



City of Garden Ridge

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

AGENDA WATER COMMISSION REGULAR MEETING TUESDAY, NOVEMBER 17, 2020, 6:00 P.M.

The Water Commission will meet in a regular session on Tuesday, November 17, 2020, at 6:00 p.m. 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 providing time, place, date, and agenda thereof. The meeting facility is wheelchair accessible and accessible parking spaces are provided. Requests for accommodations or interpretative services must be made to the City Secretary 48 hours prior to this meeting.

1. Call to Order

2. Roll Call

3. Pledge of Allegiance

4. Citizen Comment Period – limited to 30 minutes total

Rules for Citizens' Participation: The Commission welcomes citizen participation and comments at all Commission Meetings. The Commission offers citizens the opportunity to address them by signing up to speak prior to the meeting. If you speak, you must follow these guidelines:

- a) Respect and courtesy:
 - 1. Direct your comments to the entire Commission, not to an individual member, nor to the audience.
 - 2. Show the Commission the same respect that you would like to be shown.
 - 3. End your speaking at the time allotted below.
- b) Speaking:
 - 1. First citizen comment period.
 - i. You are required to sign up to speak and you are limited to one 3-minute period.
 - 2. Second citizen comment period
 - i. You are not required to sign up and you are limited to one 2-minute period.
 - 3. State your name and address before your comments begin.
 - 4. You are only allowed to speak once per topic, 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.

5. Business Items

The following items are for discussion, consideration, and/or action.

- a) Approvals
 - 1. Minutes for October 27, 2020, Water Commission Regular Meeting.
- b) Discussions/Reports/Updates
 - 1. Water Manager Monthly Activity Report.
 - i. Water Pumping/usage from City wells, Water system infrastructure maintenance, repairs and/or projects, and Water and/or Drought Management (current Watering Stage).
 - 2. Advanced Metering Infrastructure System (AMI) and Meter Data Management System (MDMS).
 - 3. FM 2252 Wastewater Project.
 - 4. FM 2252 TxDOT Project.
 - i. Discussion on water conflicts.
 - 5. Items applicable to the Water Commission discussed at the November City Council Meeting.

c) Recommendations

1. Request for water leak adjustment for 20210 Bat Cave Rd. for the billing period of March 21, 2019 – April 22, 2019.
 - i. Review and make a recommendation regarding the request.
2. Request for water leak adjustment for 9416 Gloxinia Dr. for the billing period of June 22, 2020 – July 23, 2020.
 - i. Review and make a recommendation regarding the request.
3. Ordinance No. 61-092020 An Ordinance establishing the Drought Management Plan for the City of Garden Ridge; providing definitions, establishing trigger points for Stages 1 through 5; restricting the use of water upon implementation of specific stages of said plan; establishing water surcharge rates for Stages 3 through 5 of said plan; providing a variance procedure; providing a penalty clause; providing for severability; and declaring an effective date.
 - i. Hold a public hearing.
 - ii. Discuss and make a recommendation regarding Ordinance No. 61.
4. Discuss and make a possible recommendation on the cost of water for the City of Garden Ridge and Leak Adjustment Policy.
5. Discuss and make a possible recommendation on Garden Ridge Cyber Security Audit.
6. Water Commission activities and projects.
 - i. Discuss and make possible recommendations on Ordinance Review Project.
 - ii. Update of Commissioner's activities and projects.
 - iii. Discuss and make possible recommendations on future meetings or direction regarding Water Commission activities and projects.
7. Ordinance No. 210-022018 An Ordinance of the City Council of the City of Garden Ridge adopting board and commission policy and procedures; providing that this Ordinance shall be cumulative of all Ordinances; providing a severability clause; providing a savings clause; and providing an effective date.
 - i. Discuss and make recommendations related to application of Ordinance provisions to Commission members, if needed.

d) Future Agenda Items

1. Commissioners input on agenda items.
2. Announce the date, time, and location for next meeting (December 15, 2020, at 6:00 p.m. at City Hall).

6. Citizen Comment Period – limited to 20 minutes total

See “Rules for Citizen’s Participation” under Item 4.

7. Adjournment

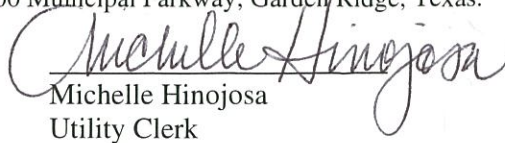
AGENDA NOTICES:

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 Commission Authorized: The Commission may vote or act upon any item within this Agenda.

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.

This is to certify that I, Michelle Hinojosa, posted this Agenda at 9:00 a.m. on November 13, 2020 on the bulletin board located at the entrance to the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas.


Michelle Hinojosa
Utility Clerk



MINUTES
WATER COMMISSION REGULAR MEETING
TUESDAY, OCTOBER 27, 2020, 6:00 P.M.

Commissioners Present:

Chair Jesse Valdez
Vice-Chair Keven Harshbarger
Commissioner Dr. Richard Carmichael
Commissioner Joseph Haltaman
Commissioner James Mueller
Mayor Larry Thompson, Ex-officio

Commissioners Absent:

Commissioner Andre Bullard, Voluntary Announced Absence

City Staff, City Councilmembers, and Other Commissioners Present:

Nancy Cain, City Administrator
Jacob Parsons, Water Manager
Marisa Spencer, City Secretary
Kat Balbi, Assistant City Secretary
Michelle Hinojosa, Utility Clerk

1. Call to Order

With a quorum of the Water Commissioners present, Chair Valdez called the regular meeting of the Garden Ridge Water Commission to order at 6:01 p.m. on Tuesday, October 27, 2020, in the City Council Chambers of the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas 78266.

2. Roll Call: See above.

3. Pledge of Allegiance: Chair Valdez led the Pledge of Allegiance.

4. Citizen Comment Period: No one signed up to speak.

5. Business Items

The following items are for discussion, consideration, and/or action.

a) Approvals

1. Minutes for September 22, 2020, Water Commission Regular Meeting.

Motion: A motion was made by Commissioner Mueller, seconded by Commissioner Haltaman, to approve the minutes for the September 22, 2020, Water Commission Regular Meeting. The Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

b) Discussions/Reports/Updates

1. Water Manager Monthly Activity Report.

i. Water Pumping/usage from City wells, Water system infrastructure maintenance, repairs and/or projects, and Water and/or Drought Management (current Watering Stage).

Jacob Parsons, Water Manager, reviewed the monthly water activity report from September and answered questions from the Commission. He stated the current drought stage for Edwards Aquifer Authority reduces the water use for the Garden Ridge Water Company, but does not effect the water usage of residents.

2. Advanced Metering Infrastructure System (AMI) and Meter Data Management System (MDMS).

Jacob Parsons, Water Manager, spoke regarding the status of the AMI Project and answered questions from the Commission.

Kat Balbi, Assistant City Secretary, spoke regarding a Pilot Program and Educational Classes for Garden Ridge Water Company customers.

3. FM2252 Wastewater Project.

Jacob Parsons, Water Manager, updated the Commission on the status of the FM2252 Wastewater Project.

4. Items applicable to the Water Commission discussed at the October City Council Meetings.

Chair Valdez updated the Commission on the items applicable to the Commission discussed at the October City Council Meetings.

c) Recommendations

1. Request for water leak adjustment for 21935 Cristobal Drive for the billing period of June 22, 2020 – July 23, 2020.

i. Review and make a recommendation regarding the request.

The Commission reviewed the water leak adjustment request for 21935 Cristobal Drive submitted by Hualcoy Garcia. The Commission discussed the high-water usage being related to an equipment malfunction of the irrigation control box; therefore, not an actual leak, but still constituting a water loss.

Motion: A motion was made by Commissioner Haltaman, seconded by Commissioner Dr. Carmichael, to recommend to the City Administrator to not approve a water leak adjustment for 21935 Cristobal Drive for the billing period of June 22, 2020 - July 23, 2020. The Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

2. Request for water leak adjustment for 19810 Brandywine Cove for the billing period of June 22, 2020 – August 24, 2020.

i. Review and make a recommendation regarding the request.

The Commission reviewed the water leak adjustment request for 19810 Brandywine Cove submitted by Kerry Sparrow. The Commission discussed the Water Manager's proposal of a \$2,807.21 account credit due to the Water Department's investigation of data revealing a water loss from the two billing periods of June 22, 2020 – August 24, 2020.

Commissioner Mueller spoke regarding upkeep of cross-connections due to the high volume of cross connections being discovered while investigating leak adjustments.

Motion: A motion was made by Commissioner Mueller, seconded by Vice-Chair Harshbarger, to recommend to City Council for consideration of a water leak adjustment for 19810 Brandywine Cove for the billing period of June 22, 2020 – August 24, 2020, and credit the account in the amount of \$2,807.21. The Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

3. Request for water leak adjustment for 21840 Park View Drive for the billing period of June 22, 2020 – July 23, 2020.

i. Review and make a recommendation regarding the request.

The Commission reviewed the water leak adjustment request for 21840 Park View Drive submitted by Jayne Correa. The Commission attempted to contact the requestor by phone to address their questions, but the requestor did not answer. The Commission discussed the Water Manager's investigation revealing no leak during the requested billing period.

Motion: A motion was made by Commissioner Dr. Carmichael, seconded by Commissioner Haltaman, to recommend to the City Administrator to not approve a water leak adjustment for 21840 Park View Drive for the billing period of June 22, 2020 - July 23, 2020. The Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

4. Water Commission activities and projects.

i. Discuss and make possible recommendations on Ordinance Review Project.

The Commission reviewed comments submitted by City Staff and the City Attorney for Ordinance No. 61 and reviewed suggestions submitted by Commissioner Mueller for Ordinance No. 54. The Commission agreed by consensus to direct City Staff to incorporate the amendments discussed into Ordinance No. 61 and prepare for a public hearing.

ii. Discuss and make possible recommendations on Water Lease Project.

Commissioner Dr. Carmichael spoke regarding the expiring Water Leases. Jacob Parsons, Water Manager, reviewed a yearly water usage chart with and without the expiring Water Leases and stated the City does not need to renew the expiring Water Leases.

Motion: A motion was made by Commissioner Dr. Carmichael, seconded by Vice-Chair Harshbarger, to recommend to the City Administrator not to renew the Water Leases expiring December 31, 2020. The Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

iii. Discuss and make possible recommendations on Water Rates Project.

Chair Valdez and Vice-Chair Harshbarger reviewed the presentation on Water Rates (see attached). The Commission discussed the number of low-tier, mid-tier, and high-tier accounts, the impact on consumption, and billing through the year.

Motion: A motion was made by Commissioner Mueller, seconded by Commissioner Dr. Carmichael, to recommend to City Council the Water Rate Option 2, a base rate increase of \$2.50 and a 3% / 2% increase on the tiers based upon an equation for Inside City Limits with no change to Outside City Limits rates. The Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

iv. Update of Commissioner's activities and projects.

The Commission had none at this time.

v. Discuss and make possible recommendations on future meetings or direction regarding Water Commission activities and projects.

The Commission had none at this time.

5. Ordinance No. 210-022018 An Ordinance of the City Council of the City of Garden Ridge adopting board and commission policy and procedures; providing that this Ordinance shall be cumulative of all Ordinances; providing a severability clause; providing a savings clause; and providing an effective date.

i. Receive recommendations and consideration of appointment of Water Commission Chair and Vice-Chair for a one-year term effective October 2020.

Chair Valdez and Vice-Chair Harshbarger expressed desire to continue serving as Chair and Vice-Chair.

Motion: A motion was made by Commissioner Mueller, seconded by Commissioner Dr. Carmichael, to appoint Commissioner Valdez as Chair and Commissioner Harshbarger as Vice-Chair of the Water Commission for a one-year term effective October 2020. The Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

ii. Discuss and make recommendations related to application of Ordinance provisions to Commission members, if needed.

The Commission had none at this time.

d) Future Agenda Items

1. Commissioners input on agenda items.

The Commission had none at this time.

2. Announce the date, time, and location for next meeting (November 17, 2020, at 6:00 p.m. at City Hall).

Chair Valdez announced the next Water Commission Regular Meeting will be held on Tuesday, November 17, 2020, at 6:00 p.m. at City Hall in the City Council Chambers.

6. **Citizen Comment Period:** No one wished to speak.

7. **Adjournment**

Motion: A motion was made by Commissioner Haltaman, seconded by Commissioner Dr. Carmichael, to adjourn. The Commission voted four (4) for and none (0) opposed. The motion carried unanimously. There being no further business, the Tuesday, October 27, 2020, Water Commission Regular Meeting was adjourned at 9:47 p.m. by Chair Valdez.

ATTEST:

Jesse Valdez
Chair

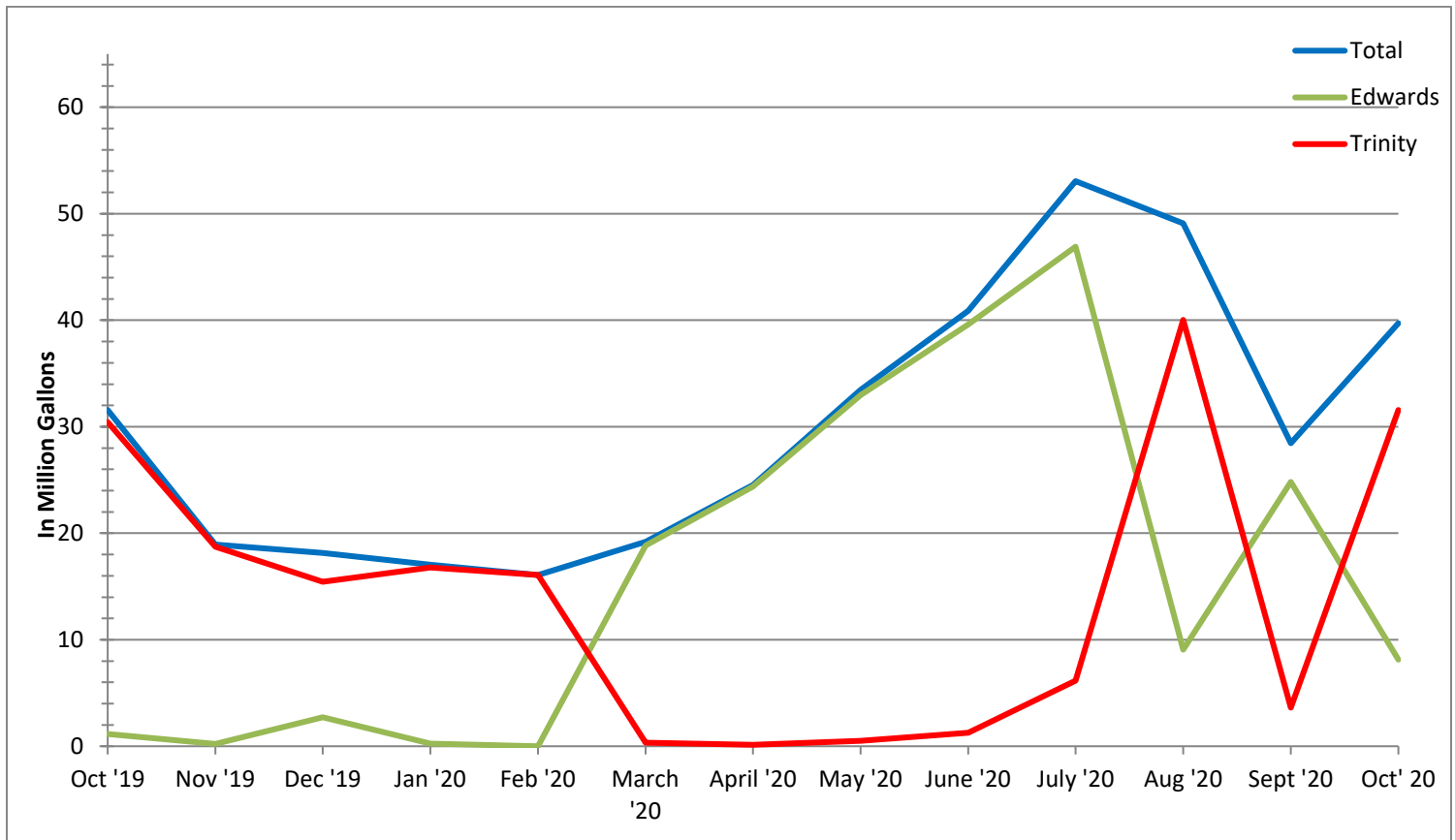
Kat Balbi
Assistant City Secretary



Water Department Report

As of October 31, 2020

City of Garden Ridge Aquifer Usage

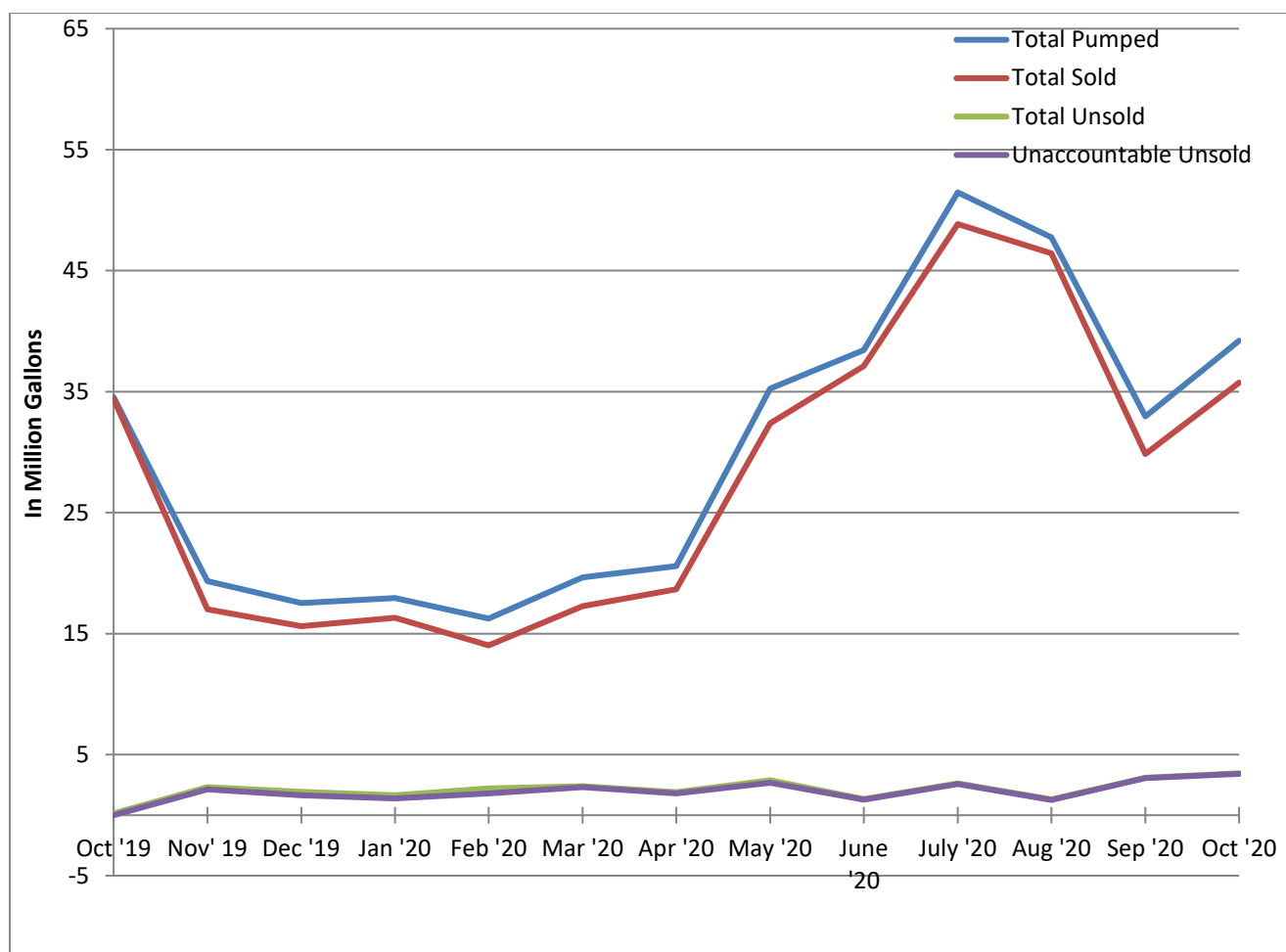


	Month:	Year:	Available:	Stage:
Edwards Well Usage AC/FT:	24.97	627.73	55.87	0
Trinity Well Usage AC/FT:	96.88	357.47	N/A	0

