



**AGENDA
CITY WATER COMMISSION
REGULAR MEETING
TUESDAY, MAY 28, 2019, 6:00 P.M.**

The City Water Commission will meet in a regular session on Tuesday, May 28, 2019, 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 by May 25, 2019, before 6:00 p.m. providing time, place, date, and agenda thereof. The meeting facility is wheelchair accessible and accessible parking spaces are provided. Requests for accommodations or 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 City Water 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 follow these guidelines:

- a) Respect and courtesy:
 - i. Direct your comments to the entire Commission, not to an individual member, nor to the audience.
 - ii. Show the Commission the same respect that you would like to be shown.
 - iii. End your speaking at the time allotted below.
- b) Speaking:
 - i. First citizen comment period
 - 1. You are required to sign up to speak.
 - 2. You are limited to one 3-minute period.
 - ii. Business item period
 - 1. You are required to sign up to speak.
 - 2. You are limited to one 3-minute period.
 - iii. Second citizen comment period
 - 1. You are not required to sign up.
 - 2. You are limited to one 2-minute period.
 - iv. State your name and address before your comments begin.
 - v. 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 City Council 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
 - i. Minutes for April 23, 2019, Water Commission Regular Meeting.
- b) Recommendations
 - i. Request for water bill adjustment/credit for 9546 Teakwood Dr for billing period of March 21, 2019 – April 22, 2019.
 - 1. Review and make a recommendation to City Council regarding the request.
- c) Discussions/Reports/Updates
 - i. Water Manager Monthly Activity Report.
 - 1. Water Pumping/usage from City wells, Water system infrastructure maintenance, repairs and/or projects, and Water and/or Drought Management (current Watering Stage).
 - ii. Discuss SCADA security concerns.
 - iii. Discussion on water infrastructure.
 - iv. Discussion on Trinity Aquifer.
 - v. Discussion on Water Leases.
 - 1. Discuss and make possible recommendation to City Council on renewal of Water Leases.
 - vi. Water Rate Study.
 - 1. Discuss and make possible recommendation to City Council on Water Rate Study and/or water rate adjustments.
 - vii. Education/Training Sessions.
 - 1. Discuss and provide directions on future education or training sessions.
 - viii. Items discussed at the May 1, 2019, City Council Regular Meeting.
 - ix. Water Commission activities and projects.
 - 1. Update on Commissioner's activities and projects.
 - 2. Discuss and make possible recommendations on future meetings or direction regarding Water Commission activities and projects.
 - x. 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.
 - 1. Interview possible candidates for Water Commission Place 4 vacancy (term expiring September 30, 2020).
 - 2. Make a recommendation to City Council for appointment of Commissioner.
 - 3. Discuss and make recommendations related to application of Ordinance provisions to Commission members, if needed.

xi. Future Agenda Items.

1. Commissioner's input on agenda items.
2. Announce date, time, and location for next regular meeting (Tuesday, June 25, 2019, at 6:00 p.m. at City Hall – City Council Chambers).

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. The Commission reserves the right to adjourn into closed session at any time during the course of this meeting to discuss any of the matters listed above, as authorized by Title 5, Chapter 551, of the Texas Government Code.

Executive Sessions Authorized:

This agenda has been reviewed and approved by the City's legal counsel and the presence of any subject in any Executive Session portion of the agenda constitutes a written interpretation of Texas Government Code Chapter 551 by legal counsel for the governmental body and constitutes an opinion by the attorney that the items discussed therein may be legally discussed in the closed portion of the meeting considering available opinions of a court of record and opinions of the Texas Attorney General known to the attorney. This provision has been added to this agenda with the intent to meet all elements necessary to satisfy Texas Government Code Chapter 551.144(c) and the meeting is conducted by all participants in reliance on this opinion.

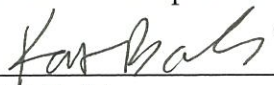
Attendance By Other Elected or Appointed Officials:

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



Kat Balbi
Utility Clerk

This is to certify that I, Kat Balbi, posted this Agenda at 1:30 p.m. on May 22, 2019, on the bulletin board located at the entrance to the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas.



Kat Balbi
Utility Clerk



MINUTES
CITY WATER COMMISSION REGULAR MEETING
TUESDAY, APRIL 23, 2019, 6:00 P.M.

Commissioners Present:

Chair David Heier
Vice-Chair Richard Holloway
Commissioner Keven Harshbarger
Commissioner Jesse Valdez
Commissioner Andre Bullard
Mayor Larry Thompson, Ex-officio

Commissioners Absent:

Vacant Position

City Staff Present:

Nancy Cain, City Administrator
Marisa Spencer, City Secretary
Jacob Parsons, Water Manager
Brad Olivarri, Deputy Water Manager
Kat Balbi, Utility Clerk

Other Appointed or Elected Officials in Attendance:

None

1. Call to Order

With a quorum of the City Water Commission present, Chair Heier called the regular meeting of the Garden Ridge City Water Commission to order at 6:01p.m. on Tuesday, April 23, 2019, 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 Heier led the Pledge of Allegiance.

4. Introduction of Jacob Parsons, Water Manager

Chair Heier welcomed Jacob Parsons, Water Manager, to the City of Garden Ridge and Water Commission. He stated the Water Commissioners have been looking forward to working with him on their individual projects.

5. Citizen Comment Period – limited to 30 minutes total

Lawrence Monsour, 20210 Bat Cave Road, stated he is asking for relief on his upcoming water bill because his backflow was leaking. He stated a water hammer, or a surge blew out a valve on his backflow. He contacted A-1 Backflow once he was aware of the issue and has scheduled for a pressure reducing valve to be installed.

6. Business Items

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

a) Approvals

i. Minutes for March 26, 2019, Water Commission Regular Meeting.

Motion: A motion was made by Commissioner Valdez, seconded by Commissioner Bullard, to approve the Minutes of the March 26, 2019, Water Commission Regular Meeting. The Water Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

b) Discussions/Reports/Updates

i. Water Manager Monthly Activity Report.

1. 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 Water Department Monthly Activity Report.

