray water, or treated effluent.

CITY OF GARDEN RIDGE WATER CONSERVATION PLAN

Watering by automated irrigation systems is restricted year round
between the hours of 10 a.m. and 8 p.m.

	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5
Watering	Permitted: Watering with hand-held hose or drip irrigation permitted any day, any time.	Permitted: Watering with 5 gallon bucket or drip irrigation permitted 4 a.m. to 8 a.m. and 8 p.m. to 11 p.m. any day. Permitted: with a hand-held hose any day, any time.	Permitted: Watering with 5 gallon bucket or drip irrigation permitted 4 a.m. to 8 a.m. and 8 p.m. to 11 p.m. Monday, Wednesday and Friday. Permitted: with a hand-held hose any day, any time. Variance request: watering newly planted landscapes.	Permitted: Watering with 5 gallon bucket or drip irrigation permitted 4 a.m. to 8 a.m. and 8 p.m. to 11 p.m. Monday, Wednesday and Friday. Permitted: with a hand-held hose any day, any time. Variance request: watering newly planted landscapes	Permitted: Watering with 5 gallon bucket or drip irrigation permitted 4 a.m. to 8 a.m. and 8 p.m. to 11 p.m. Monday, Wednesday and Friday. Permitted: with a hand-held hose any day, any time. Variance request: watering newly planted landscapes
Watering irrigation system or sprinkler	Once a week. Last Digit of address 0 Monday 1 & 2 Tuesday 3 & 4 Wednesday 5 & 6 Thursday 7 & 8 Friday 9 Saturday	Once a week. Last Digit of address 0 Monday 1 & 2 Tuesday 3 & 4 Wednesday 5 & 6 Thursday 7 & 8 Friday 9 Saturday	Every other beginning the second Monday after Stage 3 is called. Last Digit of address 0 Monday 2 Tuesday 4 Wednesday 6 Thursday 8 Friday 1 Monday 3 Tuesday 5 Wednesday 7 Friday 9 Saturday	Every other beginning the second Monday after Stage 4 is called. Last Digit of address 0 Monday 2 Tuesday 4 Wednesday 6 Thursday 8 Friday 1 Monday 3 Tuesday 5 Wednesday 7 Friday 9 Saturday	Every other beginning the second Monday after Stage 5 is called. Last Digit of address 0 Monday 2 Tuesday 4 Wednesday 6 Thursday 8 Friday 1 Monday 3 Tuesday 5 Wednesday 7 Friday 9 Saturday
Landscaping Irrigation	Permitted: on designated days Irrigation or sprinkler 12 a.m. to 10 a.m. and 8 p.m. to 12 a.m. on designated days.	Permitted: on designated days and once a week. Irrigation or sprinkler 4 a.m. to 8 a.m. and 8 p.m. to 11 p.m. on designated days.	Permitted: on designated days and once every other week. Irrigation or sprinkler 4 a.m. to 8 a.m. and 8 p.m. to 11 p.m. on designated days.	Permitted: on designated days and once every other week. Irrigation or sprinkler 4 a.m. to 8 a.m. and 8 p.m. to 11 p.m. on designated days.	Permitted: on designated days and once every other week. Irrigation or sprinkler 4 a.m. to 8 a.m. and 8 p.m. to 11 p.m. on designated days.
Washing Impervious cover	Prohibited: such as parking lots, driveways, streets or sidewalks.	Prohibited: such as parking lots, driveways, streets or sidewalks.	Prohibited: such as parking lots, driveways, streets or sidewalks.	Prohibited: such as parking lots, driveways, streets or sidewalks.	Prohibited: such as parking lots, driveways, streets or sidewalks.
Vehicle Washing	Permitted: non-commercial washing of vehicles and mobile equipment any day at any time if over landscape or other surface where run off is minimized and with a hose using automatic shut-off nozzle or bucket of 5 gallons or less.	Permitted: non-commercial washing of vehicles and mobile equipment any day at any time if over landscape or other surface where run off is minimized and with a hose using automatic shut-off nozzle or bucket of 5 gallons or less..	Permitted: non-commercial washing of vehicles and mobile equipment any day at any time if over landscape or other surface where run off is minimized and with a hose using automatic shut-off nozzle or bucket of 5 gallons or less.	Permitted: any day at any time if over non-commercial washing of vehicles and mobile equipment over landscape or other surface where run off is minimized and with a hose using automatic shut-off nozzle or bucket of 5 gallons or less.	Permitted: any day at any time if over non-commercial washing of vehicles and mobile equipment over landscape or other surface where run off is minimized and with a hose using automatic shut-off nozzle or bucket of 5 gallons or less.
Swimming Pools	Variance required: for building or contracting to build a swimming pool unless verification is provided that 100% of water for filling the pool is brought in from an outside source.	Variance required: for building or contracting to build a swimming pool if verification is provided that 100% of water for filling the pool is brought in from an outside source. Prohibited: refilling swimming pool requires 30% water come from an outside sources.	Variance required: for building or contracting to build a swimming pool if verification is provided that 100% of water for filling the pool is brought in from an outside source. Prohibited: refilling swimming pool requires 30% water come from an outside sources.	Variance required: for building or contracting to building a swimming pool unless verification is provided that 100% of water for filling the pool is brought in from an outside source. Prohibited: refilling swimming pool requires 30% water come from an outside sources.	Variance required: for building or contracting to building a swimming pool unless verification is provided that 100% of water for filling the pool is brought in from an outside source. Prohibited: refilling swimming pool requires 30% water come from an outside sources.
Outdoor fountain or similar features:			Prohibited: no person may use groundwater or city provided water.	Prohibited: no person may use groundwater or city provided water	Prohibited: no person may use groundwater or city provided water.
Waste	Prohibited: water run off onto a gutter, ditch, or drain; or failing to repair a controllable leak.	Prohibited: water run off onto a gutter, ditch, or drain; or failing to repair a controllable leak.	Prohibited: water run off onto streets	Prohibited: water run off onto streets	Prohibited: water run off onto streets
Commercial Use	Prohibited: Restaurants and other eating establishment from serving groundwater to customers without a request from customer.	Prohibited: Restaurants and other eating establishment from serving groundwater to customers without a request from customer.			