Water Quality

Backteriological Samples	Due:	Missed:	Passed:	Failed:
Distribution Samples:	6	0	6	0
Raw Water Samples:	4	0	4	0
Chlorine Residual Test:	31	0	31	0

2019 – 2020 Pumping Report



	Total Pumped (Thousands)	Total Sold (Thousands)	Total Unsold (Thousands)	Unaccountable Unsold (Thousands)	Unaccountable Unsold %
Oct '19 *	34,551	34,405	146	0	0.0%
Nov '19	19,344	17,022	2,322	2,149	11.1%
Dec '19	17,527	15,610	1,917	1,657	9.5%
Jan '20	17,956	16,308	1,648	1,388	7.7%
Feb '20	16,250	14,032	2,218	1,806	11.1%
March '20	19,658	17,270	2,388	2,308	11.7%
April '20	20,579	18,682	1,897	1,795	8.7%
May '20	35,266	32,385	2,881	2,668	7.6%
June '20	38,442	37,110	1,332	1,286	3.3%
July '20	51,469	48,851	2,618	2,574	5.0%
Aug '20	48,799	46,446	2,333	2,286	4.7%
Sept '20	32,959	29,855	3,104	3,057	9.3%
Oct '20	39,216	35,752	3,464	3,418	8.7%

* October water loss is off due to inaccuracy of the Schoenthal well master meter.

Water Department Monthly Activities:

New Meter Installs	0	Work Orders	278
Meter Replacements	5	Locates	47
City Owned Leaks	0	Irrigations Permits Issued	8
Meters Read	1677	Total Rebates	1
Meter Tests	2	Laptop Readings	16

Leak Adjustments

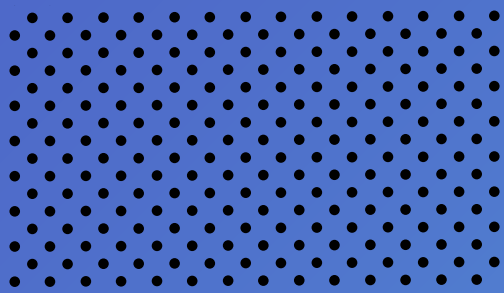
New Requests	10	Waiting for Customer	10	Approved	5	Amount Approved	1154.71	Denied	5	Sent to Water Commission	3
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Projects:

- Whispering Oaks Project is Ongoing
- Workflow Management System Implementation Ongoing
- AMI Meters have been ordered and we are developing educational material for our customers.
- 2252 Wastewater Project Ongoing
- 2252 TXDOT Water Line Ongoing

COVID-19 Pandemic

The Water Department is continuing to be vigilant to keep our staff and infrastructure safe from the spread of the Coronavirus. We are still cleaning facilities, vehicles, and equipment daily to ensure our staff and water system stay safe. Our team members have a positive outlook. We are keeping a close eye on the situation and can increase or decrease our continuity of operations if and when necessary.



AMI EDUCATIONAL TRAINING CLASS

Sign up for the City of Garden Ridge's Educational Training Class for the new AMI System. We will be hosting two classes: November 23, 2020 or December 10, 2020. Both classes will begin at 6pm in the Community and Event Center. If you are unable to attend in person, then please watch the live stream available on the City's YouTube Channel.

Pilot Program

We are also conducting a Pilot Program for the AMI System and Customer Portal. If you are interested in being one of the first residents in Garden Ridge to use AMI, please sign up using the link below. This is available to the first 20 individuals only.

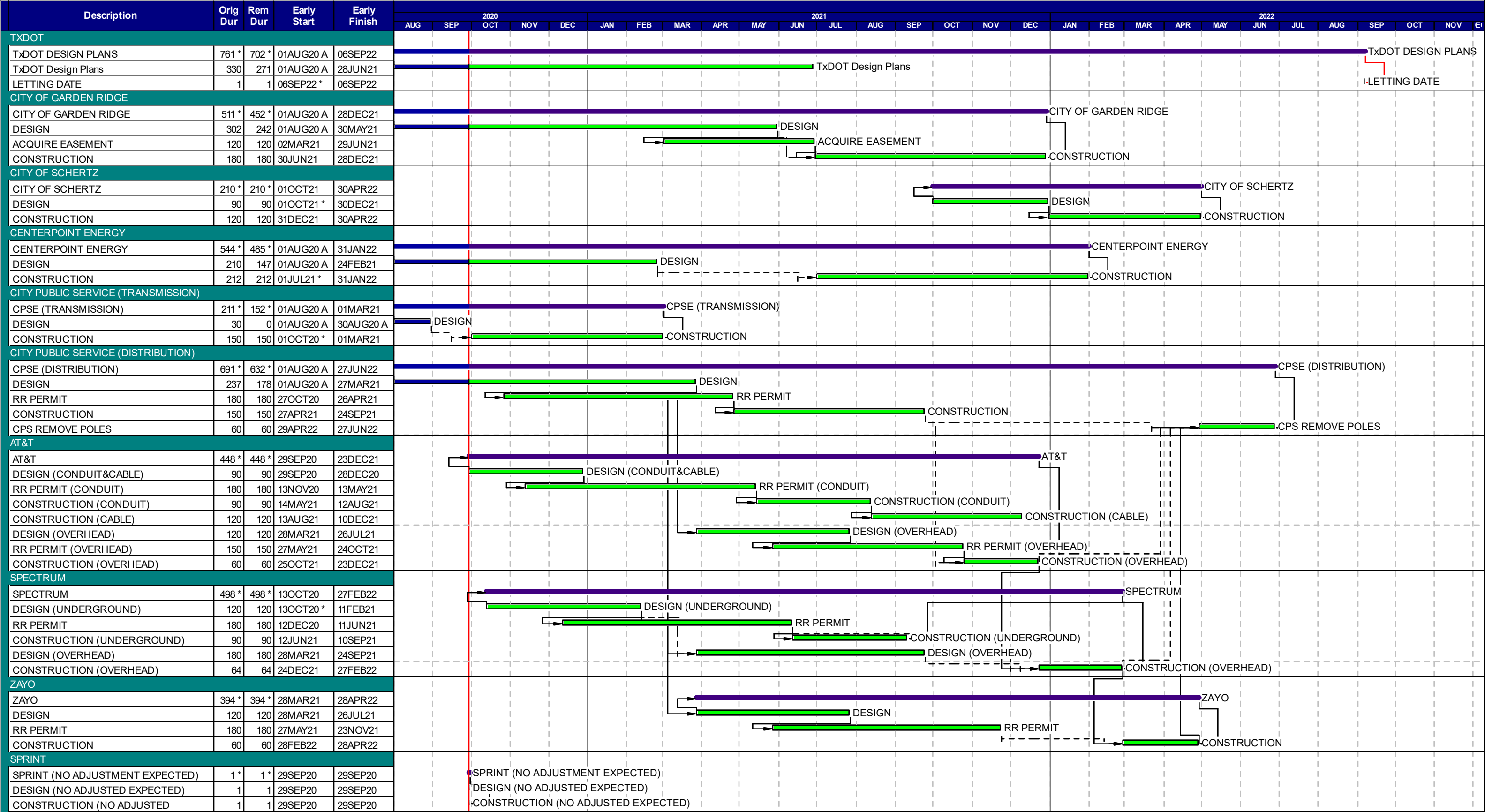
<https://www.ci.garden-ridge.tx.us/FormCenter/Water-Department-Forms-15/AMI-Pilot-Program-60>

Details About Educational Training Class

The City of Garden Ridge will review many things during this class. We will touch on the details of signing up for your Customer Portal, how to use it, and explain the many benefits of the AMI System. Jacob Parsons, Water Manager for the City of Garden Ridge, will be in attendance to answer any questions you may have about the AMI System. Sign up by clicking the link below!

<https://www.ci.garden-ridge.tx.us/FormCenter/Water-Department-Forms-15/AMI-Educational-Training-Classes-61>

The City of Garden Ridge will follow CDC Guidelines and help to mitigate COVID-19 by practicing social distancing, supplying hand sanitizer, and requesting you wear face masks when you are within six (6) feet of individuals outside your household.



Start date	01AUG20
Finish date	06SEP22
Data date	29SEP20
Run date	02NOV20
Page number	1A
© Primavera Systems, Inc.	

BAIN MEDINA BAIN
FM2252 -UTILITY ADJUSTMENT SCHEDULE

- Early bar
- Progress bar
- Critical bar
- Summary bar
- Start milestone point
- Finish milestone point

Water Commission November Water Leak Adjustment Summary

Leak Adjustment:

- Water customers must notify the Water Department no later than the due date of the water bill that a leak adjustment will be requested.
- After notification to the Water Department, the water customer must submit a Water Leak Adjustment Request form with supporting documentation within 90 days to the Water Department.
- Water will be charged at the first-rate tier above 5,000 gallons. All other water usage will be charged at their respective rate tiers.
- Any leak adjustment spanning more than one billing period shall be considered a single event unless compelling evidence suggests otherwise.
- Requests for leak adjustments that extend 6 months beyond the billing period in which the leak was detected will not be considered.
 - 1. If the water leak is determined to be the responsibility of the City in part or in full, the Water Manager shall adjust the customer's water bill by crediting the amount of water usage determined to be the City's responsibility.
 - 2. If a water leak is determined not to be the responsibility of the City, the Water Manager may, at his discretion, adjust a water bill up to \$250.00. For higher adjustments, the request will be forwarded to the Water Commission for review and action. Ordinance 54-122019 Page 28
 - 3. Leak adjustment requests that the Water Manager deems do not contain all information necessary for a thorough Water Department investigation will be submitted to the Water Commission.
 - 4. Leak adjustments up to \$500.00 considered by the Water Commission can be recommended to the City Administrator for action. Adjustments over \$500.00 will be forwarded to City Council for review and action.
 - 5. All leak adjustment requests and actions will be reported to the Water Commission and City Council in the Water Manager's Monthly Report.
- **20210 Batcave**
- On October 1st, 2020 we received a request for adjustment that happened April 4th – 16th, 2019. We denied this request because it didn't meet the requirements for a water leak adjustment. The Customers want to appeal to the Water Commission.
- **Possible Rebate**

Water Bill	94,000	\$930.85
Leak	- 89,000	\$243.86
Customer consumption	5,000	\$25.00
Customer Pays		\$268.86
Credit		\$661.99

9416 Gloxinia Drive

We received a water leak adjustment request on October 26, 2020 for a customer leak that occurred between the June and July time frame. The customer requested some information from the front staff but since we were not informed that there was an intent to file for an adjustment a laptop was not requested. Under ordinance 54 we denied the request for an adjustment for failure to inform us that a request would be turned in. The customer has appealed our decision.

Possible Rebate 1 = Calculating highest historical bill.

Water Bill	57,000	\$377.96
Leak	- 29,000	\$79.46
Customer consumption	28,000	\$117.17
Customer Pays		\$196.63
Credit		\$181.33

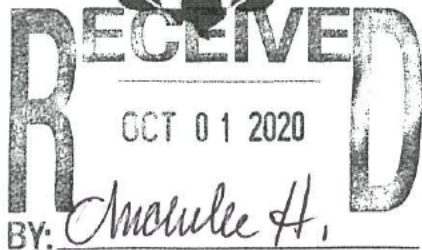
Possible Rebate 2 = Calculating highest historic bill from before the leak.

Water Bill	57,000	\$377.96
Leak	- 37,000	\$101.38
Customer consumption	20,000	\$75.05
Customer Pays		\$176.43
Credit		\$201.53



City of Garden Ridge

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



APPENDIX "F"

For Office Use Only

2020-58 W

WATER LEAK ADJUSTMENT REQUEST

To Be Completed By Customer

Name: LAWRENCE MONSIEUR

Phone: [REDACTED]

Address: 20210 BAT CAVE

Billing Period: 3/21/19 - 4/22/19

Bill Amount: \$831.39

Email: [REDACTED]

Please explain circumstances of the higher bill: BACK FLOW VALVE BURST FROM OVERPRESSURE (AKA "WATER HAMMER") THAT CAUSED LEAKAGE. THE BACKFLOW WAS COVERED TO PREVENT FREEZING SO WE DID NOT DISCOVER LEAK UNTIL IT DUMPED LOTS OF WATER (See Atch 3)

Do you suspect criminal activity?

Circle:

YES

NO

If yes, please submit a copy of your Police Report.

What corrective measures/repairs have been made? Please provide documentation/receipts.

I previously had high water pressure, called water department, installed a pressure reducer valve in garage (to prevent over pressure damage to inside appliances). Have since installed a pressure valve between street and the back flow. (See Atch 2)

What are you specifically requesting of the Water Department?

Asking for relief from the \$831.39 bill -- which both the A-1 Backflow Co. and we believe was caused by the historic high water pressure and the "water hammer" Thanks. (See Atch 1)

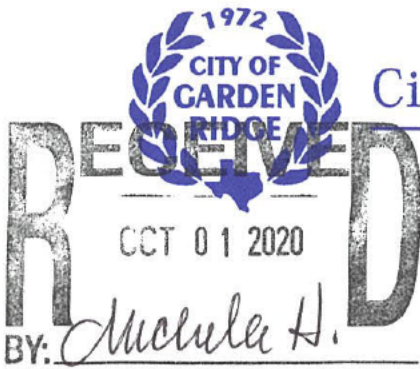
Lawrence Monsour
Signature

10/1/20
Date

Any relief you can give us will be greatly appreciated.
Please attach supporting documentation to this page. Respectfully,

Jerry M.

Atch 1



City of Garden Ridge Water Department

9400 Municipal Parkway
Garden Ridge, Texas 78266
www.ci.garden-ridge.tx.us
(210) 651-6831
Fax: (210) 651-9638



CRRT R240

LAWRENCE MONSOUR
20210 BAT CAVE RD
SAN ANTONIO TX 78266-2300

Important Information on
Reverse Side

ACCOUNT NUMBER	DATE BILL MAILED	SERVICE FROM	SERVICE TO	DAYS USED	DUE DATE
	04/30/2019	03/21/19	04/22/19	32	05/15/2019
PREVIOUS READING	PRESENT READING	GALLONS USED	DESCRIPTION		AMOUNT DUE
131000	225000	94000	RI WATER		822.23
CITY HALL & LIBRARY WILL BE CLOSED MAY 27TH FOR MEMORIAL DAY. BRUSH DUMPSTERS ARE OPEN MAY 4 - 5, 11 - 12, 18 - 19, 25 - 26. GARDEN RIDGE FARMERS' MARKET MAY 11TH. AFTER HOURS CONTACT 210-651-6831 FOR WATER AND LOST/ FOUND PETS.			TR1 GARBAGE		24.56
			EAA EAA FEE		3.03
			080 CTG FEE		0.60
			HHW HAZ WASTE		0.36
			TAX		2.03
			CREDIT BALANCE		21.42-
SERVICE ADDRESS			AMOUNT DUE		
20210 BAT CAVE ROAD			AFTER DUE DATE		BY DUE DATE
			DRAFT		\$831.39

20210 BAT CAVE ROAD

KEEP THIS PORTION FOR YOUR RECORDS

PLEASE RETURN THIS PORTION
WITH YOUR PAYMENT TO:



City of Garden Ridge Water Department

9400 Municipal Parkway
Garden Ridge, Texas 78266
(210) 651-6831
Fax: (210) 651-9638



CRRT R240

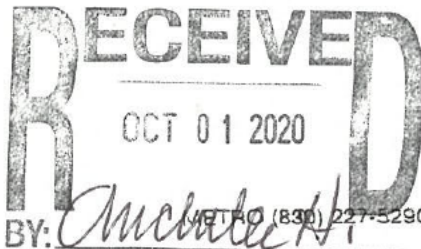
LAWRENCE MONSOUR
20210 BAT CAVE RD
SAN ANTONIO TX 78266-2300

SERVICE
ADDRESS ►

20210 BAT CAVE ROAD

DUE DATE	ACCOUNT NUMBER
05/15/19	[REDACTED]
AFTER DUE DATE	BY DUE DATE
DRAFT	\$831.39

AMOUNT
DUE ►



#2

A-1 BACKFLOW CO.