Commissioner Holloway asked what product the four rebates fell under. Jacob Parsons, Water Manager, and Brad Olivarri, Deputy Water Manager, stated three were toilets and one may be a washer.

2. Tank overflow at Elevated Site

Jacob Parsons, Water Manager, stated the most likely scenario was a human error because there was no indicator on the mainframe about a change; therefore, it had to be changed from a remote site.

Brad Olivarri, Deputy Water Manager, stated that industrial mechanisms such as emergency valves are being investigated.

ii. Discuss SCADA security concerns.

Jacob Parsons, Water Manager, discussed contacting a knowledgeable SCADA integrator to look at the City's system while he is also familiarizing himself with the City's system.

Commissioner Harshbarger discussed gathering more information about SCADA systems before providing suggestions to the Water Commission.

iii. Discussion on Water Leases.

Chair Heier discussed the renewal of Water Leases with the Water Commission. Commissioner Holloway asked if one party can terminate the contract. Nancy Cain, City Administrator, stated she did not know and will have the contract terms ready for the next Water Commission meeting.

Jacob Parsons, Water Manager, stated Water Leases are tricky because the City may not need the water now, but could in the future. He stated the future expansion of the Water Department plays a key factor in renewing Water Leases.

Commissioner Holloway questioned if any water was used from the current Water Leases. Mayor Thompson, Ex-officio, along with Nancy Cain, City Administrator, stated no water was used last year from the current leases. Mayor Thompson, Ex-officio, discussed the history of Water Leases for the City and thanked the Water Commission for examining these contracts.

Chair Heier stated the discussion of Water Leases should remain on the agenda for next month.

iv. Water Rate Study.

1. Discuss and make possible recommendation to City Council on Water Rate Study and/or water rate adjustments.

Chair Heier stated Jacob Parsons, Water Manager, should review the Water Rate Study and provide input to the Water Commission next month.

Jacob Parsons, Water Manager, stated he will review the Water Rate Study in detail, including where the data came from.

v. Estimates for Well Sites.

1. Fire extinguishers for MCC rooms.

Jacob Parsons, Water Manager, stated he walked through each site and agrees that fire extinguishers should be accessible. He stated that ABC extinguishers cover more than fires and they are \$50 to \$60 each.

Chair Heier discussed if these extinguishers are on City trucks and Brad Olivarri, Deputy Water Manager, stated they are.

2. Water level indicators on ground storage tanks.

Jacob Parsons, Water Manager, discussed various kinds of level indicator options and will find more quotes to bring to the Water Commission.

3. Pump replacements.

Jacob Parsons, Water Manager, stated he does not think this is currently necessary, however he will inspect each motor and determine their life spans. He stated that a maintenance procedure for well sites needs to be in place before the City begins purchasing infrastructure items.

Chair Heier stated each Commissioner can contribute based upon their Commissioner projects. He stated the Water Commission looks forward to working with Jacob Parsons, Water Manager.

vi. Education/Training Sessions.

1. Discuss and provide directions on future education or training sessions.

Chair Heier stated the Comal Trinity Ground Water Conservation District will have an educational meeting on June 17th at 6pm. He discussed a handout, *Goodbye to an Aquifer* by Brantley Hargrove, that explains over pumping in small cities and how the information can contribute to the City. He stated each Commissioner should review the handout for discussion at the next Water Commission Regular Meeting in May.

vii. Items discussed at the April 3, 2019 City Council Regular Meeting.

Chair Heier stated the monthly reports were reviewed and the City Council approved the water bill credit of \$42.65 for 8810 Tuscan Hills Dr.

viii. Water Commission activities and projects.

1. Receive presentation on Infrastructure from Commissioners Valdez and Harshbarger.

Commissioner Valdez and Commissioner Harshbarger had no further updates at this time and stated they will schedule a meeting with Jacob Parsons, Water Manager, to receive his input.

2. Update on Commissioner's activities and projects.

Commissioner Holloway updated the Water Commission on his project of Demand. He discussed his investigation of the difference of usage between irrigation and non-irrigation homes. He found that between the months of November and April, there is almost no irrigation usage for residents. He stated the daily water usage in his house is 30 gallons versus what the City claims is 80-100 gallons per person. He will schedule a meeting with Jacob Parsons, Water Manager, to find an average use for customers and this will help the City with future water decisions.

Commissioner Bullard stated his project only has minor changes to the material. He stated Jacob Parsons, Water Manager, should review the material and provide input. He further discussed the usefulness of the graph on the water bill for residents.

Chair Heier stated all projects should be finished by the Water Commission Regular Meeting in August. He stated if any projects finish sooner, then they may go forward to City Council.

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

Chair Heier stated each Commissioner will continually provide an update on any progress of their activities and projects.

ix. 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

1. Discuss and accept resignation of Commissioner Pitzen.

Chair Heier stated Commissioner Pitzen had verbally announced his resignation due to health reasons at the March meeting. He further stated Commissioner Pitzen was a valued member of the Water Commission.

Motion: A motion was made by Commissioner Holloway, seconded by Commissioner Valdez, to accept resignation of Commissioner Pitzen due to health reasons. The Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

2. Discuss the interview process of candidates to fill vacancy.

Nancy Cain, City Administrator, stated the City has received information from two possible applicants to fill the vacancy, adding the Water Commission will conduct interviews at the Commission's May meeting.

Commissioner Holloway stated he spoke with an individual from the GRCPAAA that is interested in the position.

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

Chair Heier stated the Commission does not have matters to discuss at this time.

x. Future Agenda Items.

1. Commissioner's input on agenda items.

Chair Heier stated Robert Monsour should be on the next agenda and the Water Department should look into Mr. Monsour's claims.

2. Announce date, time, and location for next regular meeting (Tuesday, May 28, 2019, at 6:00 p.m. at City Hall – City Council Chambers).

Chair Heier announced the next Water Commission Regular Meeting will be held on Tuesday, May 28, 2019, at 6:00 p.m. at City Hall – City Council Chambers.

7. Citizen Comment Period – limited to 20 minutes total

No one wished to speak.