Misc.:	All restrictions apply to well users, but does not apply to non-portable water, gray water or treated effluent.	All restrictions apply to well users, but does not apply to non-portable water, gray water or treated effluent.	All restrictions apply to well users, but does not apply to non-portable water, gray water or treated effluent.	All restrictions apply to well users, but does not apply to non-portable water, gray water or treated effluent. <u>Additional restrictions on water use may be established at the dicreation of the City Council.</u>	All restrictions apply to well users, but does not apply to non-portable water, gray water or treated effluent. <u>Additional restrictions on water use may be established at the dicreation of the City Council.</u>
Penalties			100% surcharge for use over 45,000 gallons.	200% surcharge for use over 45,000 gallons.	200% surcharge for use over 45,000 gallons.
Trigger Points	Declared by the EAA and/or at the discretion of the Mayor. Levels at J-17 Well reaches 660'	Declared by the EAA and/or at the discretion of the Mayor. Levels at J-17 Well reaches 650'	Declared by the EAA and/or at the discretion of the Mayor. Levels at J-17 Well reaches 640'	Declared by the EAA and/or at the discretion of the Mayor. Levels at J-17 Well reaches 630'	Declared by the EAA and/or at the discretion of the Mayor.

Water Conservation Tips

Stop Leaks- Check for dripping faucets, toilet tank leaks; look for broken sprinkler heads or dripping sprinkler heads.

Change Behaviors- take 4 minute showers; turn off water while shampooing your hair or shaving or brunching teeth; thaw food out in igerator instead of running water; only washing clothes or laundry with full loads. Sweep sidewalks, patios or driveways instead of hosing them off.

Replace your equipment with water-efficient equipment- see City website for rebate programs.

Plant xeriscape

Help the City of Garden Ridge by calling in leaks and running water.

Every Drop Counts



City of Garden Ridge

"A way of life, not just a place to live"

Water Department Report

As of October 18, 2017

2017 City of Garden Ridge Well Usage						
	Edwards		Trinity		Total Acre Feet	Quarterly Acre Feet
	Gallons	Acre Feet	Gallons	Acre Feet		
January	3,046,000	9.35	13,005,000	39.91	49.26	
February	1,132,000	3.47	15,007,000	46.05	49.53	
March	2,014,000	6.18	17,236,000	52.90	59.08	157.86
April	2,470,000	7.58	20,512,000	62.95	70.53	
May	4,670,000	14.33	29,430,000	90.32	104.65	
June	6,331,000	19.43	28,148,000	86.38	105.81	280.99
July	31,979,000	98.14	13,888,000	42.62	140.76	
August	26,207,000	80.43	10,067,000	30.89	111.32	
September	25,256,000	77.50	5,656,000	17.36	94.86	346.94
October	14,873,000	45.64	0.00	0.00	45.64	
November	-	0.00	-	0.00	0.00	
December	-	0.00	-	0.00	0.00	0.00
TOTAL	117,978,000	362.06	152,949,000	469.38	831.44	