INVOICE E00410

CITY OF SAN ANTONIO & S.A.W.S. APPROVED

METRO (830) 227-5290 • METRO FAX (830) 227-5291 • 437 W. OVERLOOK • CANYON LAKE, TEXAS 78133

SAN ANTONIO (210) 490-2474

MPL15208 BPAT 8P0003973

WORKED PERFORMED AT:

CUSTOMER Larry Monsour
ADDRESS 20210 Bat Cave Rd
CITY Garden Ridge STATE TX ZIP 78133
PHONE [REDACTED] FAX ()
MOBILE ()
CONTACT Larry

BILL TO:

NAME
ADDRESS
CITY STATE ZIP
PHONE () FAX ()
CONTACT
WORK ORDER # TERMS NET 30 OR COD

REASON FOR CALL:

DATE 5/1/19

BACKFLOW PREVENTER CERTIFICATION

☐ ANNUAL ☐ 2 YR ☐ OTHER

ESTIMATES

☐ REPAIR ☐ REPLACEMENT

WORK PERFORMED					
DEVICE #	PROTECTING	LOCATION	PASS	FAIL	TEST FEE
1.			☐	☐	
2.	INSTALL A New PRV at meter		☐	☐	
3.			☐	☐	510.00
4.	Remove PRV IN Garage at Water Softner		☐	☐	
5.			☐	☐	
6.			☐	☐	
7.			☐	☐	
8.			☐	☐	
9.			☐	☐	
10.			☐	☐	
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14.			☐	☐	
15.			☐	☐	
16.			☐	☐	
17.			☐	☐	
18.			☐	☐	
19.			☐	☐	
20.			☐	☐	

Pd CK# 1835

\$ 510.00

TOTAL TEST FEES

\$ 510.00

City Fees

\$

Repairs/Replacement/Install

\$

Subtotal

\$

Tax

\$

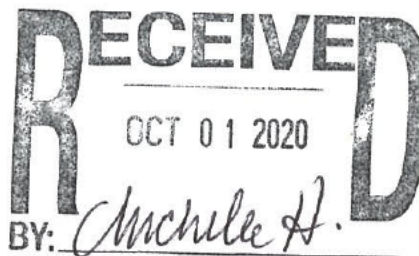
Total Due

\$ 510.00

5/1/19

Terms: C.O.D. unless previous arrangements made
Texas State Board of Plumbing Examiners 1-800-645-6584

From: Robert Moore bobm@a-1backflow.com
Subject: RPZ repair
Date: April 23, 2019 at 1:42 PM
To: lmonsour41@gmail.com



#3

RM

Larry - Here is invoice.

Bob Moore
A-1 Backflow
(210) 602-6769
RMP# 15208
BPAT # 0009285
Regulated by ;
Texas State Board of Plumbing Examiners
(800) 845-6584

A-1 BACKFLOW Co.
CITY OF SAN ANTONIO & S.A.W.S. APPROVED
METRO (830) 227-5290 • METRO FAX (830) 227-5291 • 437 W. OVERLOOK • CANYON LAKE, TEXAS 78133
SAN ANTONIO (210) 490-2474
MPL15208 BPAT BP0003973

INVOICE # 0-1584

WORKED PERFORMED AT		BILL TO:	
CUSTOMER	<u>MONSOUR RESIDENCE</u>	NAME	
ADDRESS	<u>20210 BATCAVE</u>	ADDRESS	
CITY	<u>GARDEN RIDGE STATE TX ZIP 78066</u>	CITY	STATE ZIP
PHONE	<u>[REDACTED]</u>	PHONE	FAX
MOBILE		CONTACT	
CONTACT	<u>LARRY</u>	WORK ORDER #	TERMS NET 30 OR COD

REASON FOR CALL:		
DATE	BACKFLOW PREVENTER CERTIFICATION	ESTIMATES
<u>4/17/19</u>	☐ ANNUAL ☐ 2 YR ☒ OTHER	☒ REPAIR ☐ REPLACEMENT

WORK PERFORMED					
DEVICE #	PROTECTING	LOCATION	PASS	FAIL	TEST FEE
1.	PROBLEM - RPZ MAIN CONTAINMENT		☐	☐	SOLUTION: REPLACED
2.			☐	☐	
3.	DUMPING THROUGH RELIEF		☐	☐	DAMAGED WASHER,
4.			☐	☐	
5.	VALVE		☐	☐	REINSTALLED & TESTED
6.			☐	☐	
7.	FOUND: WASHER IN DISC HOLDER		☐	☐	ASSEMBLY.
8.			☐	☐	
9.	OF RELIEF VALVE PUSHED OUT		☐	☐	
10.			☐	☐	
11.	COMPLETELY AROUND DISC. THIS		☐	☐	PASSED
12.			☐	☐	
13.	INDICATES A WATER HAMMER		☐	☐	
14.			☐	☐	
15.	OR PULSE CONDITION IMPORTED		☐	☐	
16.			☐	☐	
17.	FROM UP-STREAM OF THE		☐	☐	
18.			☐	☐	
19.	ASSEMBLY		☐	☐	
20.			☐	☐	

TOTAL TEST FEE



City of Garden Ridge

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

To Be Completed By Water Department

Bill Amount: _____ Average Bill Amount: _____

Date Received: _____ Received By: _____

Historic Usage and Analysis: _____

Customer History of Requests: _____

Water Manager Review and Comments: _____

Additional information requested: _____ Date Requested: _____

Additional Information submitted: _____ Date Received: _____

Amount Approved: _____

Disapproved: _____

Referred to Water Commission: _____

Jacob Parsons
Water Manager or Designee Signature

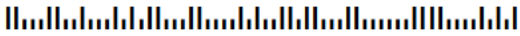
Date



City of Garden Ridge Water Department
9400 Municipal Parkway
Garden Ridge, Texas 78266
(210)-651-6831
Fax (210)-651-9638
www.ci.garden-ridge.tx.us



**AUTO SORT CRRT R240
LAWRENCE MONSOUR
20210 BAT CAVE RD
SAN ANTONIO TX 78266-2300



Pay online at www.municipalonlinepayments.com/gardenridgetx/utilities

Pay by phone at 866-285-1323

Please return this portion with your payment. When paying in person please bring both portions of this bill.

Account Number	Amount Due
	\$ 831.39
Due Date	After Due Date Pay
05/15/2019	PAID BY DRAFT
Service Address	
20210 BAT CAVE ROAD	

There will be a charge on all returned checks.
Please return this portion with your payment.
When paying in person, please bring both portions of this bill.

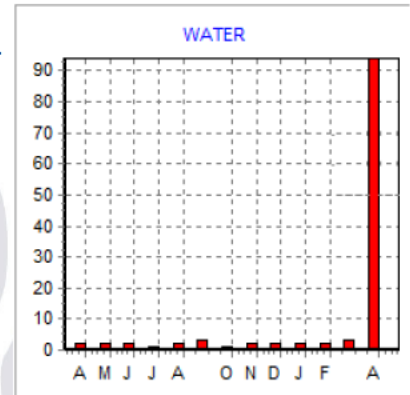
City of Garden Ridge Water Department
9400 Municipal Parkway
Garden Ridge, Texas 78266
(210)-651-6831
Fax (210)-651-9638
www.ci.garden-ridge.tx.us

CUSTOMER ACCOUNT INFORMATION - RETAIN FOR YOUR RECORDS

Name		Service Address			Account Number	
LAWRENCE MONSOUR		20210 BAT CAVE ROAD				
Status	Service Dates		Number of Days	Bill Date	Penalty Date	Due Date
	From	To				
ACTIVE	03/21/2019	04/22/2019	32	04/30/2019	05/15/2019	05/15/2019

PREVIOUS BALANCE 21.42 -

CURRENT READING	PREVIOUS READING	USAGE	CREDIT BALANCE	
225	131	94000		\$ 21.42 -
		WATER		822.23
		GARBAGE		24.56
		EAA FEE		3.03
		CTG FEE		0.60
		HAZ WASTE		0.36
		SALES TAX		2.03
		CURRENT BILL		\$ 852.81
		AMOUNT DUE		\$ 831.39
		* DO NOT PAY - PAID BY DRAFT *		



CITY HALL & LIBRARY CLOSED OCTOBER 12
VISIT WWW.CI.GARDEN-RIDGE.TX.US/557/ADVANCED-METERING-INFRASTRUCTURE-AMI
TO LEARN ABOUT THE WATER SYSTEM UPGRADE.
AFTER HOURS CONTACT 210-651-6831
FOR WATER AND LOST/FOUND PETS.

Account Number:		MONSOUR, LAWRENCE										
		Service		# of		Demand				Fuel	Demand	
Bill Date	Tno	From	To	Days	Consumption	Consu...	Total Bill	Bill Amount	Tax	Adju...	Amount	Tax
09/30/2020	598	08/24/2020	09/23/2020	30		1 0.0000	25.00	25.00	0.00	0.00	0.00	0.00
08/31/2020	600	07/23/2020	08/24/2020	32		3 0.0000	25.00	25.00	0.00	0.00	0.00	0.00
07/31/2020	602	06/22/2020	07/23/2020	31		0 0.0000	25.00	25.00	0.00	0.00	0.00	0.00
06/30/2020	604	05/21/2020	06/22/2020	32		2 0.0000	25.00	25.00	0.00	0.00	0.00	0.00
05/31/2020	606	04/23/2020	05/21/2020	28		2 0.0000	25.00	25.00	0.00	0.00	0.00	0.00
05/01/2020	608	03/23/2020	04/23/2020	31		1 0.0000	25.00	25.00	0.00	0.00	0.00	0.00
03/31/2020	610	02/20/2020	03/23/2020	32		2 0.0000	25.00	25.00	0.00	0.00	0.00	0.00
02/28/2020	612	01/21/2020	02/20/2020	30		3 0.0000	25.00	25.00	0.00	0.00	0.00	0.00
01/31/2020	614	12/20/2019	01/21/2020	32		1 0.0000	25.00	25.00	0.00	0.00	0.00	0.00
12/31/2019	616	11/21/2019	12/20/2019	29		2 0.0000	25.00	25.00	0.00	0.00	0.00	0.00
11/30/2019	618	10/23/2019	11/21/2019	29		1 0.0000	25.00	25.00	0.00	0.00	0.00	0.00
10/31/2019	620	09/23/2019	10/23/2019	30		2 0.0000	25.00	25.00	0.00	0.00	0.00	0.00
09/25/2019	622	08/22/2019	09/23/2019	32		2 0.0000	25.00	25.00	0.00	0.00	0.00	0.00
08/30/2019	623	07/22/2019	08/22/2019	31		17 0.0000	56.94	56.94	0.00	0.00	0.00	0.00
07/31/2019	628	06/24/2019	07/22/2019	28		1 0.0000	23.00	23.00	0.00	0.00	0.00	0.00
06/30/2019	630	05/23/2019	06/24/2019	32		4 0.0000	23.00	23.00	0.00	0.00	0.00	0.00
05/31/2019	632	04/22/2019	05/23/2019	31		2 0.0000	23.00	23.00	0.00	0.00	0.00	0.00
04/30/2019	634	03/21/2019	04/22/2019	32		94 0.0000	822.23	822.23	0.00	0.00	0.00	0.00
03/31/2019	635	02/21/2019	03/21/2019	28		3 0.0000	23.00	23.00	0.00	0.00	0.00	0.00
02/28/2019	638	01/23/2019	02/21/2019	29		2 0.0000	23.00	23.00	0.00	0.00	0.00	0.00
01/31/2019	640	12/19/2018	01/23/2019	35		2 0.0000	23.00	23.00	0.00	0.00	0.00	0.00
12/31/2018	642	11/20/2018	12/19/2018	29		2 0.0000	23.00	23.00	0.00	0.00	0.00	0.00
11/30/2018	644	10/23/2018	11/20/2018	28		2 0.0000	23.00	23.00	0.00	0.00	0.00	0.00
10/31/2018	646	09/21/2018	10/23/2018	32		1 0.0000	23.00	23.00	0.00	0.00	0.00	0.00
					Avg 6	Avg 0.0	Avg 58.80	Avg 58.80	Avg 0.0	Avg 0.0	Avg 0.00	Avg 0.00

From: [Water Manager](#)
To: [REDACTED]
Subject: 20210 Batcave Rd.
Date: Thursday, October 29, 2020 4:55:00 PM

Mr. Monsour,

We have reviewed your water leak adjustment request and based on the date you have submitted this request we are unable to grant you a water credit. In Ordinance 54 section 16.07 is where the rules that show that we are unable to grant any request. Please let us know if you have any further questions.

Thank You,
Jacob Parsons
Water Manager
City of Garden Ridge
Off: (210)651-6632

From: [REDACTED]
To: [Water Manager](#)
Subject: [EXTERNAL] Re: 20210 Batcave Rd.
Date: Friday, November 13, 2020 8:45:27 AM

Jacob , we discussed our situation with the mayor and mutually agreed we should make our appeal to the water commission. Request you schedule us for the next meeting. Thanks

On Thu, Oct 29, 2020 at 4:55 PM Water Manager <WaterManager@ci.garden-ridge.tx.us> wrote:

Mr. Monsour,

We have reviewed your water leak adjustment request and based on the date you have submitted this request we are unable to grant you a water credit. In Ordinance 54 section 16.07 is where the rules that show that we are unable to grant any request. Please let us know if you have any further questions.

Thank You,

Jacob Parsons

Water Manager

City of Garden Ridge

Off: (210)651-6632

Date	Time	Max Flow	Consumption
4/22/2019	2:15 PM	0	0
4/22/2019	1:14 PM	0	0
4/22/2019	12:14 PM	2.1	11.82
4/22/2019	11:14 AM	1.75	0.09
4/22/2019	10:14 AM	1.75	2.89
4/22/2019	9:14 AM	0	0
4/22/2019	8:14 AM	0	0
4/22/2019	7:14 AM	2.45	4.47
4/22/2019	6:14 AM	2.1	2.72
4/22/2019	5:14 AM	2.1	1.2
4/22/2019	4:14 AM	2.1	0.53
4/22/2019	3:14 AM	0	0
4/22/2019	2:14 AM	0	0
4/22/2019	1:14 AM	0	0
4/22/2019	12:14 AM	0	0
4/21/2019	11:14 PM	0	0
4/21/2019	10:14 PM	1.4	0.35
4/21/2019	9:14 PM	2.45	1.51
4/21/2019	8:14 PM	0	0
4/21/2019	7:14 PM	3.15	2.1
4/21/2019	6:14 PM	3.15	1.24
4/21/2019	5:14 PM	0	0
4/21/2019	4:14 PM	0.7	0.08
4/21/2019	3:14 PM	1.75	3.04
4/21/2019	2:14 PM	0	0
4/21/2019	1:14 PM	0	0
4/21/2019	12:14 PM	0	0
4/21/2019	11:14 AM	0	0
4/21/2019	10:14 AM	0	0
4/21/2019	9:14 AM	3.15	18.16
4/21/2019	8:14 AM	0.7	0.37
4/21/2019	7:14 AM	2.1	3.99
4/21/2019	6:14 AM	0	0
4/21/2019	5:14 AM	2.1	2.63
4/21/2019	4:14 AM	0	0
4/21/2019	3:14 AM	1.75	0.47
4/21/2019	2:14 AM	0	0
4/21/2019	1:14 AM	0	0
4/21/2019	12:14 AM	0	0
4/20/2019	11:14 PM	0	0
4/20/2019	10:14 PM	0	0
4/20/2019	9:14 PM	2.8	1.74
4/20/2019	8:14 PM	1.75	0.36
4/20/2019	7:14 PM	3.15	1.76
4/20/2019	6:14 PM	1.05	2.16

Water Bill	94,000	\$930.85
Leak	- 89,000	\$243.86
Customer consumption	5,000	\$25.00
Customer Pays		\$268.86
Credit		\$661.99

4/20/2019	5:14 PM	3.15	9.32
4/20/2019	4:14 PM	2.1	2.81
4/20/2019	3:14 PM	2.1	0.16
4/20/2019	2:14 PM	0	0
4/20/2019	1:14 PM	0	0
4/20/2019	12:14 PM	1.75	1.49
4/20/2019	11:14 AM	5.95	5.5
4/20/2019	10:14 AM	0	0
4/20/2019	9:14 AM	1.75	2.87
4/20/2019	8:14 AM	2.1	4.16
4/20/2019	7:14 AM	1.75	1.54
4/20/2019	6:14 AM	2.1	2.75
4/20/2019	5:14 AM	1.75	0.48
4/20/2019	4:14 AM	0	0
4/20/2019	3:14 AM	0	0
4/20/2019	2:14 AM	0	0
4/20/2019	1:14 AM	0	0
4/20/2019	12:14 AM	2.1	1.47
4/19/2019	11:14 PM	0	0
4/19/2019	10:14 PM	2.45	1.48
4/19/2019	9:14 PM	0	0
4/19/2019	8:13 PM	0	0
4/19/2019	7:13 PM	0	0
4/19/2019	6:13 PM	0	0
4/19/2019	5:13 PM	1.75	0.21
4/19/2019	4:13 PM	3.15	17.08
4/19/2019	3:13 PM	0.7	0.23
4/19/2019	2:13 PM	0	0
4/19/2019	1:13 PM	0	0
4/19/2019	12:13 PM	3.85	5.27
4/19/2019	11:13 AM	2.1	5.53
4/19/2019	10:13 AM	0	0
4/19/2019	9:13 AM	0	0
4/19/2019	8:13 AM	0	0
4/19/2019	7:13 AM	2.1	2.68
4/19/2019	6:13 AM	2.1	3.63
4/19/2019	5:13 AM	0	0
4/19/2019	4:13 AM	0	0
4/19/2019	3:13 AM	0	0
4/19/2019	2:13 AM	0	0
4/19/2019	1:13 AM	0	0
4/19/2019	12:13 AM	0	0
4/18/2019	11:13 PM	0	0
4/18/2019	10:13 PM	2.45	1.7
4/18/2019	9:13 PM	2.1	1.35
4/18/2019	8:13 PM	0	0
4/18/2019	7:13 PM	0	0