8. Adjournment

Motion: A motion was made by Commissioner Holloway, seconded by Commissioner Harshbarger, to adjourn. The Commission voted four (4) for and none (0) opposed. The motion carried unanimously. There being no further business, the Tuesday, April 23, 2019, Water Commission Regular Meeting was adjourned at 6:49 p.m. by Chair Heier.

David Heier
Chair

ATTEST:

Kat Balbi
Utility Clerk

**SIGN IN TO SPEAK AT THE APRIL 23, 2019
CITY WATER COMMISSION REGULAR MEETING
CITIZEN COMMENT PERIOD**

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NAME

ADDRESS

SUBJECT

1. LAURENCE MONSIEUR

20210 BATHGATE

Relief from water bill

2.

3.

4.

5.

6.

7.

8.

9.

10.



Account Number

New Occupant

Address

9546 TEAKWOOD DRIVE

Zone

01

Name

GOULD, MICHAEL

General Metered Non-Metered Financial Information Comments History Consumption History Service Orders Devices

Services 010 RI WATER - RES INSIDE - 84849261

Filter

Period

Thru

99/9999

☒ Grid ☐ Graph

Bill History



Year

		Read		Total	Demand		Reading		
Month	Date	Previous	Current	Consumption	Read	Consumption	Flag	Source	Occupant
- Year: 2019 Total 4									
Apr	04/22/2019	25	123	98			Regular	Hand Held	01
Mar	03/21/2019	0	25	25			Regular	Hand Held	01
Feb	02/21/2019	824	824	0			Regular	Hand Held	01
Jan	01/23/2019	823	824	1			Regular	Hand Held	01
- Year: 2018 Total 2									
Dec	12/19/2018	823	823	0			Regular	Hand Held	01
Nov	11/20/2018	822	823	1			Regular	Hand Held	01

Avg 21

☐ Edit This Record

Clear

View

water

9546 Teakwood Dr.

Date	Time	Consumption	Date	Time	Consumption
4/23/2019	11:53 PM	45.39	4/22/2019	2:53 AM	0
4/23/2019	10:53 PM	0.18	4/22/2019	1:53 AM	4.09
4/23/2019	9:53 PM	23.05	4/22/2019	12:53 AM	34.26
4/23/2019	8:53 PM	5.1	4/21/2019	11:53 PM	15.75
4/23/2019	7:53 PM	2.04	4/21/2019	10:53 PM	4.98
4/23/2019	6:53 PM	4.36	4/21/2019	9:53 PM	4.41
4/23/2019	5:53 PM	2.63	4/21/2019	8:53 PM	5.23
4/23/2019	4:53 PM	0	4/21/2019	7:53 PM	21.38
4/23/2019	3:53 PM	0	4/21/2019	6:53 PM	11.81
4/23/2019	2:53 PM	0	4/21/2019	5:53 PM	16.33
4/23/2019	1:53 PM	0	4/21/2019	4:53 PM	3.16
4/23/2019	12:53 PM	0	4/21/2019	3:53 PM	4.15
4/23/2019	11:53 AM	0	4/21/2019	2:53 PM	6.32
4/23/2019	10:53 AM	0	4/21/2019	1:53 PM	22.27
4/23/2019	9:53 AM	0.25	4/21/2019	12:53 PM	12.91
4/23/2019	8:53 AM	34.04	4/21/2019	11:53 AM	50.08
4/23/2019	7:53 AM	0	4/21/2019	10:53 AM	60.6
4/23/2019	6:53 AM	9.19	4/21/2019	9:53 AM	15.28
4/23/2019	5:53 AM	2.17	4/21/2019	8:53 AM	15.6
4/23/2019	4:53 AM	0	4/21/2019	7:53 AM	6.83
4/23/2019	3:53 AM	0	4/21/2019	6:53 AM	0
4/23/2019	2:53 AM	1.53	4/21/2019	5:53 AM	0
4/23/2019	1:53 AM	0.87	4/21/2019	4:53 AM	0
4/23/2019	12:53 AM	0.46	4/21/2019	3:53 AM	0
4/22/2019	11:53 PM	925.58	4/21/2019	2:53 AM	0
4/22/2019	10:53 PM	1447.51	4/21/2019	1:53 AM	19.28
4/22/2019	9:53 PM	1289.58	4/21/2019	12:53 AM	21.83
4/22/2019	8:53 PM	751.66	4/20/2019	11:53 PM	75.66
4/22/2019	7:53 PM	11.27	4/20/2019	10:53 PM	5.53
4/22/2019	6:53 PM	1.12	4/20/2019	9:53 PM	3.28
4/22/2019	5:53 PM	5.44	4/20/2019	8:53 PM	0
4/22/2019	4:53 PM	0	4/20/2019	7:53 PM	0
4/22/2019	3:53 PM	0	4/20/2019	6:53 PM	0
4/22/2019	2:53 PM	0	4/20/2019	5:53 PM	0
4/22/2019	1:53 PM	0	4/20/2019	4:53 PM	0
4/22/2019	12:53 PM	0	4/20/2019	3:53 PM	0
4/22/2019	11:53 AM	0	4/20/2019	2:53 PM	0
4/22/2019	10:53 AM	895.15	4/20/2019	1:53 PM	0
4/22/2019	9:53 AM	1441.29	4/20/2019	12:53 PM	0
4/22/2019	8:53 AM	1307.32	4/20/2019	11:53 AM	0
4/22/2019	7:53 AM	708.17	4/20/2019	10:53 AM	0
4/22/2019	6:53 AM	0.76	4/20/2019	9:53 AM	0
4/22/2019	5:53 AM	2.05	4/20/2019	8:53 AM	0
4/22/2019	4:53 AM	0.95	4/20/2019	7:53 AM	0
4/22/2019	3:53 AM	0	4/20/2019	6:53 AM	0
4/20/2019	5:53 AM	0	4/18/2019	4:53 AM	0