October 17, 2017 the City of Garden Ridge returned to normal watering hours. As of September 30, 2017 the City has available 566.35 Acre Feet,

2016 City of Garden Ridge Well Usage						
	Edwards		Trinity		Total Acre Feet	Quarterly Acre Feet
	Gallons	Acre Feet	Gallons	Acre Feet		
January	15,309,000	46.98	431,000	1.32	48.30	
February	512,000	1.57	19,825,000	60.84	62.41	
March	3,234,000	9.92	16,359,000	50.20	60.13	170.84
April	494,000	1.52	18,620,000	57.14	58.66	
May	4,348,000	13.34	14,693,000	45.09	58.43	
June	29,247,000	89.76	1,608,000	4.93	94.69	211.78
July	38,544,000	118.29	12,725,000	39.05	157.34	
August	24,439,000	75.00	7,880,000	24.18	99.18	
September	23,578,000	72.36	1,715,000	5.26	77.62	334.14
October	27,951,000	85.78	0	0.00	85.78	
November	17,929,000	55.02	895,000	2.75	57.77	
December	14,578,000	44.74	888,000	2.73	47.46	191.01
TOTAL	200,163,000	614.28	95,639,000	293.51	907.78	

In 2016 the City of Garden Ridge did not enter into an EAA Stage and at the end of 2016 the City had an available 882.77 Acre Feet (268.49 Acre Feet unused)

Monthly Averages

Average usage per connection

Average usage per day

October 2017

9,284.02 gallons

874,882.35 gallons

2 Year Comparisons

Edwards:

Trinity

Totals

2017 Year to Date

117,978,000 gals 362.06 ac/ft.

151,806,000 gals 465.88 ac/ft.

269,784,000 gals 828.48 ac/ft.

2016 up to September

167,656,000 gals 514.52 ac/ft.

93,856,000 gals 288.01 ac/ft.

261,512,000 gals 802.53 ac/ft.

Difference from 2016–2017:

8,272,000 gallons

25.95 ac/ft. **more** usage

	Year to date for 2017	2016
Water Connections	1602	1560

Monthly Well Progress

	October 1 st	October 17 th	(Decrease)/Increase
Trinity			
Static Level	201.6'	202.5'	0.9
GPM 867			
Pumping Level	No pumping this month	0'	0
Edwards			
Static Level	120.6'	120.6'	0
GPM 1,244			
Pumping Level	118.8"	118.8'	0

Edwards Permits

The City of Garden Ridge has total allocated 682.77 Acre Feet through year to date Edwards Permits

Type of Permit	TCEQ Permit #	EAA Permit #	Acre Feet
Allocated	CO 00139	P100-767	511.951
Purchased	BE 00109I	P100-327	2.000
Purchased	ME 00417D	P101-185	1.301
Purchased	ME 00479I	P101-315	3.895
Purchased	UV 00437I	P101-699	2.000
Purchased	UV 00461I	P101-752	4.000
Purchased	UV 00478I	P101-801	2.000
Purchased	UV 00537H	P101-959	2.000
Purchased	UV 00576I	P102-040	14.000
Purchased	UV 00630G	P102-146	1.760
Purchased	BE 00081AE	P100-200	62.000
Transfer	CO00119AA	P102-564	0.660
Transfer		P103-312	4.500
Transfer		P102-416	2.000
Transfer Keith Zars Pools		P106-186	1.000
Lease Lloyd Loehman		P107-429	3.000
Lease M. Friesenhahn		P100-745	65.000
Lease BVFD		P102-302	-0.300

Water Department Monthly Activities:

Water		Plumbing	
New Meter Installations	9	New Service Line Inspections	8
Meter Replacement	6	Irrigation System Inspections	9
Main Breaks	0	Water Heater Safety Inspections	3
Service Line Replacement	1	New Home Inspections	39
Service Line Leak Repair	5	Toilet Rebates	1
Fire Hydrant Maintenance	3	Washing Machine Rebates	0
Leak Adjustment	0		
Meters Read	1602		
Work Orders	167		

Projects:

2016 CIP-Concrete is poured for the building foundations at the new 3009 well site, Grading is in work at the new site.

Reports Submitted:

EAA Drought Condition Monthly Report
State Water Report
Disinfectant Level Quarterly Operating Report
.....Comal County Trinity Ground Water Conservation District (CCTGWCD)

Employee Updates:

Duane Scognio passed his Ground Water "C" test this month.