4/18/2019	6:13 PM	0	0
4/18/2019	5:13 PM	2.1	1.62
4/18/2019	4:13 PM	1.75	1.34
4/18/2019	3:13 PM	0	0
4/18/2019	2:13 PM	2.1	1.79
4/18/2019	1:13 PM	0	0
4/18/2019	12:13 PM	2.1	1.63
4/18/2019	11:13 AM	0	0
4/18/2019	10:13 AM	0	0
4/18/2019	9:13 AM	0	0
4/18/2019	8:13 AM	0.7	0.14
4/18/2019	7:13 AM	3.15	12.72
4/18/2019	6:13 AM	0	0
4/18/2019	5:13 AM	1.05	3.52
4/18/2019	4:13 AM	1.75	0.43
4/18/2019	3:13 AM	0	0
4/18/2019	2:13 AM	0	0
4/18/2019	1:13 AM	0	0
4/18/2019	12:13 AM	0	0
4/17/2019	11:13 PM	0	0
4/17/2019	10:13 PM	2.8	1.7
4/17/2019	9:13 PM	2.1	1.48
4/17/2019	8:13 PM	0	0
4/17/2019	7:13 PM	0	0
4/17/2019	6:13 PM	0	0
4/17/2019	5:13 PM	0	0
4/17/2019	4:12 PM	10.5	21.78
4/17/2019	3:12 PM	0	0
4/17/2019	2:12 PM	0	0
4/17/2019	1:12 PM	0	0
4/17/2019	12:12 PM	0	0
4/17/2019	11:12 AM	0	0
4/17/2019	10:12 AM	0	0
4/17/2019	9:12 AM	0	0
4/17/2019	8:12 AM	0	0
4/17/2019	7:12 AM	0	0
4/17/2019	6:12 AM	0	0
4/17/2019	5:12 AM	0	0
4/17/2019	4:12 AM	0	0
4/17/2019	3:12 AM	0	0
4/17/2019	2:12 AM	0	0
4/17/2019	1:12 AM	0	0
4/17/2019	12:12 AM	0	0
4/16/2019	11:12 PM	0	0
4/16/2019	10:12 PM	0	0
4/16/2019	9:12 PM	0	0
4/16/2019	8:12 PM	0	0

4/16/2019	7:12 PM	0	0	
4/16/2019	6:12 PM	0	0	
4/16/2019	5:12 PM	0	0	
4/16/2019	4:12 PM	0	0	
4/16/2019	3:12 PM	0	0	
4/16/2019	2:12 PM	0	0	
4/16/2019	1:12 PM	0	0	
4/16/2019	12:12 PM	0	0	
4/16/2019	11:12 AM	0	0	
4/16/2019	10:12 AM	0	0	
4/16/2019	9:12 AM	0	0	
4/16/2019	8:12 AM	0	0	
4/16/2019	7:12 AM	8.75	111.39	
4/16/2019	6:12 AM	8.75	333.21	91000
4/16/2019	5:12 AM	7.35	324.75	
4/16/2019	4:12 AM	8.75	328.37	
4/16/2019	3:12 AM	7.35	327.77	
4/16/2019	2:12 AM	0	0	
4/16/2019	1:12 AM	7	333.75	
4/16/2019	12:12 AM	7	332.76	
4/15/2019	11:12 PM	7.35	330.84	
4/15/2019	10:12 PM	9.1	332.47	
4/15/2019	9:12 PM	6.65	328.21	
4/15/2019	8:12 PM	8.05	327.54	
4/15/2019	7:12 PM	8.4	329.32	
4/15/2019	6:12 PM	8.4	326.06	
4/15/2019	5:12 PM	7.35	325.64	
4/15/2019	4:12 PM	7.35	326.48	
4/15/2019	3:12 PM	7.7	327.46	
4/15/2019	2:12 PM	7.35	328.17	
4/15/2019	1:12 PM	0	0	
4/15/2019	12:12 PM	9.1	332.79	
4/15/2019	11:12 AM	8.75	332.28	
4/15/2019	10:12 AM	8.75	334.23	
4/15/2019	9:12 AM	7	331.34	
4/15/2019	8:12 AM	8.75	329.31	
4/15/2019	7:12 AM	8.75	330.52	
4/15/2019	6:12 AM	7.7	327.01	
4/15/2019	5:12 AM	8.75	329.85	
4/15/2019	4:12 AM	9.45	355.49	
4/15/2019	3:12 AM	7	336.44	
4/15/2019	2:12 AM	9.8	354.59	
4/15/2019	1:12 AM	7	333.42	
4/15/2019	12:12 AM	0	0	
4/14/2019	11:11 PM	7.35	330.96	
4/14/2019	10:11 PM	7	330.01	
4/14/2019	9:11 PM	8.75	330.47	

4/14/2019	8:11 PM	8.75	329.21
4/14/2019	7:11 PM	8.4	324.37
4/14/2019	6:11 PM	9.1	336.87
4/14/2019	5:11 PM	10.15	331.93
4/14/2019	4:11 PM	9.8	332.73
4/14/2019	3:11 PM	10.85	336.53
4/14/2019	2:11 PM	8.4	333.14
4/14/2019	1:11 PM	11.9	352.39
4/14/2019	12:11 PM	10.85	341.13
4/14/2019	11:11 AM	0	0
4/14/2019	10:11 AM	8.75	336.28
4/14/2019	9:11 AM	8.4	333.5
4/14/2019	8:11 AM	8.75	331.16
4/14/2019	7:11 AM	8.4	330.1
4/14/2019	6:11 AM	8.75	331.82
4/14/2019	5:11 AM	7.7	327.56
4/14/2019	4:11 AM	8.75	330.08
4/14/2019	3:11 AM	7	329.19
4/14/2019	2:11 AM	7	331.71
4/14/2019	1:11 AM	7	333.54
4/14/2019	12:11 AM	7	331.51
4/13/2019	11:11 PM	7.35	329.75
4/13/2019	10:11 PM	0	0
4/13/2019	9:11 PM	8.75	328.15
4/13/2019	8:11 PM	8.75	334.57
4/13/2019	7:11 PM	7	326.04
4/13/2019	6:11 PM	6.65	326.51
4/13/2019	5:11 PM	6.65	327.04
4/13/2019	4:11 PM	7	327.73
4/13/2019	3:11 PM	10.15	343.13
4/13/2019	2:11 PM	8.4	330.05
4/13/2019	1:11 PM	8.75	330.2
4/13/2019	12:11 PM	8.75	335.48
4/13/2019	11:11 AM	8.75	333.92
4/13/2019	10:11 AM	7	330.31
4/13/2019	9:11 AM	0	0
4/13/2019	8:11 AM	7	328.01
4/13/2019	7:11 AM	8.75	327.48
4/13/2019	6:11 AM	8.75	330.13
4/13/2019	5:11 AM	7.35	326.43
4/13/2019	4:11 AM	8.75	330.79
4/13/2019	3:11 AM	7	329.5
4/13/2019	2:11 AM	7	333.07
4/13/2019	1:11 AM	7	332.17
4/13/2019	12:11 AM	7	330.51
4/12/2019	11:11 PM	7.7	328.93
4/12/2019	10:11 PM	7	327.68

4/12/2019	9:11 PM	7.35	327.19
4/12/2019	8:11 PM	0	0
4/12/2019	7:11 PM	6.65	325.39
4/12/2019	6:11 PM	6.65	326.24
4/12/2019	5:11 PM	8.75	328.7
4/12/2019	4:11 PM	7.7	328.12
4/12/2019	3:11 PM	8.75	330.55
4/12/2019	2:11 PM	8.75	329.64
4/12/2019	1:11 PM	14.7	367.41
4/12/2019	12:11 PM	7	332.2
4/12/2019	11:11 AM	7	330.71
4/12/2019	10:11 AM	7	329.1
4/12/2019	9:11 AM	7	327.47
4/12/2019	8:11 AM	8.75	327.08
4/12/2019	7:11 AM	0	0
4/12/2019	6:10 AM	8.75	325.64
4/12/2019	5:10 AM	6.65	323.28
4/12/2019	4:10 AM	6.65	326.06
4/12/2019	3:10 AM	7	330.89
4/12/2019	2:10 AM	9.45	333.85
4/12/2019	1:10 AM	7	331.1
4/12/2019	12:10 AM	7	330.45
4/11/2019	11:10 PM	7.35	328.75
4/11/2019	10:10 PM	6.65	327.22
4/11/2019	9:10 PM	9.1	327.96
4/11/2019	8:10 PM	7.7	324.05
4/11/2019	7:10 PM	8.4	326.61
4/11/2019	6:10 PM	0	0
4/11/2019	5:10 PM	7.35	326.82
4/11/2019	4:10 PM	10.5	367.77
4/11/2019	3:10 PM	8.75	329.68
4/11/2019	2:10 PM	7	328.85
4/11/2019	1:10 PM	7	331.69
4/11/2019	12:10 PM	7	331.8
4/11/2019	11:10 AM	7	330.38
4/11/2019	10:10 AM	7	328.55
4/11/2019	9:10 AM	7	327.05
4/11/2019	8:10 AM	6.65	326.14
4/11/2019	7:10 AM	8.75	332.07
4/11/2019	6:10 AM	8.75	326.82
4/11/2019	5:10 AM	0	0
4/11/2019	4:10 AM	7	332.48
4/11/2019	3:10 AM	7	331.98
4/11/2019	2:10 AM	7	331.29
4/11/2019	1:10 AM	6.65	330.14
4/11/2019	12:10 AM	7	328.93
4/10/2019	11:10 PM	7.35	327.67

4/10/2019	10:10 PM	9.1	326.53
4/10/2019	9:10 PM	6.65	323.06
4/10/2019	8:10 PM	7	324.81
4/10/2019	7:10 PM	8.75	328.07
4/10/2019	6:10 PM	6.65	327.83
4/10/2019	5:10 PM	10.15	350.04
4/10/2019	4:10 PM	0	0
4/10/2019	3:10 PM	8.75	331.56
4/10/2019	2:10 PM	7	331.7
4/10/2019	1:10 PM	7	331.9
4/10/2019	12:10 PM	7	329.87
4/10/2019	11:10 AM	7	331.59
4/10/2019	10:10 AM	7	330.04
4/10/2019	9:10 AM	8.75	338.2
4/10/2019	8:10 AM	8.75	327.57
4/10/2019	7:10 AM	8.75	331.71
4/10/2019	6:10 AM	8.75	327.37
4/10/2019	5:10 AM	8.05	323.3
4/10/2019	4:10 AM	9.8	355.46
4/10/2019	3:10 AM	0	0
4/10/2019	2:09 AM	9.8	353.23
4/10/2019	1:09 AM	7	332.49
4/10/2019	12:09 AM	7	331.65
4/9/2019	11:09 PM	7.35	329.56
4/9/2019	10:09 PM	8.75	330.85
4/9/2019	9:09 PM	8.75	327.92
4/9/2019	8:09 PM	10.15	325.61
4/9/2019	7:09 PM	6.65	323.4
4/9/2019	6:09 PM	8.75	326.97
4/9/2019	5:09 PM	8.75	326.89
4/9/2019	4:09 PM	7	326.46
4/9/2019	3:09 PM	8.75	328.34
4/9/2019	2:09 PM	0	0
4/9/2019	1:09 PM	7.7	328.23
4/9/2019	12:09 PM	7	329.17
4/9/2019	11:09 AM	7	332.25
4/9/2019	10:09 AM	6.65	330.69
4/9/2019	9:09 AM	7	328.68
4/9/2019	8:09 AM	7	325.75
4/9/2019	7:09 AM	9.8	339.91
4/9/2019	6:09 AM	12.95	338.41
4/9/2019	5:09 AM	8.4	322.75
4/9/2019	4:09 AM	7	324.74
4/9/2019	3:09 AM	7	328.02
4/9/2019	2:09 AM	7	327.63
4/9/2019	1:09 AM	0	0
4/9/2019	12:09 AM	6.65	325.15

4/8/2019	11:09 PM	8.75	324.07
4/8/2019	10:09 PM	6.65	319.46
4/8/2019	9:09 PM	9.1	321.62
4/8/2019	8:09 PM	6.65	321.3
4/8/2019	7:09 PM	8.4	323.06
4/8/2019	6:09 PM	7.7	324.08
4/8/2019	5:09 PM	8.75	325.63
4/8/2019	4:09 PM	8.75	326.93
4/8/2019	3:09 PM	8.4	323.57
4/8/2019	2:09 PM	6.65	323.06
4/8/2019	1:09 PM	8.75	325.71
4/8/2019	12:09 PM	0	0
4/8/2019	11:09 AM	7.7	325.51
4/8/2019	10:09 AM	8.75	334.46
4/8/2019	9:09 AM	8.4	326.95
4/8/2019	8:09 AM	8.75	327.81
4/8/2019	7:09 AM	8.75	326.75
4/8/2019	6:09 AM	7.35	319.19
4/8/2019	5:09 AM	8.4	321.22
4/8/2019	4:09 AM	8.4	322.19
4/8/2019	3:09 AM	6.65	323.11
4/8/2019	2:09 AM	7	324.21
4/8/2019	1:09 AM	7	328.65
4/8/2019	12:09 AM	6.65	327.49
4/7/2019	11:09 PM	0	0
4/7/2019	10:09 PM	6.65	323.97
4/7/2019	9:09 PM	8.75	323.37
4/7/2019	8:09 PM	6.65	319.21
4/7/2019	7:09 PM	6.65	320.22
4/7/2019	6:09 PM	6.65	321.04
4/7/2019	5:09 PM	6.65	321.74
4/7/2019	4:09 PM	6.65	322.33
4/7/2019	3:09 PM	6.65	322.92
4/7/2019	2:09 PM	8.75	325.14
4/7/2019	1:09 PM	7	324.86
4/7/2019	12:09 PM	7	327.77
4/7/2019	11:09 AM	6.65	326.32
4/7/2019	10:09 AM	0	0
4/7/2019	9:08 AM	7	323.67
4/7/2019	8:08 AM	9.45	335.64
4/7/2019	7:08 AM	8.75	323.45
4/7/2019	6:08 AM	6.65	319.61
4/7/2019	5:08 AM	8.75	323.42
4/7/2019	4:08 AM	8.4	322.04
4/7/2019	3:08 AM	6.65	322.56
4/7/2019	2:08 AM	6.65	323.33
4/7/2019	1:08 AM	7	324.14

4/7/2019	12:08 AM	7	328.04
4/6/2019	11:08 PM	7.35	325.89
4/6/2019	10:08 PM	8.75	325.71
4/6/2019	9:08 PM	0	0
4/6/2019	8:08 PM	8.4	320.04
4/6/2019	7:08 PM	7.7	319.07
4/6/2019	6:08 PM	8.05	319.6
4/6/2019	5:08 PM	8.4	322.76
4/6/2019	4:08 PM	6.65	320.81
4/6/2019	3:08 PM	8.75	323.04
4/6/2019	2:08 PM	8.4	323.47
4/6/2019	1:08 PM	7.7	324.57
4/6/2019	12:08 PM	7.7	327.97
4/6/2019	11:08 AM	10.15	328.66
4/6/2019	10:08 AM	6.65	325.55
4/6/2019	9:08 AM	6.65	324.05
4/6/2019	8:08 AM	0	0
4/6/2019	7:08 AM	9.1	324.67
4/6/2019	6:08 AM	8.4	319.35
4/6/2019	5:08 AM	7.35	319.18
4/6/2019	4:08 AM	8.4	320.32
4/6/2019	3:08 AM	6.65	320.84
4/6/2019	2:08 AM	6.65	321.89
4/6/2019	1:08 AM	6.65	322.82
4/6/2019	12:08 AM	7	325.14
4/5/2019	11:08 PM	7.35	325.59
4/5/2019	10:08 PM	8.75	325.99
4/5/2019	9:08 PM	8.75	325.13
4/5/2019	8:08 PM	6.65	323.17
4/5/2019	7:08 PM	0	0
4/5/2019	6:08 PM	7.35	320.56
4/5/2019	5:08 PM	9.45	327.38
4/5/2019	4:08 PM	8.05	320.23
4/5/2019	3:08 PM	8.05	323.28
4/5/2019	2:08 PM	8.4	320.49
4/5/2019	1:08 PM	8.4	321.05
4/5/2019	12:08 PM	6.65	320.46
4/5/2019	11:08 AM	8.4	322.56
4/5/2019	10:08 AM	8.4	323.28
4/5/2019	9:08 AM	6.65	325.62
4/5/2019	8:08 AM	8.4	328.45
4/5/2019	7:08 AM	8.4	324.29
4/5/2019	6:08 AM	0	0
4/5/2019	5:07 AM	6.65	324.33
4/5/2019	4:07 AM	6.65	324.38
4/5/2019	3:07 AM	8.4	324.95
4/5/2019	2:07 AM	6.65	324.5