4/20/2019	4:53 AM	0	4/18/2019	3:53 AM	0
4/20/2019	3:53 AM	0	4/18/2019	2:53 AM	4.06
4/20/2019	2:53 AM	0	4/18/2019	1:53 AM	0.2
4/20/2019	1:53 AM	0	4/18/2019	12:53 AM	37.55
4/20/2019	12:53 AM	0	4/17/2019	11:53 PM	18.39
4/19/2019	11:53 PM	0	4/17/2019	10:53 PM	21.07
4/19/2019	10:53 PM	0	4/17/2019	9:53 PM	6.19
4/19/2019	9:53 PM	0	4/17/2019	8:53 PM	10.49
4/19/2019	8:53 PM	0	4/17/2019	7:53 PM	3.36
4/19/2019	7:53 PM	0	4/17/2019	6:53 PM	0.16
4/19/2019	6:53 PM	0	4/17/2019	5:53 PM	1.89
4/19/2019	5:53 PM	0	4/17/2019	4:53 PM	0
4/19/2019	4:53 PM	0	4/17/2019	3:53 PM	0
4/19/2019	3:53 PM	0	4/17/2019	2:53 PM	0
4/19/2019	2:53 PM	0	4/17/2019	1:53 PM	0
4/19/2019	1:53 PM	0	4/17/2019	12:53 PM	0
4/19/2019	12:53 PM	0	4/17/2019	11:53 AM	0
4/19/2019	11:53 AM	0	4/17/2019	10:53 AM	0
4/19/2019	10:53 AM	0	4/17/2019	9:53 AM	0
4/19/2019	9:53 AM	0	4/17/2019	8:53 AM	5.63
4/19/2019	8:53 AM	0	4/17/2019	7:53 AM	27.52
4/19/2019	7:53 AM	0	4/17/2019	6:53 AM	11.95
4/19/2019	6:53 AM	0	4/17/2019	5:53 AM	5.39
4/19/2019	5:53 AM	0	4/17/2019	4:53 AM	0
4/19/2019	4:53 AM	0	4/17/2019	3:53 AM	0
4/19/2019	3:53 AM	0	4/17/2019	2:53 AM	0
4/19/2019	2:53 AM	0	4/17/2019	1:53 AM	0
4/19/2019	1:53 AM	0	4/17/2019	12:53 AM	0
4/19/2019	12:53 AM	0	4/16/2019	11:53 PM	42.76
4/18/2019	11:53 PM	888.92	4/16/2019	10:53 PM	10.09
4/18/2019	10:53 PM	1432.29	4/16/2019	9:53 PM	31.41
4/18/2019	9:53 PM	1287.21	4/16/2019	8:53 PM	0.78
4/18/2019	8:53 PM	701.2	4/16/2019	7:53 PM	0.21
4/18/2019	7:53 PM	8.12	4/16/2019	6:53 PM	34.16
4/18/2019	6:53 PM	44.27	4/16/2019	5:53 PM	12.95
4/18/2019	5:53 PM	24.28	4/16/2019	4:53 PM	0
4/18/2019	4:53 PM	7.65	4/16/2019	3:53 PM	0
4/18/2019	3:53 PM	3.7	4/16/2019	2:53 PM	0
4/18/2019	2:53 PM	7.48	4/16/2019	1:53 PM	0
4/18/2019	1:53 PM	1.79	4/16/2019	12:53 PM	0
4/18/2019	12:53 PM	2.03	4/16/2019	11:53 AM	0
4/18/2019	11:53 AM	1.66	4/16/2019	10:53 AM	0
4/18/2019	10:53 AM	894.82	4/16/2019	9:53 AM	0
4/18/2019	9:53 AM	1436.28	4/16/2019	8:53 AM	4.01
4/18/2019	8:53 AM	1313.59	4/16/2019	7:53 AM	27.26
4/18/2019	7:53 AM	702.33	4/16/2019	6:53 AM	0
4/18/2019	6:53 AM	0	4/16/2019	5:53 AM	2.57
4/18/2019	5:53 AM	0	4/16/2019	4:53 AM	0
4/16/2019	3:53 AM	0	4/14/2019	2:53 AM	0

4/16/2019	2:53 AM	37.27	4/14/2019	1:53 AM	0
4/16/2019	1:53 AM	92.59	4/14/2019	12:53 AM	0
4/16/2019	12:53 AM	1.2	4/13/2019	11:53 PM	4.06
4/15/2019	11:53 PM	888.69	4/13/2019	10:53 PM	27.75
4/15/2019	10:53 PM	1477.43	4/13/2019	9:53 PM	19.89
4/15/2019	9:53 PM	1332.95	4/13/2019	8:53 PM	0
4/15/2019	8:53 PM	802.25	4/13/2019	7:53 PM	0
4/15/2019	7:53 PM	6.16	4/13/2019	6:53 PM	0
4/15/2019	6:53 PM	8.15	4/13/2019	5:53 PM	0
4/15/2019	5:53 PM	3.9	4/13/2019	4:53 PM	0
4/15/2019	4:53 PM	0	4/13/2019	3:53 PM	0
4/15/2019	3:53 PM	0	4/13/2019	2:53 PM	0.5
4/15/2019	2:53 PM	0	4/13/2019	1:53 PM	6.35
4/15/2019	1:53 PM	0	4/13/2019	12:53 PM	0
4/15/2019	12:53 PM	0	4/13/2019	11:53 AM	0
4/15/2019	11:53 AM	0	4/13/2019	10:53 AM	0.25
4/15/2019	10:53 AM	887.92	4/13/2019	9:53 AM	0
4/15/2019	9:53 AM	1443.25	4/13/2019	8:53 AM	14.98
4/15/2019	8:53 AM	1284.4	4/13/2019	7:53 AM	2.15
4/15/2019	7:53 AM	729.68	4/13/2019	6:53 AM	32.68
4/15/2019	6:53 AM	2.68	4/13/2019	5:53 AM	0
4/15/2019	5:53 AM	0	4/13/2019	4:53 AM	0
4/15/2019	4:53 AM	0	4/13/2019	3:53 AM	0
4/15/2019	3:53 AM	0	4/13/2019	2:53 AM	0
4/15/2019	2:53 AM	0	4/13/2019	1:53 AM	0
4/15/2019	1:53 AM	1.23	4/13/2019	12:53 AM	0
4/15/2019	12:53 AM	1.6	4/12/2019	11:53 PM	0
4/14/2019	11:53 PM	2.12	4/12/2019	10:53 PM	40.3
4/14/2019	10:53 PM	32.59	4/12/2019	9:53 PM	19.58
4/14/2019	9:53 PM	36.09	4/12/2019	8:53 PM	18.9
4/14/2019	8:53 PM	2.05	4/12/2019	7:53 PM	5.28
4/14/2019	7:53 PM	5.56	4/12/2019	6:53 PM	5.32
4/14/2019	6:53 PM	4.04	4/12/2019	5:53 PM	0.49
4/14/2019	5:53 PM	6.96	4/12/2019	4:53 PM	1.54
4/14/2019	4:53 PM	3.55	4/12/2019	3:53 PM	0
4/14/2019	3:53 PM	4.14	4/12/2019	2:53 PM	0
4/14/2019	2:53 PM	36.74	4/12/2019	1:53 PM	0
4/14/2019	1:53 PM	35.45	4/12/2019	12:53 PM	0
4/14/2019	12:53 PM	53.27	4/12/2019	11:53 AM	0
4/14/2019	11:53 AM	98.18	4/12/2019	10:53 AM	0
4/14/2019	10:53 AM	106.2	4/12/2019	9:53 AM	17.93
4/14/2019	9:53 AM	4.94	4/12/2019	8:53 AM	10.17
4/14/2019	8:53 AM	0	4/12/2019	7:53 AM	36.46
4/14/2019	7:53 AM	2.16	4/12/2019	6:53 AM	0.39
4/14/2019	6:53 AM	0	4/12/2019	5:53 AM	1.93
4/14/2019	5:53 AM	0	4/12/2019	4:53 AM	0
4/14/2019	4:53 AM	0	4/12/2019	3:53 AM	0
4/14/2019	3:53 AM	0	4/12/2019	2:53 AM	0
4/12/2019	1:53 AM	0	4/10/2019	12:53 AM	0.31