4/5/2019	1:07 AM	6.65	323.04
4/5/2019	12:07 AM	6.65	321.25
4/4/2019	11:07 PM	8.75	319.81
4/4/2019	10:07 PM	6.65	316.96
4/4/2019	9:07 PM	7.7	313.51
4/4/2019	8:07 PM	8.4	315.5
4/4/2019	7:07 PM	8.4	320.83
4/4/2019	6:07 PM	6.65	317.6
4/4/2019	5:07 PM	0	0
4/4/2019	4:07 PM	8.05	319.16
4/4/2019	3:07 PM	8.05	316.08
4/4/2019	2:07 PM	15.05	39.75
4/4/2019	1:07 PM	1.75	1.02
4/4/2019	12:07 PM	2.1	2.4
4/4/2019	11:07 AM	0	0
4/4/2019	10:07 AM	0	0
4/4/2019	9:07 AM	3.15	10.18
4/4/2019	8:07 AM	1.75	3.73
4/4/2019	7:07 AM	1.75	1.42
4/4/2019	6:07 AM	1.75	3.08
4/4/2019	5:07 AM	0	0
4/4/2019	4:07 AM	0	0
4/4/2019	3:07 AM	0	0
4/4/2019	2:07 AM	0	0
4/4/2019	1:07 AM	0	0
4/4/2019	12:07 AM	0	0
4/3/2019	11:07 PM	0	0
4/3/2019	10:07 PM	2.1	1.45
4/3/2019	9:07 PM	0	0
4/3/2019	8:07 PM	1.75	1.35
4/3/2019	7:07 PM	1.4	0.18
4/3/2019	6:07 PM	1.75	1.26
4/3/2019	5:07 PM	5.6	13.66
4/3/2019	4:07 PM	1.75	0.33
4/3/2019	3:07 PM	0	0
4/3/2019	2:07 PM	0	0
4/3/2019	1:07 PM	4.9	1.34
4/3/2019	12:07 PM	1.75	1.2
4/3/2019	11:07 AM	0	0
4/3/2019	10:07 AM	0	0
4/3/2019	9:07 AM	0	0
4/3/2019	8:07 AM	0	0
4/3/2019	7:07 AM	0	0
4/3/2019	6:07 AM	0	0
4/3/2019	5:07 AM	0	0
4/3/2019	4:07 AM	0	0
4/3/2019	3:07 AM	0	0

4/3/2019	2:07 AM	0	0
4/3/2019	1:07 AM	0	0
4/3/2019	12:07 AM	0	0
4/2/2019	11:07 PM	0	0
4/2/2019	10:07 PM	0	0
4/2/2019	9:07 PM	0	0
4/2/2019	8:07 PM	0	0
4/2/2019	7:07 PM	0	0
4/2/2019	6:07 PM	0	0
4/2/2019	5:07 PM	0	0
4/2/2019	4:07 PM	0	0
4/2/2019	3:07 PM	0	0
4/2/2019	2:07 PM	6.65	1.63
4/2/2019	1:07 PM	0	0
4/2/2019	12:06 PM	1.4	0.26
4/2/2019	11:06 AM	0	0
4/2/2019	10:06 AM	0	0
4/2/2019	9:06 AM	0	0
4/2/2019	8:06 AM	0	0
4/2/2019	7:06 AM	0	0
4/2/2019	6:06 AM	0	0
4/2/2019	5:06 AM	0	0
4/2/2019	4:06 AM	0	0
4/2/2019	3:06 AM	0	0
4/2/2019	2:06 AM	0	0
4/2/2019	1:06 AM	0	0
4/2/2019	12:06 AM	0	0
4/1/2019	11:06 PM	0	0
4/1/2019	10:06 PM	0	0
4/1/2019	9:06 PM	0	0
4/1/2019	8:06 PM	0	0
4/1/2019	7:06 PM	0	0
4/1/2019	6:06 PM	0	0
4/1/2019	5:06 PM	2.45	0.18
4/1/2019	4:06 PM	0	0
4/1/2019	3:06 PM	0	0
4/1/2019	2:06 PM	0	0
4/1/2019	1:06 PM	7.7	1.33
4/1/2019	12:06 PM	0	0
4/1/2019	11:06 AM	0	0
4/1/2019	10:06 AM	0	0
4/1/2019	9:06 AM	1.75	1.21
4/1/2019	8:06 AM	2.1	11.84
4/1/2019	7:06 AM	3.15	7.86
4/1/2019	6:06 AM	0	0
4/1/2019	5:06 AM	2.1	3.36
4/1/2019	4:06 AM	2.8	31.32

4/1/2019	3:06 AM	0	8.95
4/1/2019	2:06 AM	2.8	25.33
4/1/2019	1:06 AM	0	0
4/1/2019	12:06 AM	0	0
3/31/2019	11:06 PM	0	0
3/31/2019	10:06 PM	0	0
3/31/2019	9:06 PM	0	0
3/31/2019	8:06 PM	1.4	0.15
3/31/2019	7:06 PM	1.75	0.25
3/31/2019	6:06 PM	1.05	0.08
3/31/2019	5:06 PM	1.4	0.13
3/31/2019	4:06 PM	1.05	1.24
3/31/2019	3:06 PM	1.05	0.28
3/31/2019	2:06 PM	1.75	1.5
3/31/2019	1:06 PM	0	0
3/31/2019	12:06 PM	0	0
3/31/2019	11:06 AM	0	0
3/31/2019	10:06 AM	2.8	2.45
3/31/2019	9:06 AM	0	0
3/31/2019	8:06 AM	2.8	20.78
3/31/2019	7:06 AM	2.1	3.43
3/31/2019	6:06 AM	2.1	1.2
3/31/2019	5:06 AM	0	0
3/31/2019	4:06 AM	0	0
3/31/2019	3:06 AM	1.75	0.47
3/31/2019	2:06 AM	0	0
3/31/2019	1:06 AM	0	0
3/31/2019	12:06 AM	0	0
3/30/2019	11:06 PM	0	0
3/30/2019	10:06 PM	1.75	1.42
3/30/2019	9:06 PM	1.75	4.15
3/30/2019	8:06 PM	0	0
3/30/2019	7:05 PM	0	0
3/30/2019	6:05 PM	2.8	1.24
3/30/2019	5:05 PM	2.8	1.54
3/30/2019	4:05 PM	2.1	1.9
3/30/2019	3:05 PM	1.75	4.42
3/30/2019	2:05 PM	3.15	10.86
3/30/2019	1:05 PM	3.85	11.69
3/30/2019	12:05 PM	1.4	4.17
3/30/2019	11:05 AM	1.05	0.55
3/30/2019	10:05 AM	3.15	12.74
3/30/2019	9:05 AM	3.5	9.07
3/30/2019	8:05 AM	0	0
3/30/2019	7:05 AM	0	0
3/30/2019	6:05 AM	0	0
3/30/2019	5:05 AM	1.05	3.4

3/30/2019	4:05 AM	1.75	0.45
3/30/2019	3:05 AM	0	0
3/30/2019	2:05 AM	0	0
3/30/2019	1:05 AM	0	0
3/30/2019	12:05 AM	0	0
3/29/2019	11:05 PM	0	0
3/29/2019	10:05 PM	1.75	1.58
3/29/2019	9:05 PM	2.45	1.81
3/29/2019	8:05 PM	0	0
3/29/2019	7:05 PM	0	0
3/29/2019	6:05 PM	0	0
3/29/2019	5:05 PM	2.45	12.53
3/29/2019	4:05 PM	1.75	1.45
3/29/2019	3:05 PM	1.75	0.16
3/29/2019	2:05 PM	0	0
3/29/2019	1:05 PM	1.05	1.24
3/29/2019	12:05 PM	3.85	2.23
3/29/2019	11:05 AM	1.75	1.33
3/29/2019	10:05 AM	3.15	22.78
3/29/2019	9:05 AM	3.85	23.62
3/29/2019	8:05 AM	2.1	5.57
3/29/2019	7:05 AM	1.75	1.56
3/29/2019	6:05 AM	0	0
3/29/2019	5:05 AM	0	0
3/29/2019	4:05 AM	1.75	1.22
3/29/2019	3:05 AM	2.1	0.48
3/29/2019	2:05 AM	0	0
3/29/2019	1:05 AM	0	0
3/29/2019	12:05 AM	0	0
3/28/2019	11:05 PM	0	0
3/28/2019	10:05 PM	0	0
3/28/2019	9:05 PM	2.45	1.67
3/28/2019	8:05 PM	0	0
3/28/2019	7:05 PM	1.75	1.63
3/28/2019	6:05 PM	1.75	2.37
3/28/2019	5:05 PM	0	0
3/28/2019	4:05 PM	0	0
3/28/2019	3:04 PM	5.25	0.96
3/28/2019	2:04 PM	1.75	0.19
3/28/2019	1:04 PM	2.1	1.19
3/28/2019	12:04 PM	0	0
3/28/2019	11:04 AM	0	0
3/28/2019	10:04 AM	0	0
3/28/2019	9:04 AM	0	0
3/28/2019	8:04 AM	3.15	24.64
3/28/2019	7:04 AM	3.5	22.45
3/28/2019	6:04 AM	2.1	12.03

3/28/2019	5:04 AM	0	0
3/28/2019	4:04 AM	4.55	35.46
3/28/2019	3:04 AM	0	0
3/28/2019	2:04 AM	3.15	25.32
3/28/2019	1:04 AM	0	0
3/28/2019	12:04 AM	0	0
3/27/2019	11:04 PM	0	0
3/27/2019	10:04 PM	0	0
3/27/2019	9:04 PM	2.1	1.64
3/27/2019	8:04 PM	0	0
3/27/2019	7:04 PM	1.75	0.42
3/27/2019	6:04 PM	2.1	1.61
3/27/2019	5:04 PM	2.1	2.5
3/27/2019	4:04 PM	1.75	1.27
3/27/2019	3:04 PM	2.1	1.23
3/27/2019	2:04 PM	0	0
3/27/2019	1:04 PM	1.75	1.36
3/27/2019	12:04 PM	0	0
3/27/2019	11:04 AM	0	0
3/27/2019	10:04 AM	0	0
3/27/2019	9:04 AM	0	0
3/27/2019	8:04 AM	2.1	12.86
3/27/2019	7:04 AM	1.75	2.64
3/27/2019	6:04 AM	1.4	0.43
3/27/2019	5:04 AM	0	0
3/27/2019	4:04 AM	2.1	2.59
3/27/2019	3:04 AM	1.75	0.59
3/27/2019	2:04 AM	0	0
3/27/2019	1:04 AM	0	0
3/27/2019	12:04 AM	0	0
3/26/2019	11:04 PM	2.1	1.51
3/26/2019	10:04 PM	0	0
3/26/2019	9:04 PM	2.1	1.22
3/26/2019	8:04 PM	0	0
3/26/2019	7:04 PM	0	0
3/26/2019	6:04 PM	1.75	2.59
3/26/2019	5:04 PM	2.1	11.07
3/26/2019	4:04 PM	4.9	3.92
3/26/2019	3:04 PM	2.45	1.92
3/26/2019	2:04 PM	3.5	0.82
3/26/2019	1:04 PM	1.75	1.51
3/26/2019	12:04 PM	0	0
3/26/2019	11:04 AM	1.75	1.37
3/26/2019	10:04 AM	1.4	2.72
3/26/2019	9:04 AM	1.75	1.55
3/26/2019	8:04 AM	2.1	15.77
3/26/2019	7:04 AM	2.8	11.19

3/26/2019	6:04 AM	1.75	1.58
3/26/2019	5:04 AM	2.1	2.49
3/26/2019	4:04 AM	1.75	0.47
3/26/2019	3:04 AM	0	0
3/26/2019	2:04 AM	0	0
3/26/2019	1:04 AM	0	0
3/26/2019	12:04 AM	0	0
3/25/2019	11:04 PM	0	0
3/25/2019	10:03 PM	2.1	1.6
3/25/2019	9:03 PM	0	0
3/25/2019	8:03 PM	1.75	1.64
3/25/2019	7:03 PM	0	0
3/25/2019	6:03 PM	0	0
3/25/2019	5:03 PM	2.45	1.45
3/25/2019	4:03 PM	1.75	5.3
3/25/2019	3:03 PM	1.05	0.89
3/25/2019	2:03 PM	3.15	5.66
3/25/2019	1:03 PM	1.4	0.81
3/25/2019	12:03 PM	2.1	0.59
3/25/2019	11:03 AM	0	0
3/25/2019	10:03 AM	0	0
3/25/2019	9:03 AM	0	0
3/25/2019	8:03 AM	1.75	1.78
3/25/2019	7:03 AM	1.75	1.57
3/25/2019	6:03 AM	2.1	2.68
3/25/2019	5:03 AM	1.75	0.49
3/25/2019	4:03 AM	0	0
3/25/2019	3:03 AM	0	0
3/25/2019	2:03 AM	0	0
3/25/2019	1:03 AM	0	0
3/25/2019	12:03 AM	0	0
3/24/2019	11:03 PM	0	0
3/24/2019	10:03 PM	2.1	1.54
3/24/2019	9:03 PM	0	0
3/24/2019	8:03 PM	0	0
3/24/2019	7:03 PM	1.75	1.66
3/24/2019	6:03 PM	2.1	5.03
3/24/2019	5:03 PM	1.75	1.33
3/24/2019	4:03 PM	0	0
3/24/2019	3:03 PM	2.1	0.98
3/24/2019	2:03 PM	1.75	1.46
3/24/2019	1:03 PM	0	0
3/24/2019	12:03 PM	0	0
3/24/2019	11:03 AM	0	0
3/24/2019	10:03 AM	0	0
3/24/2019	9:03 AM	2.8	14.48
3/24/2019	8:03 AM	0	0

3/24/2019	7:03 AM	1.75	1.21
3/24/2019	6:03 AM	2.1	2.58
3/24/2019	5:03 AM	0	0
3/24/2019	4:03 AM	2.1	2.88
3/24/2019	3:03 AM	0	0
3/24/2019	2:03 AM	2.1	0.72
3/24/2019	1:03 AM	0	0
3/24/2019	12:03 AM	0	0
3/23/2019	11:03 PM	0	0
3/23/2019	10:03 PM	0	0
3/23/2019	9:03 PM	0	0
3/23/2019	8:03 PM	1.75	1.43
3/23/2019	7:03 PM	0	0
3/23/2019	6:02 PM	1.05	0.19
3/23/2019	5:02 PM	1.75	1.34
3/23/2019	4:02 PM	1.75	1.52
3/23/2019	3:02 PM	0	0
3/23/2019	2:02 PM	1.75	0.07
3/23/2019	1:02 PM	1.75	1.49
3/23/2019	12:02 PM	0	0
3/23/2019	11:02 AM	3.15	1.26
3/23/2019	10:02 AM	0	0
3/23/2019	9:02 AM	0	0
3/23/2019	8:02 AM	0	0
3/23/2019	7:02 AM	1.4	0.07
3/23/2019	6:02 AM	0	0
3/23/2019	5:02 AM	1.75	1.21
3/23/2019	4:02 AM	0	0.03
3/23/2019	3:02 AM	2.1	3.15
3/23/2019	2:02 AM	1.75	3.98
3/23/2019	1:02 AM	0	0
3/23/2019	12:02 AM	0	0

Average Flow	3.39
Average Consumption	116.46
Total Consumption	85601.11
Max Flow	15.05

Earliest	3/23/2019 0:02
Latest	4/22/2019 14:15
Units	Gallons/Hour

Total	85,601.11
--------------	------------------

Possible Irrigation

Difference



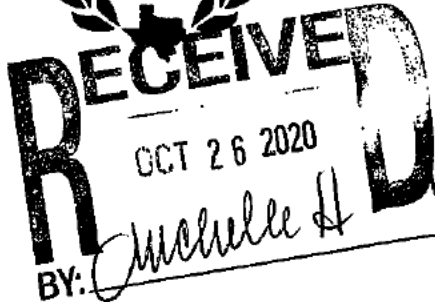
City of Garden Ridge

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

For Office Use Only

2020-66 W

APPENDIX "F"



WATER LEAK ADJUSTMENT REQUEST

To Be Completed By Customer

Name: NORMAND LEZY

Phone: [REDACTED]

Address: 9416 GLOXINIA DR.

Billing Period: 06/22/20 - 07/23/20

Bill Amount: 377.96

Email Address: [REDACTED]

Please explain circumstances of the higher bill: BILL WAS \$302.91 HIGHER THAN PRIOR MONTH. IRRIGATION SYSTEM LEAK REPAIRED ON 06/22. FOLLOWING MONTH BILL WAS 117.17 NOTE WE WERE AWAY FROM JUNE 24 TO SEP 19. NO ONE WAS LIVING IN HOUSE. IRRIGATION SYSTEM SET FOR ONCE A WEEK WATERING - 10 STATIONS 15 MINUTES EACH.

Do you suspect criminal activity?

Circle:

YES

NO

If yes, please submit a copy of your Police Report.

What corrective measures/repairs have been made? Please provide documentation/receipts.

MAJOR LEAK IN MAIN LINE PIPE WAS FIXED ON JUNE 22/20. RECEIPT ATTACHED

What are you specifically requesting of the Water Department? A REASONABLE

ADJUSTMENT TO THE 377.96 BILL. NOTE - UP UNTIL THIS YEAR WE HAVE FOR THE PAST 12 YEARS BEEN ABSENT FROM OUR GR HOME FROM JUNE TO OCTOBER. RARELY HAS OUR USAGE BEEN ABOVE THE MINIMAL RATE.

Signature

[Signature]

Date

THANK YOU
10/26/2020

Please attach supporting documentation to this page.



City of Garden Ridge Water Department
9400 Municipal Parkway
Garden Ridge, Texas 78266
(210)-651-6831
Fax (210)-651-9638
www.ci.garden-ridge.tx.us

Account Number	Amount Due
	\$ 410.27
Due Date	After Due Date Pay
08/15/2020	PAID BY DRAFT
Service Address	
9416 GLOXINIA DRIVE	



There will be a charge on all returned checks.
Please return this portion with your payment.
When paying in person, please bring both portions of this bill.