4/12/2019	12:53 AM	15.32	4/9/2019	11:53 PM	68.22
4/11/2019	11:53 PM	922.99	4/9/2019	10:53 PM	46.37
4/11/2019	10:53 PM	1481.15	4/9/2019	9:53 PM	45.78
4/11/2019	9:53 PM	1425.18	4/9/2019	8:53 PM	154.21
4/11/2019	8:53 PM	779.21	4/9/2019	7:53 PM	7.19
4/11/2019	7:53 PM	13.01	4/9/2019	6:53 PM	0.61
4/11/2019	6:53 PM	0.55	4/9/2019	5:53 PM	2
4/11/2019	5:53 PM	1.44	4/9/2019	4:53 PM	0
4/11/2019	4:53 PM	0	4/9/2019	3:53 PM	0
4/11/2019	3:53 PM	0	4/9/2019	2:53 PM	0
4/11/2019	2:53 PM	0	4/9/2019	1:53 PM	0
4/11/2019	1:53 PM	0	4/9/2019	12:53 PM	0
4/11/2019	12:53 PM	0	4/9/2019	11:53 AM	0
4/11/2019	11:53 AM	0	4/9/2019	10:53 AM	0
4/11/2019	10:53 AM	885.03	4/9/2019	9:53 AM	0
4/11/2019	9:53 AM	1434.06	4/9/2019	8:53 AM	11.93
4/11/2019	8:53 AM	1288.73	4/9/2019	7:53 AM	33.84
4/11/2019	7:53 AM	735.47	4/9/2019	6:53 AM	1.33
4/11/2019	6:53 AM	2.65	4/9/2019	5:53 AM	1.55
4/11/2019	5:53 AM	0	4/9/2019	4:53 AM	0
4/11/2019	4:53 AM	0	4/9/2019	3:53 AM	0
4/11/2019	3:53 AM	0	4/9/2019	2:53 AM	0
4/11/2019	2:53 AM	0	4/9/2019	1:53 AM	2.63
4/11/2019	1:53 AM	0	4/9/2019	12:53 AM	0
4/11/2019	12:53 AM	0	4/8/2019	11:53 PM	909.82
4/10/2019	11:53 PM	42.72	4/8/2019	10:53 PM	1440.59
4/10/2019	10:53 PM	4.57	4/8/2019	9:53 PM	1447
4/10/2019	9:53 PM	1.61	4/8/2019	8:53 PM	898.13
4/10/2019	8:53 PM	137.55	4/8/2019	7:53 PM	43.47
4/10/2019	7:53 PM	24.13	4/8/2019	6:53 PM	39.43
4/10/2019	6:53 PM	2.31	4/8/2019	5:53 PM	2.3
4/10/2019	5:53 PM	2.13	4/8/2019	4:53 PM	0
4/10/2019	4:53 PM	0	4/8/2019	3:53 PM	0
4/10/2019	3:53 PM	0	4/8/2019	2:53 PM	0
4/10/2019	2:53 PM	0	4/8/2019	1:53 PM	0
4/10/2019	1:53 PM	0	4/8/2019	12:53 PM	0
4/10/2019	12:53 PM	0	4/8/2019	11:53 AM	0
4/10/2019	11:53 AM	0	4/8/2019	10:53 AM	892.66
4/10/2019	10:53 AM	0	4/8/2019	9:53 AM	1434.96
4/10/2019	9:53 AM	0.22	4/8/2019	8:53 AM	1307.15
4/10/2019	8:53 AM	31.55	4/8/2019	7:53 AM	719.51
4/10/2019	7:53 AM	5.08	4/8/2019	6:53 AM	1.13
4/10/2019	6:53 AM	0.42	4/8/2019	5:53 AM	1.59
4/10/2019	5:53 AM	2.29	4/8/2019	4:53 AM	0
4/10/2019	4:53 AM	0	4/8/2019	3:53 AM	0.36
4/10/2019	3:53 AM	0	4/8/2019	2:53 AM	0.19
4/10/2019	2:53 AM	0	4/8/2019	1:53 AM	2.29
4/10/2019	1:53 AM	0	4/8/2019	12:53 AM	1.76
4/7/2019	11:53 PM	45.8	4/5/2019	10:53 PM	20.08

4/7/2019	10:53 PM	4.7	4/5/2019	9:53 PM	4.99
4/7/2019	9:53 PM	0	4/5/2019	8:53 PM	2.47
4/7/2019	8:53 PM	0	4/5/2019	7:53 PM	3.58
4/7/2019	7:53 PM	0	4/5/2019	6:53 PM	125.11
4/7/2019	6:53 PM	26.04	4/5/2019	5:53 PM	1.9
4/7/2019	5:53 PM	23.45	4/5/2019	4:53 PM	0
4/7/2019	4:53 PM	50.78	4/5/2019	3:53 PM	0
4/7/2019	3:53 PM	38.97	4/5/2019	2:53 PM	0
4/7/2019	2:53 PM	0	4/5/2019	1:53 PM	0
4/7/2019	1:53 PM	0	4/5/2019	12:53 PM	0
4/7/2019	12:53 PM	0	4/5/2019	11:53 AM	0
4/7/2019	11:53 AM	1.03	4/5/2019	10:53 AM	0
4/7/2019	10:53 AM	54.12	4/5/2019	9:53 AM	0
4/7/2019	9:53 AM	12.62	4/5/2019	8:53 AM	5.19
4/7/2019	8:53 AM	5.87	4/5/2019	7:53 AM	31.13
4/7/2019	7:53 AM	1.51	4/5/2019	6:53 AM	7.14
4/7/2019	6:53 AM	0	4/5/2019	5:53 AM	2.67
4/7/2019	5:53 AM	0	4/5/2019	4:53 AM	0
4/7/2019	4:53 AM	0	4/5/2019	3:53 AM	0
4/7/2019	3:53 AM	9.88	4/5/2019	2:53 AM	0
4/7/2019	2:53 AM	12.42	4/5/2019	1:53 AM	0
4/7/2019	1:53 AM	20.46	4/5/2019	12:53 AM	37.88
4/7/2019	12:53 AM	45.09	4/4/2019	11:53 PM	5.78
4/6/2019	11:53 PM	889.73	4/4/2019	10:53 PM	2.13
4/6/2019	10:53 PM	1448.4	4/4/2019	9:53 PM	82.97
4/6/2019	9:53 PM	1286.8	4/4/2019	8:53 PM	0.3
4/6/2019	8:53 PM	713.49	4/4/2019	7:53 PM	0
4/6/2019	7:53 PM	0	4/4/2019	6:53 PM	4.45
4/6/2019	6:53 PM	0	4/4/2019	5:53 PM	1.87
4/6/2019	5:53 PM	1.84	4/4/2019	4:53 PM	0
4/6/2019	4:53 PM	0.16	4/4/2019	3:53 PM	0
4/6/2019	3:53 PM	2.29	4/4/2019	2:53 PM	0
4/6/2019	2:53 PM	1.53	4/4/2019	1:53 PM	0
4/6/2019	1:53 PM	100.16	4/4/2019	12:53 PM	0
4/6/2019	12:53 PM	173.19	4/4/2019	11:53 AM	0
4/6/2019	11:53 AM	192.33	4/4/2019	10:53 AM	0
4/6/2019	10:53 AM	990.85	4/4/2019	9:53 AM	0
4/6/2019	9:53 AM	1441.26	4/4/2019	8:53 AM	9.52
4/6/2019	8:53 AM	1287.52	4/4/2019	7:53 AM	29.04
4/6/2019	7:53 AM	719.22	4/4/2019	6:53 AM	1.17
4/6/2019	6:53 AM	0	4/4/2019	5:53 AM	1.58
4/6/2019	5:53 AM	0	4/4/2019	4:53 AM	0
4/6/2019	4:53 AM	0	4/4/2019	3:53 AM	0
4/6/2019	3:53 AM	0	4/4/2019	2:53 AM	1.07
4/6/2019	2:53 AM	0	4/4/2019	1:53 AM	3.78
4/6/2019	1:53 AM	0	4/4/2019	12:53 AM	0.81
4/6/2019	12:53 AM	37.27	4/3/2019	11:53 PM	45.52
4/5/2019	11:53 PM	68.66	4/3/2019	10:53 PM	17.41
4/3/2019	9:53 PM	20.56	4/1/2019	8:53 PM	40.41