**AUTO SORT CRRT R016
NORMAND/PRUDENC LEZY
9416 GLOXINIA DR
SAN ANTONIO TX 78266-2533



City of Garden Ridge Water Department
9400 Municipal Parkway
Garden Ridge, Texas 78266
(210)-651-6831
Fax (210)-651-9638
www.ci.garden-ridge.tx.us



Pay online at www.municipalonlinepayments.com/gardenridgetx/utilities
Pay by phone at 866-285-1323

Please return this portion with your payment. When paying in person please bring both portions of this bill.

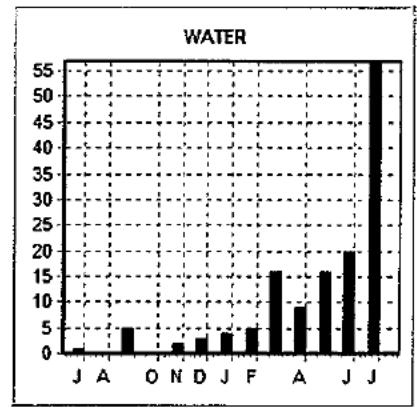
CUSTOMER ACCOUNT INFORMATION - RETAIN FOR YOUR RECORDS

Name			Service Address		Account Number	
NORMAND/PRUDENC LEZY			9416 GLOXINIA DRIVE			
Status	Service Dates		Number of Days	Bill Date	Penalty Date	Due Date
	From	To				
ACTIVE	06/22/2020	07/23/2020	31	07/31/2020	08/16/2020	08/15/2020

		PREVIOUS BALANCE	107.19
		PAYMENTS	107.19 -

CURRENT READING	PREVIOUS READING	CURRENT BALANCE	\$0.00
207	150	USAGE	
		57 WATER	377.96
		GARBAGE	26.00
		EAA FEE	3.03
		CTG FEE	0.60
		HAZ WASTE	0.53
		SALES TAX	2.15

		CURRENT BILL	\$410.27
		AMOUNT DUE	\$410.27
* DO NOT PAY - PAID BY DRAFT *			



 Sign

 Print

 Download

AMOUNT DUE

\$0.00



PAID IN FULL

INVOICE

Carrasco Irrigation

322 Rosemont Dr.
San Antonio, Texas 78228
Phone: (210) 685-4203
Email: carrasco.210@gmail.com

Lezy's Residence
9416 Glosinia Drive
Garden Ridge, Texas 78266
(210) 557-4094

Payment Terms Due upon receipt
Invoice # 000383
Date 06/22/2020
Business / Tax # Irrigator lic. #21670

Description	Total
Irrigation repair	\$215.00
Major leak in mainline pipe was fixed on Jun/22/2020	

Subtotal	\$215.00
Total	\$215.00

Payments Summary

06/22/2020 - Check #2179	\$215.00
Paid Total	\$215.00
Remaining Amount	\$0.00

Lezy's Residence

Page 1 of 1



City of Garden Ridge

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

To Be Completed By Water Department

Bill Amount: _____ Average Bill Amount: _____

Date Received: _____ Received By: _____

Historic Usage and Analysis: _____

Customer History of Requests: _____

Water Manager Review and Comments: _____

Additional information requested: _____ Date Requested: _____

Additional Information submitted: _____ Date Received: _____

Amount Approved: _____

Disapproved: _____

Referred to Water Commission: _____

Jacob Parsons
Water Manager or Designee Signature

Date



City of Garden Ridge Water Department
9400 Municipal Parkway
Garden Ridge, Texas 78266
(210)-651-6831
Fax (210)-651-9638
www.ci.garden-ridge.tx.us



**AUTO SORT CRRT R016
NORMAND/PRUDENC LEZY
9416 GLOXINIA DR
SAN ANTONIO TX 78266-2533



Pay online at www.municipalonlinepayments.com/gardenridgetx/utilities

Pay by phone at 866-285-1323

Please return this portion with your payment. When paying in person please bring both portions of this bill.

Account Number	Amount Due
	\$410.27
Due Date	After Due Date Pay
08/15/2020	PAID BY DRAFT
Service Address	
9416 GLOXINIA DRIVE	

There will be a charge on all returned checks.
Please return this portion with your payment.
When paying in person, please bring both portions of this bill.

City of Garden Ridge Water Department
9400 Municipal Parkway
Garden Ridge, Texas 78266
(210)-651-6831
Fax (210)-651-9638
www.ci.garden-ridge.tx.us

CUSTOMER ACCOUNT INFORMATION - RETAIN FOR YOUR RECORDS

Name			Service Address			Account Number
NORMAND/PRUDENC LEZY			9416 GLOXINIA DRIVE			
Status	Service Dates		Number of Days	Bill Date	Penalty Date	Due Date
	From	To				
ACTIVE	06/22/2020	07/23/2020	31	07/31/2020	08/16/2020	08/15/2020

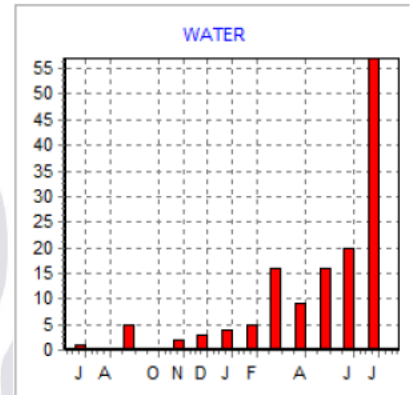
PREVIOUS BALANCE 107.19
PAYMENTS 107.19 -

CURRENT BALANCE \$0.00

CURRENT READING	PREVIOUS READING	USAGE
207	150	57000

WATER	377.96
GARBAGE	26.00
EAA FEE	3.03
CTG FEE	0.60
HAZ WASTE	0.53
SALES TAX	2.15

CURRENT BILL	\$410.27
AMOUNT DUE	\$410.27
* DO NOT PAY - PAID BY DRAFT *	



CITY HALL AND LIBRARY CLOSED
NOVEMBER 11 AND 26 - 27.
BULK DUMPSTERS AVAILABLE 8:00AM - 5:00PM
7 - 8, 14 - 15, 21 - 22, AND 28 - 29.
AFTER HOURS CONTACT 210-651-6831
FOR WATER AND LOST/FOUND PETS.

Account Number:		LEZY, NORMAND/PRUDENC										
		Service		# of		Demand				Fuel	Demand	
Bill Date	Tno	From	To	Days	Consumption	Consu...	Total Bill	Bill Amount	Tax	Adju...	Amount	Tax
09/30/2020	597	08/24/2020	09/23/2020	30	12	0.0000	44.18	44.18	0.00	0.00	0.00	0.00
08/31/2020	599	07/23/2020	08/24/2020	32	28	0.0000	117.17	117.17	0.00	0.00	0.00	0.00
07/31/2020	601	06/22/2020	07/23/2020	31	57	0.0000	377.96	377.96	0.00	0.00	0.00	0.00
06/30/2020	603	05/21/2020	06/22/2020	32	20	0.0000	75.05	75.05	0.00	0.00	0.00	0.00
05/31/2020	605	04/23/2020	05/21/2020	28	16	0.0000	56.93	56.93	0.00	0.00	0.00	0.00
05/01/2020	607	03/23/2020	04/23/2020	31	9	0.0000	35.96	35.96	0.00	0.00	0.00	0.00
03/31/2020	609	02/20/2020	03/23/2020	32	16	0.0000	56.93	56.93	0.00	0.00	0.00	0.00
02/28/2020	611	01/21/2020	02/20/2020	30	5	0.0000	25.00	25.00	0.00	0.00	0.00	0.00
01/31/2020	613	12/20/2019	01/21/2020	32	4	0.0000	25.00	25.00	0.00	0.00	0.00	0.00
12/31/2019	615	11/21/2019	12/20/2019	29	3	0.0000	25.00	25.00	0.00	0.00	0.00	0.00
11/30/2019	617	10/23/2019	11/21/2019	29	2	0.0000	25.00	25.00	0.00	0.00	0.00	0.00
10/31/2019	619	09/23/2019	10/23/2019	30	0	0.0000	25.00	25.00	0.00	0.00	0.00	0.00
09/25/2019	621	08/22/2019	09/23/2019	32	5	0.0000	25.00	25.00	0.00	0.00	0.00	0.00
08/30/2019	622	07/22/2019	08/22/2019	31	0	0.0000	25.00	25.00	0.00	0.00	0.00	0.00
07/31/2019	627	06/24/2019	07/22/2019	28	1	0.0000	23.00	23.00	0.00	0.00	0.00	0.00
06/30/2019	629	05/23/2019	06/24/2019	32	0	0.0000	23.00	23.00	0.00	0.00	0.00	0.00
05/31/2019	631	04/22/2019	05/23/2019	31	2	0.0000	23.00	23.00	0.00	0.00	0.00	0.00
04/30/2019	633	03/21/2019	04/22/2019	32	4	0.0000	23.00	23.00	0.00	0.00	0.00	0.00
03/31/2019	635	02/21/2019	03/21/2019	28	3	0.0000	23.00	23.00	0.00	0.00	0.00	0.00
02/28/2019	637	01/23/2019	02/21/2019	29	4	0.0000	23.00	23.00	0.00	0.00	0.00	0.00
01/31/2019	639	12/19/2018	01/23/2019	35	1	0.0000	23.00	23.00	0.00	0.00	0.00	0.00
12/31/2018	641	11/20/2018	12/19/2018	29	0	0.0000	23.00	23.00	0.00	0.00	0.00	0.00
11/30/2018	643	10/23/2018	11/20/2018	28	0	0.0000	23.00	23.00	0.00	0.00	0.00	0.00
10/31/2018	645	09/21/2018	10/23/2018	32	0	0.0000	23.00	23.00	0.00	0.00	0.00	0.00
					Avg 8	Avg 0.00	Avg 48.72	Avg 48.72	Avg 0.	Avg 0	Avg 0.00	Avg 0.00

From: [Water](#)
To: [REDACTED]
Subject: RE: [EXTERNAL] Water usage
Date: Thursday, August 13, 2020 2:22:00 PM

Mr. Norm,

You are most welcome! Oh no, that does not sound good. Well if you had a leak in your irrigation system and had them repaired, then I would highly recommend you apply for a Leak Adjustment. You can find the application through this link: <https://www.ci.garden-ridge.tx.us/518/Leak-Adjustment>. Please do not hesitate to contact the Water Department if you are having any problems.

Thank you,
Kat

-----Original Message-----

From: [REDACTED]
Sent: Thursday, August 13, 2020 1:08 PM
To: Water <Water@ci.garden-ridge.tx.us>
Subject: Re: [EXTERNAL] Water usage

Kay

Thank you for your quick response.

I had problems with my irrigation system which caused the spike in July and early August. I had some repair work done which should reduce usage starting in mid August.

Thanks

Norm

Sent from my iPhone

> On Aug 13, 2020, at 11:38 AM, Water <Water@ci.garden-ridge.tx.us> wrote:

>

> Hello Mr. Norm,

>

> Here is a summary of your water usage from 01/2017 till current. Please let me know if you have any questions or concerns!

>

> Thank you,

> Kat

>

> -----Original Message-----

> From [REDACTED]

> Sent: Thursday, August 13, 2020 9:45 AM

> To: Water <Water@ci.garden-ridge.tx.us>

> Subject: [EXTERNAL] Water usage

>

> Can you please send me a summary of my water usage please.

>

> Thank you

> Norm Lezy

> 9416 Gloxinia Drive

>

>

> Sent from my iPhone

>



From: [Water Manager](#)
To: [REDACTED]
Subject: RE: [EXTERNAL] Re: 9416 Gloxinia Dr.
Date: Friday, October 30, 2020 10:44:00 AM

Mr. Lezy,

I understand that you may not have been aware of this being a requirement. We are only able to gather about 30 days' worth of data from the day we take the laptop reading. We are only able to grant water credits based on evidence we find and without a request we don't know to collect the data. If data is collected in this time frame customers have 90 days to make their request. Do to the lack of request for data in the required timeframe we are unable to grant you an adjustment to your water bill.

Thank You,
Jacob Parsons
Water Manager
City of Garden Ridge
Off: (210)651-6632

From: [REDACTED]
Sent: Thursday, October 29, 2020 9:29 PM
To: Water Manager <WaterManager@ci.garden-ridge.tx.us>
Subject: [EXTERNAL] Re: 9416 Gloxinia Dr.

Mr Parsons

Thank you for your prompt response to my request. Concerning the laptop reading request- I have not requested one. I was not aware I had to do this.

Thank you
Norm Lezy

Sent from my iPad

On Oct 29, 2020, at 5:58 PM, Water Manager <WaterManager@ci.garden-ridge.tx.us> wrote:

Mr. Lezy,

We are reviewing your leak request and was wondering when you requested a laptop reading. Please let us know so we can continue processing your request.

Thank You,
Jacob Parsons
Water Manager
City of Garden Ridge
Off: (210)651-6632



LEGAL NOTICE
NOTICE OF PUBLIC HEARING
CITY OF GARDEN RIDGE
WATER COMMISSION

The Water Commission of the City of Garden Ridge, Texas, will conduct a public hearing on Tuesday, November 17, 2020, at 6:00 p.m. in the City Council Chambers of the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas.

The purpose of the public hearing will be to consider Ordinance No. 61, an Ordinance establishing the Drought Management Plan for the City of Garden Ridge; providing definitions, establishing trigger points for Stages 1 through 5; restricting the use of water upon implementation of specific stages of said plan; establishing water surcharge rates for Stages 3 through 5 of said plan; providing a variance procedure; providing a penalty clause; providing for severability; and declaring an effective date.

The public is invited and welcome to attend the public hearing in person and may submit oral comments on this matter. Alternatively, written comments on this matter may be submitted in accordance with the ***City of Garden Ridge Notice of Procedures for Written Comments during Public Hearings*** posted on the City's Website and on the bulletin board located at the entrance to the Garden Ridge City Hall.

The meeting can be viewed live on the City's YouTube Channel and will be archived on the City's Website for on demand viewing. Please feel free to contact City Hall at 210-651-6632 if you need additional information on this matter.

This is to certify that I, Kat Balbi, posted this Legal Notice at 5:30 p.m. on November 12, 2020, on the bulletin board located at the entrance to the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas.

Kat Balbi
Assistant City Secretary

ORDINANCE NO. 61-122020

AN ORDINANCE ESTABLISHING THE DROUGHT MANAGEMENT PLAN FOR THE CITY OF GARDEN RIDGE; PROVIDING DEFINITIONS, ESTABLISHING TRIGGER POINTS FOR STAGES 1 THROUGH 5, RESTRICTING THE USE OF WATER UPON IMPLEMENTATION OF SPECIFIC STAGES OF SAID PLAN; ESTABLISHING WATER SURCHARGE RATES FOR STAGES 3 THROUGH 5 OF SAID PLAN; PROVIDING A VARIANCE PROCEDURE; PROVIDING A PENALTY CLAUSE; PROVIDING FOR SEVERABILITY; AND DECLARING AN EFFECTIVE DATE.

WHEREAS, the City of Garden Ridge is a Type A, General Law Municipality located in Comal County, Texas; and

WHEREAS, the Edwards Aquifer Authority is a regional authority managing water pumped out of the Edwards Aquifer by the City of Garden Ridge and has set standards for the Emergency Water Use Reduction Program in the region; and

WHEREAS, the City of Garden Ridge uses both water from the Edwards Aquifer and from the Trinity Aquifer to provide water to residents of the City of Garden Ridge as well as persons residing within the Certificate of Convenience and Necessity (CCN) of the City of Garden Ridge; and

WHEREAS, the Trinity Aquifer is currently an unregulated water source; and

WHEREAS, the level of the Trinity well affects the ability of the city to provide unrestricted water sources; and

WHEREAS, pursuant to Chapter 54 of the Local Government Code, the City is authorized to adopt such ordinances necessary to preserve and conserve its water resources; and

WHEREAS, the City Council finds that the proposed revisions promote the health, safety and welfare of the City and Ordinance 61-092019 is amended as contained herein.

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

SECTION 1. FINDINGS.

The findings set out herein are found to be true and correct and are hereby adopted by the City Council and made a part of this Ordinance for all purposes.

SECTION 2. DEFINITIONS.

The following words and terms, when used in this plan, shall have the following meanings unless the context clearly indicates otherwise:

Act is the Act creating the Edwards Aquifer Authority, namely the Edwards Aquifer Authority Act of May 30, 1993, 73rd Leg.R.S. Ch. 626, 1993 Texas General Laws 2353, as amended.

Aesthetic Use is the use of water for fountains, waterfalls, and landscape lakes and ponds where such use is entirely ornamental and serves no other functional purpose.

Agricultural Irrigation means irrigation for the purpose of growing crops commercially for human consumption or to use as feed for livestock or poultry.

Bucket means a bucket or other container holding five gallons or less, used singly by one person.

Connection is a metered or unmetered delivery point to a customer or other receiver of water from an organized water distribution system.

Conservations are those practices, techniques, and technologies that will reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water, or increase the recycling and reuse of water so that a water supply is made available for future or alternative uses.

Demand Reduction Measure is a specific action to be taken by defined categories of users to reduce the pump age demand on the Edwards Aquifer during a drought.

Domestic Type Use is the use of water, other than uses in the outdoor category, for personal needs or for household purposes, such as drinking, bathing, heating, cooking, sanitation or cleaning, whether the use occurs in a residence or in a commercial or industrial facility.

Drought is a period of shortage of precipitation of seasonal or longer duration.

Edwards Aquifer means that portion of an arcuate belt of porous, water-bearing limestones composed of the Edwards Group Limestone and Associated Formations trending from west to east to northeast through Kinney, Uvalde, Medina, Bexar, Comal and Hays Counties.