4/3/2019	8:53 PM	18.22	4/1/2019	7:53 PM	37.54
4/3/2019	7:53 PM	96.48	4/1/2019	6:53 PM	65.85
4/3/2019	6:53 PM	14.9	4/1/2019	5:53 PM	102.05
4/3/2019	5:53 PM	2.98	4/1/2019	4:53 PM	0
4/3/2019	4:53 PM	6.35	4/1/2019	3:53 PM	0
4/3/2019	3:53 PM	0	4/1/2019	2:53 PM	0
4/3/2019	2:53 PM	0	4/1/2019	1:53 PM	0
4/3/2019	1:53 PM	0	4/1/2019	12:53 PM	0
4/3/2019	12:53 PM	0	4/1/2019	11:53 AM	0
4/3/2019	11:53 AM	0	4/1/2019	10:53 AM	927.77
4/3/2019	10:53 AM	0	4/1/2019	9:53 AM	1417.75
4/3/2019	9:53 AM	0	4/1/2019	8:53 AM	1553.54
4/3/2019	8:53 AM	3.47	4/1/2019	7:53 AM	747.1
4/3/2019	7:53 AM	30.02	4/1/2019	6:53 AM	7.73
4/3/2019	6:53 AM	2.19	4/1/2019	5:53 AM	1.9
4/3/2019	5:53 AM	0	4/1/2019	4:53 AM	0
4/3/2019	4:53 AM	0	4/1/2019	3:53 AM	0
4/3/2019	3:53 AM	0	4/1/2019	2:53 AM	0
4/3/2019	2:53 AM	0	4/1/2019	1:53 AM	0
4/3/2019	1:53 AM	0	4/1/2019	12:53 AM	40.52
4/3/2019	12:53 AM	0	3/31/2019	11:53 PM	1.7
4/2/2019	11:53 PM	45.11	3/31/2019	10:53 PM	42.18
4/2/2019	10:53 PM	48.06	3/31/2019	9:53 PM	6.63
4/2/2019	9:53 PM	0	3/31/2019	8:53 PM	314.48
4/2/2019	8:53 PM	7.35	3/31/2019	7:53 PM	9.56
4/2/2019	7:53 PM	2.23	3/31/2019	6:53 PM	0
4/2/2019	6:53 PM	2.87	3/31/2019	5:53 PM	0
4/2/2019	5:53 PM	0.24	3/31/2019	4:53 PM	0
4/2/2019	4:53 PM	0	3/31/2019	3:53 PM	4.2
4/2/2019	3:53 PM	0	3/31/2019	2:53 PM	5.85
4/2/2019	2:53 PM	0	3/31/2019	1:53 PM	2.74
4/2/2019	1:53 PM	0	3/31/2019	12:53 PM	27.08
4/2/2019	12:53 PM	0	3/31/2019	11:53 AM	5.59
4/2/2019	11:53 AM	0	3/31/2019	10:53 AM	1.12
4/2/2019	10:53 AM	0	3/31/2019	9:53 AM	2.19
4/2/2019	9:53 AM	0	3/31/2019	8:53 AM	0
4/2/2019	8:53 AM	5.32	3/31/2019	7:53 AM	0
4/2/2019	7:53 AM	29.89	3/31/2019	6:53 AM	0
4/2/2019	6:53 AM	0	3/31/2019	5:53 AM	0
4/2/2019	5:53 AM	2.38	3/31/2019	4:53 AM	0
4/2/2019	4:53 AM	0	3/31/2019	3:53 AM	0
4/2/2019	3:53 AM	0	3/31/2019	2:53 AM	0
4/2/2019	2:53 AM	0	3/31/2019	1:53 AM	5.88
4/2/2019	1:53 AM	0	3/31/2019	12:53 AM	1.89
4/2/2019	12:53 AM	2.95	3/30/2019	11:53 PM	925.64
4/1/2019	11:53 PM	47.7	3/30/2019	10:53 PM	1413.04
4/1/2019	10:53 PM	8.69	3/30/2019	9:53 PM	1544.99
4/1/2019	9:53 PM	0.2	3/30/2019	8:53 PM	729.6
3/30/2019	7:53 PM	4.9	3/28/2019	6:53 PM	10.45

3/30/2019	6:53 PM	32.71	3/28/2019	5:53 PM	0.42
3/30/2019	5:53 PM	8.61	3/28/2019	4:53 PM	0.92
3/30/2019	4:53 PM	0	3/28/2019	3:53 PM	0
3/30/2019	3:53 PM	0	3/28/2019	2:53 PM	1.02
3/30/2019	2:53 PM	0	3/28/2019	1:53 PM	0
3/30/2019	1:53 PM	19.7	3/28/2019	12:53 PM	0.81
3/30/2019	12:53 PM	31.81	3/28/2019	11:53 AM	1.02
3/30/2019	11:53 AM	23.05	3/28/2019	10:53 AM	919.59
3/30/2019	10:53 AM	925.56	3/28/2019	9:53 AM	1415.18
3/30/2019	9:53 AM	1414.13	3/28/2019	8:53 AM	1546.04
3/30/2019	8:53 AM	1545.42	3/28/2019	7:53 AM	758.31
3/30/2019	7:53 AM	724.84	3/28/2019	6:53 AM	0
3/30/2019	6:53 AM	37.18	3/28/2019	5:53 AM	2.39
3/30/2019	5:53 AM	0	3/28/2019	4:53 AM	0
3/30/2019	4:53 AM	0	3/28/2019	3:53 AM	0.94
3/30/2019	3:53 AM	0	3/28/2019	2:53 AM	0
3/30/2019	2:53 AM	0.92	3/28/2019	1:53 AM	0
3/30/2019	1:53 AM	0	3/28/2019	12:53 AM	0
3/30/2019	12:53 AM	0	3/27/2019	11:53 PM	40.68
3/29/2019	11:53 PM	30.32	3/27/2019	10:53 PM	3.01
3/29/2019	10:53 PM	14.75	3/27/2019	9:53 PM	2.35
3/29/2019	9:53 PM	4.11	3/27/2019	8:53 PM	8.52
3/29/2019	8:53 PM	2.57	3/27/2019	7:53 PM	8.24
3/29/2019	7:53 PM	5.26	3/27/2019	6:53 PM	5.75
3/29/2019	6:53 PM	0	3/27/2019	5:53 PM	5.46
3/29/2019	5:53 PM	1.82	3/27/2019	4:53 PM	1.31
3/29/2019	4:53 PM	0	3/27/2019	3:53 PM	2.12
3/29/2019	3:53 PM	0	3/27/2019	2:53 PM	0.91
3/29/2019	2:53 PM	0	3/27/2019	1:53 PM	0
3/29/2019	1:53 PM	0.92	3/27/2019	12:53 PM	0
3/29/2019	12:53 PM	0	3/27/2019	11:53 AM	0.91
3/29/2019	11:53 AM	0	3/27/2019	10:53 AM	0
3/29/2019	10:53 AM	0.95	3/27/2019	9:53 AM	0.91
3/29/2019	9:53 AM	0	3/27/2019	8:53 AM	22.52
3/29/2019	8:53 AM	2.99	3/27/2019	7:53 AM	17.06
3/29/2019	7:53 AM	37.95	3/27/2019	6:53 AM	0.52
3/29/2019	6:53 AM	0	3/27/2019	5:53 AM	2.19
3/29/2019	5:53 AM	2.79	3/27/2019	4:53 AM	0
3/29/2019	4:53 AM	0.88	3/27/2019	3:53 AM	0.78
3/29/2019	3:53 AM	0	3/27/2019	2:53 AM	2.19
3/29/2019	2:53 AM	11.35	3/27/2019	1:53 AM	73.51
3/29/2019	1:53 AM	5.64	3/27/2019	12:53 AM	2.32
3/29/2019	12:53 AM	194.54	3/26/2019	11:53 PM	46.21
3/28/2019	11:53 PM	929.13	3/26/2019	10:53 PM	0.74
3/28/2019	10:53 PM	1414.64	3/26/2019	9:53 PM	34.98
3/28/2019	9:53 PM	1544.94	3/26/2019	8:53 PM	4.42
3/28/2019	8:53 PM	728.35	3/26/2019	7:53 PM	278.77
3/28/2019	7:53 PM	2.18	3/26/2019	6:53 PM	3.14
3/26/2019	5:53 PM	2.41			