Hand-Held Hose is a hose physically held by one person, fitted with a manual or automatic shutoff nozzle.

Healthcare Facility is any hospital, clinic, nursing home or other healthcare or medical research facility.

Impervious Surface Area is any structure, or any street, driveway, sidewalk, patio or other surface area covered with brick, paving, tile or other impervious material.

Industrial Use is the use of water integral to the production of primary goods and services provided by industrial or commercial facilities, Industrial facilities include facilities which perform such process-specific activities as cooling, boiler feed, cleaning and washing, pollution control, extraction and separation of desirable material from products and waste materials and the incorporation of water into final products, Commercial facilities include, but are not limited to, food service facilities, hotels, retail facilities and nursery operations.

Industrial User is an industrial or commercial water user whose use of water is integral to the production of primary goods and services provided by industrial or commercial facilities.

Industrial Well User is an industrial user who owns one or more wells that produce water used for industrial or commercial facilities.

Irrigator is a well owner who uses water to irrigate land for growing commercial crops.

Landscape Watering means the application of water to grow landscaping plants.

Landscape Plant is any member of the plant kingdom, including any tree, shrub, vine, herb, flower, succulent, groundcover or grass species that grows or has been planted out-of-doors and is used for landscaping purposes or for the support of intensive recreational areas such as playgrounds and playing fields.

Livestock is cattle, sheep, goats, hogs, poultry, horses and game, domestic, exotic and other animals and birds, including zoo animals, used for commercial or personal purposes.

Livestock Use is the use of water for drinking by or washing of livestock.

MSL is mean sea level.

Municipality is a city or other governmental unit with the authority to make and enforce ordinances.

Order is a written order of the City Council or Mayor of the City of Garden Ridge, Texas.

Other Outside Use means the use of water outdoors for the maintenance, cleaning and washing of structures and mobile equipment, including automobiles and boats, the washing of streets, driveways, sidewalks, patios and other similar areas.

Person means any individual, firm, entity, corporation, municipal corporation, governmental or proprietary body, including the United States or the State of Texas, or association of persons.

Reduction Goal means the amount of reduction in pumpage volume, expressed in a percentage from baseline pumpage volume for each drought stage.

Reuse is the use by any user of Edwards Aquifer water that has been recycled or reclaimed for any beneficial purpose, after such water has been previously used for any beneficial purpose, whether or not any treatment of such groundwater may be required in connection with such recycling or reclamation.

Stage means one of the five designated drought stages, which may be declared by the City or the Edwards Aquifer Authority.

Supplier is any person who supplies water to customers for residential, commercial, industrial, military or other uses, including a public or private water company, water supply corporation, municipality and water district.

Trigger Conditions means those specific conditions of rainfall amounts, Edwards Aquifer water level elevations, spring discharges and water quality which the Authority will monitor and use as indicators of the occurrence of drought conditions for purposes of declaring the various stages.

Trigger Points are special conditions experienced by the City of Garden Ridge, which authorize the city to initiate Stage 1 through 5 of the City of Garden Ridge Drought Management Plan.

Trinity Aquifer Well is a source of water for the City of Garden Ridge which is located in the Cow-Creek formation of the Trinity Aquifer.

Use for a Beneficial Purpose means water which is used, without regard to priority, for

- a) agricultural, commercial, domestic, gardening, industrial, manufacturing, mining, municipal, pleasure, recreational or stock raising purposes
- b) exploring for, producing, handling or treating oil, gas, sulfur or other materials; or
- c) any other purpose that is useful and beneficial to the user.

User is a person, public or private, who produces, distributes or uses water from an Edwards Aquifer well or from the Trinity Aquifer well.

Variance is an authorized exception from compliance by the user with any provision of the Rules granted by this Ordinance.

Waste is

- a) The flowing or producing of groundwater from wells in the Edwards Aquifer or Trinity Aquifer if the water flowing or produced is not used for a beneficial purpose by any user,
- b) The unreasonable loss of groundwater through faulty design or negligent operation of a well or water delivery or application system; or
- c) Using quantities of groundwater for a purpose that otherwise would be considered beneficial in excess of quantities reasonably necessary for that purpose.

Water Utility Use is water used for withdrawal, treatment, transmission and distribution by potable water systems.

SECTION 3. DEMAND REDUCTION MEASURES.

The demand reduction measures for all water uses for Stages 1, 2, 3, 4 and 5 are set out in Appendix A, provided. For clarification, certain permitted and exempt water uses are listed.

Listed below are the trigger points for the various stages of the Drought Management Plan.

TABLE 1	
Reduction Stage	J-17 Well Level
1	660' (10 day rolling average)
2	650' (10 day rolling average)
3	640' (10 day rolling average)
4	630' (10 day rolling average)
5	625' (10 day rolling average)

SECTION 4. EMERGENCY WATER USE REDUCTION.

- a) **Declaration of Emergency Stages:** The Mayor of Garden Ridge is authorized to order, by proclamation, implementation of provisions of Stages 1 through 5 of the City of Garden Ridge Drought Management Plan when the appropriate trigger points as established in this Ordinance are met.

The City of Garden Ridge shall determine when conditions warrant implementation of the Emergency Water Use Reduction Program. The program is implemented when any one of the below Trigger Points is reached. The City of Garden Ridge may advance stages, as needed to effect compliance with pumping limit goals. The various stages may be declared as shown in Appendix A.

b) **Trigger Points:**

1. Declaration of Stages 1 through 5 by the Edwards Aquifer Authority and/or at the discretion of the Mayor, City of Garden Ridge, based upon consideration of water supplies, pumping trends, seasonal adjustments, current and forecast precipitation and other relevant factors impacting the City's water supply.
2. The level of the Edwards Aquifer Authority Test Well J-17 reaches a level of Stages 1 through 5 Emergency Water Use Reduction as defined by Edwards Aquifer Authority.
3. When the pumping ability of the Trinity Aquifer well drops to 600 GPM or Draw down level of the well reaches seventy-five (75) feet above the transponder.
4. When the City's pumping capacity is reduced by infrastructure damage or equipment failure.

- c) **Public Issuance of Drought Stage Declaration:** The Declaration of a critical use stage will be publicly issued by the City of Garden Ridge. Such declaration shall be placed on the City signs and distributed by phone (CTY system), posted on the City's website and/or published in the official City newspaper.

d) **Restricting the Use of Water:**

1. Upon declaration of a critical use stage by the City of Garden Ridge, compliance with the Emergency Water Use Reduction Program demand reduction measures shall be required and compliance with the voluntary measures shall be encouraged.
2. Demand reduction measures are attached as Appendix A and are herein incorporated for all purposes.
3. Upon declaration of a critical use stage by the City of Garden Ridge, the sale of water to a temporary user for use outside the city shall be prohibited. The sale of water to a temporary user for use within the City of Garden Ridge shall be at the discretion of the Water Manager.

e) **Water Rate Surcharges:**

1. Critical Period Surcharges will be implemented in accordance with the following schedule:
 - i. Stage 3: Customers will be charged the current water rate plus a 100% surcharge for use over 45,000 gallons.
 - ii. Stage 4: Customers will be charged the current water rate plus a 200% surcharge for use over 45,000 gallons.
 - iii. Stage 5: Customers will be charged the current water rate plus a 200% surcharge for use over 45,000 gallons.
2. Water rate surcharges will remain in effect only so long as the City is in Stages 3, 4 or 5 of the Drought Management Plan.
3. Water rate surcharges shall coincide with the normal billing cycle of the Garden Ridge Water Department. Surcharges shall be applied to the next billing cycle following the implementation of Stages 3, 4 or 5.
4. Surcharge revenues shall be deposited in the Water Fund and such revenue is to be used for Water Company Operations.

d) **End of Emergency Use Restrictions:**

1. Trinity Aquifer: The program and/or each stage may be terminated or changed at the discretion of the Mayor, City of Garden Ridge after the trigger condition of a stage has been exceeded and after considering the 10 day rolling average of the appropriate index well level, pumping trends, current precipitation and the outlook for additional precipitation.
2. Edwards Aquifer: The program and/or each stage may be terminated or changed upon declaration of the Edwards Aquifer Authority (EAA) and/or at the discretion of the Mayor, City of Garden Ridge.

SECTION 5. PENALTIES.

- a) A person who knowingly or intentionally violates the provisions of this Ordinance shall be deemed guilty of a misdemeanor offense and upon conviction be punished by a fine of not less than ten dollars (\$10.00) and not more than two thousand dollars (\$2,000). Each day's violation constitutes a separate offense. Compliance may also be sought through injunctive relief in the District Court.
- b) No violation, definition or penalty under this section shall have bearing on any violation, definition or penalty under any other section of this Ordinance.

SECTION 6. ENFORCEMENT.

- a) **Applicable to Resident and Non-Resident Customers:** For purposes of this Ordinance, it shall be presumed that any person, corporation or association in whose name a water meter connection is registered with the City of Garden Ridge Water Company, has knowingly made, caused, used or permitted to use the water received from the City and that use of said water in a manner contrary to the provisions of Ordinance No. 61, or in an amount in excess of the use permitted by the conservation stage in effect, is considered a violation of Ordinance No. 61 by that resident person, non-resident person, corporation or association. Proof that the particular premises have a water meter connection registered in the name of the defendant named in a complaint issued under the auspices of Ordinance No. 61 shall constitute in evidence a prima facie presumption that the person in whose name such water connection was registered was the person who permitted the illegal use of water to occur on the premises.

SECTION 7. VARIANCES.

- a) **Request For Variance:** A person may file a written request for a variance from these rules with the City of Garden Ridge. The request must contain the following information:
1. The specific nature of the variance requested; and
 2. A detailed explanation of why the person believes they should be granted the variance, including any supporting documentation; and
 3. A signed statement that the facts contained in the request are true and within the person's personal knowledge.
- b) **Additional Information:** The City of Garden Ridge may request the variance requester to provide additional information, which must be filed within ten (10) calendar days of the request or as otherwise directed in the request.
- c) **When Variance May Be Granted:** A variance may be granted only when the variance is not contrary to the public interest and is in harmony with the general purpose and intent of this Ordinance so that the public health, safety, and welfare may be secured and that substantial justice may be done. The Water Commission shall recommend to City Council a variance from these regulations when, due to special conditions, an undue hardship will result from requiring compliance. The City Council is the final authority on variances.
1. The variance, if granted, would be the minimum necessary relief required to alleviate the undue hardship. That the requested variance does not violate the intent of the drought regulations; and
 2. That the relief sought will not cause significant harm to any other person or group of persons or result in the City of Garden Ridge being in violation of regulatory requirements; and
 3. That the granting of a variance will be in harmony with the spirit and purpose of these regulations.
 4. The hardship is in no way the result of the applicant's own actions.
- d) **Terms and Conditions of the Variance:**
1. The City Council may grant a variance for such a term and in accordance with any conditions they deem appropriate.

2. It shall be a term of every variance granted by the City Council that the variance may be rescinded based on changed circumstances, new information, or failure of the holder of the variance to abide by the terms and conditions of the variance or to comply with these rules or any other order or rule of the City of Garden Ridge.
3. The City Council may require a person granted a variance to file reports with the City of Garden Ridge containing such information as the City believes relevant to monitoring the continuing appropriateness of the variance.

SECTION 8. 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 9. EFFECTIVE DATE.

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

PASSED AND APPROVED ON this 2nd day of December, 2020.

Larry Thompson
Mayor

ATTEST:

Marisa Spencer
City Secretary

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 (10 day rolling average) 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, drain, into the street, 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 as if their address ended in a 2.

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 (10 day rolling average) 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, drain, into the street, 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 handheld 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. 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 (10 day rolling average) 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, drain, into the street, or failing to repair a controllable leak.
2. Watering with an irrigation system, soaker hose or sprinkler is permitted every other week beginning on the second Monday after Stage 3 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.

Last Digit of Address Day

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.

3. 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.
4. Watering with a handheld hose permitted any day, any time.
5. Watering newly planted landscapes permitted only with a variance from Garden Ridge City Council.
6. 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 from property is prohibited.
7. Restaurants and other eating establishments are prohibited from serving groundwater to customers except upon request of the customer.
8. No person may use groundwater or city provided water for an ornamental outdoor fountain or similar feature.
9. 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.
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 (10 day rolling average) 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. The Mayor may establish interim restrictions until the City Council is able to meet to establish additional restrictions.

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 the Edwards Aquifer Authority Test Well J-17 level reaches **625** feet mean sea level (10 day rolling average) 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 4.
2. Restaurants and other eating establishments are prohibited from serving groundwater to customers except upon request of the customer.
3. Conditions as directed by the Mayor and City Council.
4. Use Necessary for Public Health or Safety.
5. 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.
6. 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.



Frequently Asked Questions for Using PCII

The Protected Critical Infrastructure Information (PCII) Program Office of the Department of Homeland Security has compiled the following list of questions to provide information to those interested in the Program.

1. How is PCII used?

PCII may be used to secure the nation's critical infrastructures and protected systems. Data may be analyzed to identify threats and vulnerabilities and to issue warnings regarding these threats and vulnerabilities. The information may also be used to develop ways to mitigate vulnerabilities and to inform both the private and public sectors about such mitigation measures. Analysis may also support interdependency studies and improve the effectiveness of response, recovery, and reconstitution plans, or any other informational purposes that may facilitate homeland security efforts.

2. Can PCII be used for other purposes?

PCII may be used to support the purposes enumerated in the Critical Infrastructure Information Act of 2002 (CII Act). The CII Act specifically authorizes disclosure of PCII without the permission of the submitter:

- In furtherance of an investigation or the prosecution of a criminal act;
- To either House of Congress, or to the extent of matter within its jurisdiction, any committee or subcommittee thereof, any joint committee thereof or subcommittee, or any such joint committee; or
- To the Comptroller General, or any authorized representative of the Comptroller General, in the course of the performance of the duties of the General Accounting Office.

3. How will the PCII Program Office ensure that the appropriate agencies receive the PCII they need?

Federal, state, and local agencies themselves are the best ones to determine what information they need. The PCII Program Office undertakes outreach and communication

efforts to inform agencies of the existence of the PCII Program.

4. Will there be electronic transmission of information from agency to agency? How can security be guaranteed?

The security of PCII is paramount to the Program Office and the regulations require the PCII Program Manager to establish security requirements for any electronic storage or handling of PCII. Information will be shared electronically subject to stringent safeguards. For security reasons, details of such plans will not be made public. However, the following facts may be shared:

- **Security Policy:** The PCII Program Office security activities will be guided by a stringent security policy.
- **System Security:** Systems processing PCII will have administrative, operational, and technical controls that provide a level of security commensurate with the sensitivity of the information and the overall risk environment.
- **Operational Security:** PCII materials will be processed in a facility with complete access controls.
- **Personnel Security:** Individual access to PCII will be restricted to those certified to use PCII. Personnel will also be required to sign a Non-Disclosure Agreement and follow a strict set of procedures.

5. Once information is submitted, what happens to it?

Trained PCII Program Office staff closely control access to PCII in accordance with stringent safeguarding procedures. Upon receipt, the submitted information enjoys the presumption of protection and, while under review, is protected as PCII. Once a determination is made regarding whether the information qualifies for protection under the CII Act, the submitter is notified of the determination.

If the information does qualify for protection under the CII Act, it will be marked and protected in accordance with the requirements of the CII Act, implementing regulations and PCII Program Office procedures.

If the information does not qualify for protection under the CII Act, the submitter may request that the information be destroyed or used without CII Act protection, although other protections from disclosure under the Freedom of Information Act (FOIA) may apply.

After validation and marking, PCII is made available only to those individuals who are engaged in authorized uses of PCII as set forth in the CII Act and who have completed the required training. In Phase One of the PCII Program implementation, only analysts in Homeland Security's Information Analysis and Infrastructure Protection (IAIP) Directorate had access to PCII. The recent expansion of the PCII Program, from the IAIP Directorate to the entire Department, permits the PCII Program Office to partner with existing Homeland Security information sharing programs to promote industry submissions. In later phases of implementation, other federal agencies and state and local government entities who follow the required accreditation and safeguarding procedures may also receive PCII.

6. Is there a system of checks and balances during the validation process?

Yes. If a PCII Program Office staff member makes a preliminary determination that a submission does not qualify for protection under the CII Act, a senior staff member will review the decision. The submitter will be given an opportunity to provide additional information or to explain why the submission was thought to be qualified for CII Act protection. Before a final decision is made, a senior Program Office official will review the submission. The submitter will then be notified of the decision.

7. Can businesses skirt federal regulation by submitting information under this program, getting it protected, and then keeping it from other agencies?

No. A company cannot fulfill its obligation to submit information to a federal agency by submitting it to the PCII Program Office. If federal legislation or regulation requires a company to submit information to a federal agency, that company must submit such information directly to the applicable agency, regardless of whether or not the company voluntarily submits the same information to the PCII Program Office.

8. Will the PCII Program Office pass any information along to law enforcement? If so, under what circumstances? Will the submitter be notified?

Law enforcement has an essential role in national security, and may receive PCII, provided those receiving it use and safeguard it in accordance with provisions of the CII Act. The CII Act of 2002, Sec. 214, (a)(1)(D), stipulates that information may be used or disclosed in "furtherance of an investigation or prosecution of a criminal act." The submitter will not be notified when information is shared under these circumstances. Nor will the submitter be notified if a submission rejected for CII Act protection is subsequently shared with law enforcement. In most cases, it is expected that the submitter may be the victim of a criminal act and that law enforcement may be investigating or prosecuting a similar crime, possibly perpetrated by the same individual. In such cases, law enforcement would be interested in the information to help apprehend and/or prosecute the suspected perpetrator of the criminal act.

9. Will foreign governments receive PCII?

The Information Analysis and Infrastructure Protection (IAIP) Directorate may issue alerts, warnings and/or advisories to foreign governments that were developed using PCII. However, the IAIP Directorate will remove any identifying and/or proprietary and confidential information from alerts, warnings, and advisories before they are issued.

The PCII Program Office will only provide PCII to foreign governments after obtaining written consent from the submitter and pursuant to formal agreements with those governments as established by the Department of State or other authorized federal government entities. If the submitter does not consent to the request, the PCII Program Office will deny the request. The PCII Program Office will also deny the foreign government's request if the submitter does not respond to the PCII Program Office's request for written consent within 30 days.

For additional information on the PCII Program and how to submit CII to the Program Office, visit the Web site at: www.dhs.gov/pcii.



Cyber Infrastructure Survey

Description

The Department of Homeland Security (DHS) Office of Cybersecurity & Communications (CS&C) conducts no-cost, voluntary assessments for organizations in the critical infrastructure sector as well as state, local, tribal, and territorial (SLTT) governments using the Cyber Infrastructure Survey (CIS). Through a CIS, your organization can evaluate its security controls effectiveness, resiliency, and cybersecurity preparedness.

Format

The CIS is a facilitated, expert-led assessment accomplished through an informal interview (typically 2 ½ to 4 hours long) with cybersecurity personnel within your organization (e.g., Chief Information Security Officer, ICS/SCADA Security Manager, IT Security Manager).

Goal

The goal of the CIS is to provide an assessment of essential cybersecurity practices in-place for a critical service within your organization, and to identify interdependencies, capabilities, and the emerging effects related to current cybersecurity posture.

Approach

The CIS is a structured, interview-based assessment of more than 80 cybersecurity controls grouped under five surveyed topics: cybersecurity management, cybersecurity forces, cybersecurity controls, cyber incident response, and cyber dependencies. The CIS focuses on protective measures, threat scenarios, and a service-based view of cybersecurity in the context of the surveyed topics. Following the assessment, DHS will provide your organization with a user-friendly dashboard for reviewing and interacting with the surveyed findings. Your organization can use the dashboard to compare its results against industry data for critical infrastructure sectors, review results in the context of specific cyber and physical threat scenarios, and dynamically adjust the status of in-place practices to see the effects on overall cyber protection.

Association to the Cybersecurity Framework

The cybersecurity controls surveyed within the CIS broadly align to the National Institute of Standards and Technology (NIST) Cybersecurity Framework (CSF). However, the CIS should not be considered a survey of the organization's adherence to the NIST CSF. The CIS computes a unique, service-specific cyber protective resilience index score based on only a narrow set of cyber protection and resilience measures. The NIST CSF is a comprehensive framework and should be considered as a next step to post-CIS evaluation.

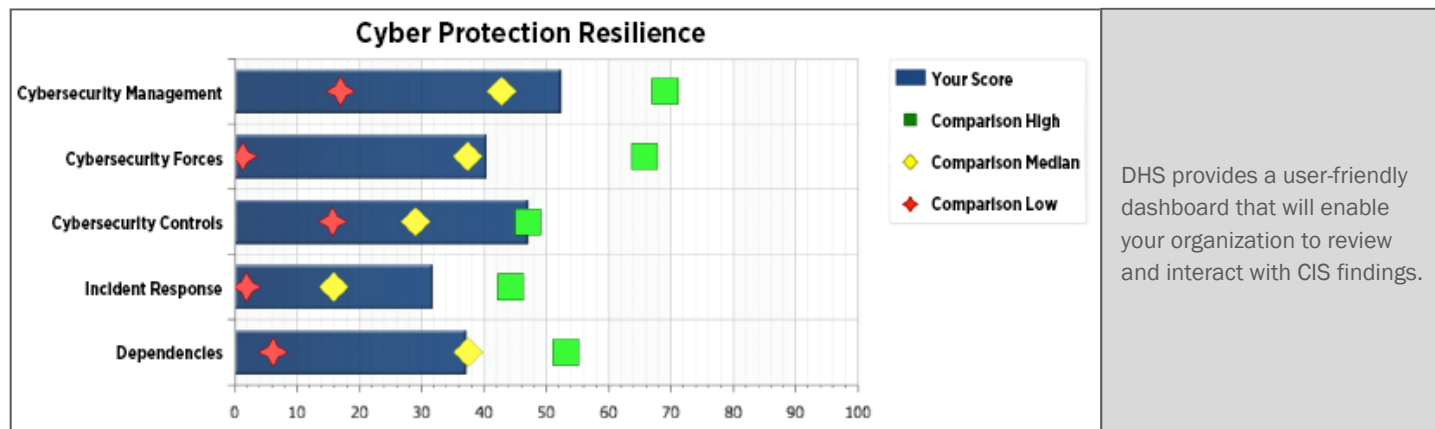
Benefits and Outcomes

A CIS provides your organization with:

- an effective, repeatable assessment of cybersecurity controls in-place for a critical cyber service;
- a user-friendly, interactive dashboard to support cybersecurity planning and resource allocation; and
- access to peer performance data visually depicted on the dashboard.

CIS Survey Question Domains

CIS Domains	
Cybersecurity Forces * Personnel * Cybersecurity Training	Cybersecurity Management * Cybersecurity Leadership * Cyber Service Architecture * Change Management
Cybersecurity Controls * Authentication and Authorization Controls * Access Controls * Cybersecurity Measures * Information Protection * User Training * Defense Sophistication and Compensating Controls	* Lifecycle Tracking * Assessment and Evaluation * Cybersecurity Plan * Cybersecurity Exercises * Information Sharing
Incident Response * Incident Response Measures * Alternate Site and Disaster Recovery	Dependencies * Data at Rest * Data in Motion * Data in Process * End Point Systems



Data Privacy

The CIS dashboard is for your organization's exclusive use. DHS has strict provisions for sharing anonymous, surveyed results with approved partner organizations. All data collected and analysis performed under the CIS is afforded protection under the DHS Protected Critical Infrastructure Information (PCII) Program: www.dhs.gov/pcii.

About the Cybersecurity Advisors (CSA) Program

CSA are field representatives of SECIR working in coalition with CS&C initiatives and with the Nation's critical infrastructure in mind. They actively engage with partners and stakeholders to prepare for, prevent, and respond to incidents that could compromise or overwhelm strategic assets.

For Information and Scheduling

The Critical Infrastructure Survey is facilitated by the DHS Office of Cybersecurity & Communications (CS&C) Stakeholder Engagement and Cyber Infrastructure Resilience (SECIR) Division.

Email cyberadvisor@hq.dhs.gov to schedule or receive more information on the Critical Infrastructure Survey and other resources DHS may offer.



NATIONAL CYBERSECURITY ASSESSMENTS AND TECHNICAL SERVICES (NCATS)

CYBER HYGIENE: VULNERABILITY SCANNING

The NCATS Cyber Hygiene: Vulnerability Scanning activities continuously assess the “health” of external stakeholder endpoints reachable via the Internet. Activities consist of voluntary target discovery, vulnerability scanning, and checks of web and email best practices.

Scanning Phases

Target Discovery	
Process of identifying all active Internet accessible assets (networks, systems and hosts) to be scanned for vulnerabilities.	
Vulnerability Scanning & Configuration Tests	
	Occurs as a continuous series of non-intrusive checks in order to identify existing or potential vulnerabilities and configuration weaknesses.

Scanning Objectives

- Maintain a continually updated enterprise view of the cybersecurity posture of stakeholder’s Internet accessible systems
- Understand how systems and infrastructure appear to potential attackers
- Drive proactive mitigation of vulnerabilities and reduce risk

Scanning Timeline

[1] Pre-Planning

- Request service
- Receive Cyber Hygiene brief
- Provide target list (scope)
- Sign and return documents

[2] Planning

- Confirm scanning schedule
- Pre-scan notification

[3] Execution

- Initial scan of submitted scope
- Rescan scope based on detected vulnerability severity:
 - 12 hours for “critical”
 - 24 hours for “high”
 - 4 days for “medium”
 - 6 days for “low”
 - 7 days for “no vulnerabilities”

[4] Post-Execution

- Scanning summary report with Report Card
- Vulnerability mitigation recommendations
- Detailed findings included as exports
- Weekly reporting intervals



NATIONAL CYBERSECURITY ASSESSMENTS AND TECHNICAL SERVICES (NCATS)

VALIDATED ARCHITECTURE DESIGN REVIEW

A NCATS Validated Architecture Design Review (VADR) is an assessment based on Federal and industry standards, guidelines, and best practices. Assessments can be conducted on Information Technology (IT) or Operational Technology (OT) infrastructures.

Capabilities

Architecture Design Review

In-depth review of network architecture design and interconnectivity to internal and external systems focused on defensive strategies.



System Configuration and Log Review



Detailed review of system settings and activity to determine the susceptibility to potential attacks and baseline normal behavior to find anomalies.

Network Traffic Analysis

Utilizes a combination of open-source and commercial tools to identify anomalous communications which could indicate suspicious activity or misconfiguration.



Assessment Objectives

- Reduce risk to the Nation's Critical Infrastructure components
- Analyze systems based on standards, guidelines, and best practices
- Ensure effective defense-in-depth strategies
- Provide findings and practical mitigations for improving operational maturity and enhancing cybersecurity posture

Assessment Timeline

[1] Pre-Planning

- Request VADR
- Receive VADR Capabilities Brief
- Sign and return documents

[2] Planning

- Submit network diagram
- Schedule scoping meeting
- Submit network configurations, logs, and packet captures
- Schedule execution activities

[3] Execution

- Review submitted architecture
- Analyze packet captures
- Interviews with key personnel

[4] Post-Execution

- Out-Brief - provide initial findings
- Final report (+6 weeks)
- Follow-up on remediation actions - 180 days



REMOTE PENETRATION TESTING

The CISA Assessments team supports Federal, State, Local, Tribal and Territorial Governments and Critical Infrastructure partners by providing proactive testing and assessment services.

CISA Assessments' Remote Penetration Test (RPT) utilizes a dedicated remote team to assess and identify vulnerabilities and work with customers to eliminate exploitable pathways. RPTs are similar to risk and vulnerability assessments but focus only on externally accessible systems with a tradeoff made for more service capacity at the expense of assessment scope. As a remote service, it is less costly and more scalable than on-site offerings; however, it is more limited in organizational insight and context.



SCENARIOS

External Penetration Test: Verifying if the stakeholder network is accessible from the public domain by an unauthorized user by assessing open ports, protocols, and services.

External Web Application Test: Evaluating web applications for potential exploitable vulnerabilities; the test can include automated scanning, manual testing, or a combination of both methods.

Phishing Assessment: Testing through carefully crafted phishing emails containing a variety of malicious payloads to the trusted point of contact.



ASSESSMENT OBJECTIVES

- Conduct assessments to identify vulnerabilities and work with customers to eliminate exploitable pathways.
- Simulate the tactics and techniques of real-world threats and malicious adversaries.
- Test centralized data repositories and externally accessible assets/resources.
- Avoid causing disruption to the customer's mission, operation, and network infrastructure.



ASSESSMENT TIMELINE

Pre-Planning

- Request RPT
- Receive RPT Capabilities Brief
- Sign and return RPT Rules of Engagement

Planning

- Confirm schedule
- Establish trusted points of contact

- Determine RPT services, scope, and logistics during pre-assessment call(s)

Execution (Up to Six Weeks)

- Dependent on resource availability
- Critical findings are immediately disclosed

Reporting

- Briefing and initial recommendations
- Final report review and receipt – 10 days
- Follow-up on mitigation actions – 180 day

ABOUT

Our Team

The CISA Assessments team is a group of highly trained information security experts. Our mission is to measurably reduce cybersecurity risks to our Nation.

CISA leads the national effort to protect and enhance the resilience of the Nation's physical and cyber infrastructure.

Our services provide:

- **A proactive, risk-based approach** to analyzing stakeholder systems
- **Expertise** in identification of vulnerabilities, risk evaluation, and prioritized mitigation guidance
- **Comprehensive services that empower stakeholders** to increase speed and effectiveness of their cyber response capabilities

Additional Information

CISA assessments' security services are available at no cost. Stakeholders include Federal, State, Local, Tribal and Territorial governments, as well as Critical Infrastructure private sector companies. CISA does not share attributable information without written and agreed consent from the stakeholder. CISA uses anonymized data to develop non-attributed reports for trending and analysis purposes.

GET STARTED

Capabilities and service delivery timelines are available upon request. Service availability is limited. Contact us at NCATS_INFO@hq.dhs.gov to get started. Service delivery queues are prioritized on a continuous basis to ensure no stakeholder or sector receives a disproportionate amount of resources and that the data collected is a diverse representation of the nation.

MISSION AND VISION

Mission: *Providing cybersecurity assessments to facilitate the identification of risk for the purpose of protecting the Nation's cyber infrastructure.*

Vision: *To be the preeminent government leader providing comprehensive, innovative, and dynamic cybersecurity assessments for the purpose of facilitating and protecting the federal, state, private sector and critical infrastructure networks of the United States, reducing attack surfaces, eliminating threats, and fostering partnerships across the government landscape.*

Water Commission Projects: 2020 Action Plan / Assignments / Status/ Comments

Updated - 10/12/20		Commissioners		Status	Comments
<u>Infrastructure Health & Maintenance</u>					
	Identify equipment upgrade needs	Harshbarger	Haltaman	In Progress	To be included in Water Master Plan
	Provide input to Water Master Plan	Harshbarger	Haltaman	Due 2021	6/10/20 - Commissioners met w/City Engineers and Water Manager
	Investigate AMR/AMI Water Meter System	Valdez	Mueller	Complete	8/5/20 - City Council approved Bid Advertisement 9/2/20 - City Council approved Bid Proposal
	Wastewater Project	Carmichael	Haltaman	As Needed	
<u>Governance and Procedures</u>					
	Review Ordinance 54	Bullard	Mueller	In Progress	
	Review Ordinance 61	Bullard	Mueller	Approval Pending	8/25/20 - Proposed changes presented to WC & turned over to City Staff 10/27/20 - Draft version with comments from City Staff and City Attorney 11/25/20 - WC holds Public Hearing for Revised Ordinance
	Review Ordinance 159	Bullard	Mueller	On Hold	8/25/20 - Proposed splitting up into Ord 54 & New Zoning Ordinance TBD - Repeal after revision to Ord 54 and New Zoning Ord are complete
	Develop Education Plan	Bullard	Carmichael		
	Commercial Water Rate Structure	Mueller	Valdez	Complete	8/25/20 - Proposed adding base rates for different meter sizes
	Review Water Rates for 2021	Valdez	Harshbarger	Complete	10/27/20 - Water Rate Study reviewed with WC 11/4/20 - City Council Approved new Water Rates
	Document Water Rate review process	Valdez	Harshbarger	In Progress	
<u>Source / Supply Management</u>					
	Revisit Sources and Demand	Carmichael	Haltaman		
	Effective & efficient management plan	Carmichael	Haltaman		
	Periodic review of Water Leases	Carmichael	Haltaman	Complete	8/25/20 - Asked City Administrator to contact water leases holder 9/22/20 - Asked Subcommittee and City Admin for a recommendation 10/27/20 - WC recommends to City Admin not to renew water leases
<u>Strategic Planning</u>					
	Provide Budget input in Spring	Valdez	Harshbarger	On Going	
	Fuse Analyses	Valdez	Harshbarger	On Going	Plan to provide City Council Year End Report at January Council meeting.

Future Agenda Items

Water Commission

December 22, 2020, Regular Meeting

- 14** days before Meetings (12/01/2020) Water Commission and Staff items are due.
- 11** days before Meetings (12/04/2020) Water Commission Chair reviews agenda. City Attorney is sent agenda.
- 7** days before Meetings (12/08/2020) Post agenda on bulletin board. Water Commission receives packet (allowing a day for corrections/ request additional information be added)
- 5** days before Meetings (12/10/2020) Post agenda packet to City Website.
- 4** days before Meetings (12/11/2020) (72 hours) – Local Government Code requirement for posting

City Council = Red
 Planning & Zoning = Green
 Water Commission = Blue
 Quarry Commission = Purple
 Wildlife Management Advisory Commission = Brown
 City Holiday = Orange
 Municipal Court = Gray

Sun	Mon	Tues	Wed	Thur	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2

January 26, 2021, Regular Meeting

- 14** days before Meetings (01/12/2021) Water Commission and Staff items are due.
- 11** days before Meetings (01/15/2021) Water Commission Chair reviews agenda. City Attorney is sent agenda.
- 7** days before Meetings (01/19/2021) Post agenda on bulletin board. Water Commission receives packet (allowing a day for corrections/ request additional information be added)
- 5** days before Meetings (01/21/2021) Post agenda packet to City Website.
- 4** days before Meetings (01/22/2021) (72 hours) – Local Government Code requirement for posting

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17	18	19	20	21	22	23
24	25	26	27	28	29	30

PENDING FUTURE AGENDA ITEMS

Water Commission Rolling Attendance at Water Commission Meetings

	8/27/19 Regular Meeting	9/24/19 Regular Meeting	10/22/19 Regular Meeting	11/19/19 Regular Meeting	1/28/20 Regular Meeting	5/26/20 Regular Meeting	6/23/20 Regular Meeting	7/28/20 Regular Meeting	8/25/20 Regular Meeting	9/22/20 Regular Meeting	10/27/20 Regular Meeting	11/17/20 Regular Meeting
Carmichael					P	P	A	P	P	E	P	
Bullard	P	A	P	P	P	P	P	E	P	P	A	
Valdez	P	P	P	P	P	P	P	P	P	P	P	
Haltaman	P	P	A	P	P	P	A	P	P	P	P	
Mueller			P	P	A	P	P	P	P	P	P	
Harshbarger	P	P	P	P	P	P	P	P	P	P	P	
P	Present		P-QNM	Present but quorum not met		E	Excused for reasons allowed in Ord. 210					
U	Unannounced Absence			Not member yet		A	Voluntary Announced Absense					

2020 Water Commission's Attendance at City Council Regular Meetings

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