3/26/2019	4:53 PM	0.92
3/26/2019	3:53 PM	0
3/26/2019	2:53 PM	0
3/26/2019	1:53 PM	0
3/26/2019	12:53 PM	0
3/26/2019	11:53 AM	0
3/26/2019	10:53 AM	0
3/26/2019	9:53 AM	0
3/26/2019	8:53 AM	3.61
3/26/2019	7:53 AM	30.58
3/26/2019	6:53 AM	0.26
3/26/2019	5:53 AM	3.37
3/26/2019	4:53 AM	0
3/26/2019	3:53 AM	0
3/26/2019	2:53 AM	0
3/26/2019	1:53 AM	0
3/26/2019	12:53 AM	1.71
3/25/2019	11:53 PM	923.12
3/25/2019	10:53 PM	1441.26
3/25/2019	9:53 PM	1544.46
3/25/2019	8:53 PM	779.55
3/25/2019	7:53 PM	37.07
3/25/2019	6:53 PM	17.32
3/25/2019	5:53 PM	3.02

Total Consumption

87,159.61

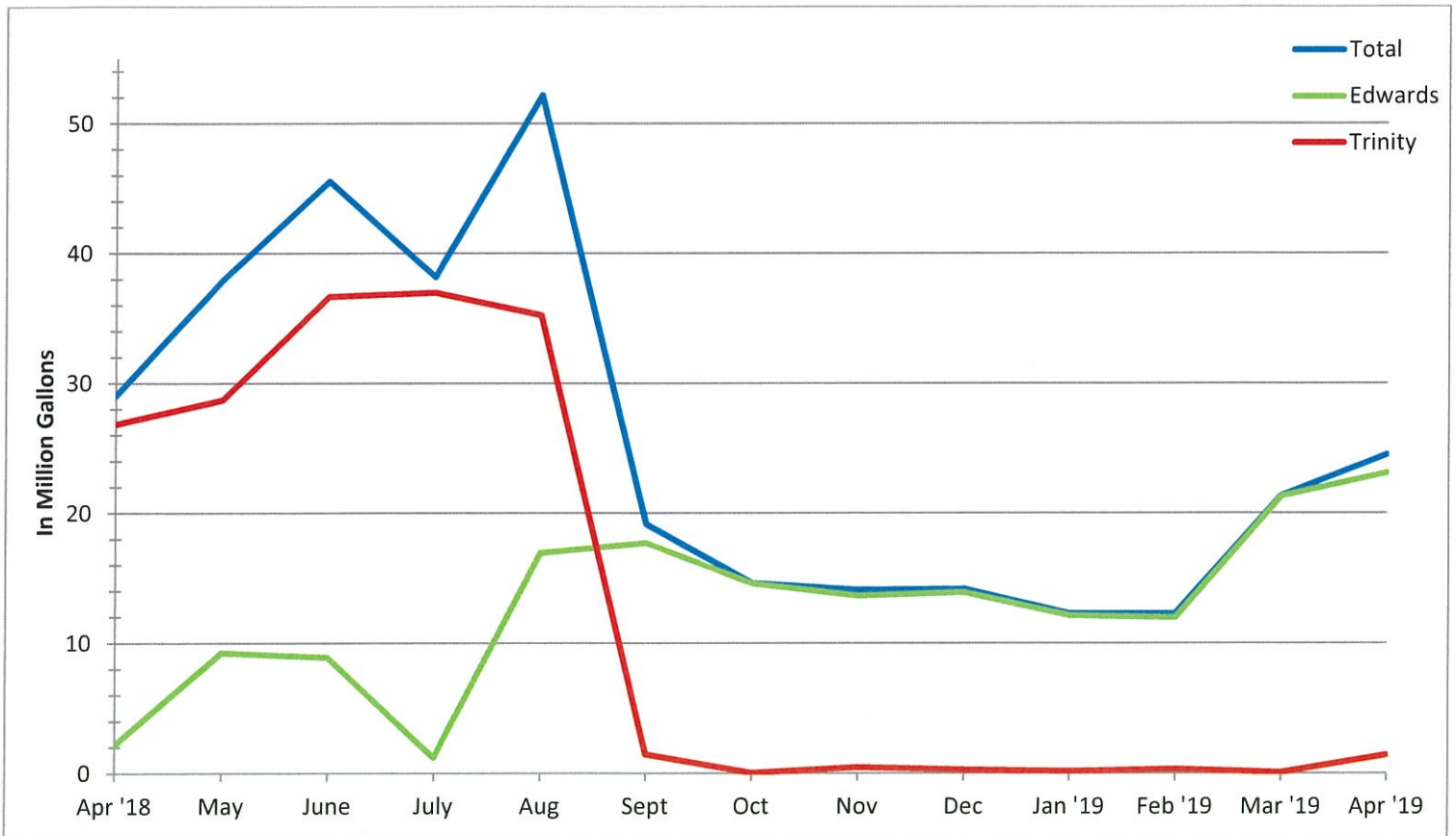
Earliest	3/25/2019 17:53
Latest	4/23/2019 23:53



Water Department Report

As of April 30, 2019

City of Garden Ridge Well Usage



	Month:	Year:	Available:	Stage:
Edwards Well Usage AC/FT:	70.91	210.25	502.04	0
Trinity Well Usage AC/FT:	1.46	3.09	N/A	- 0%

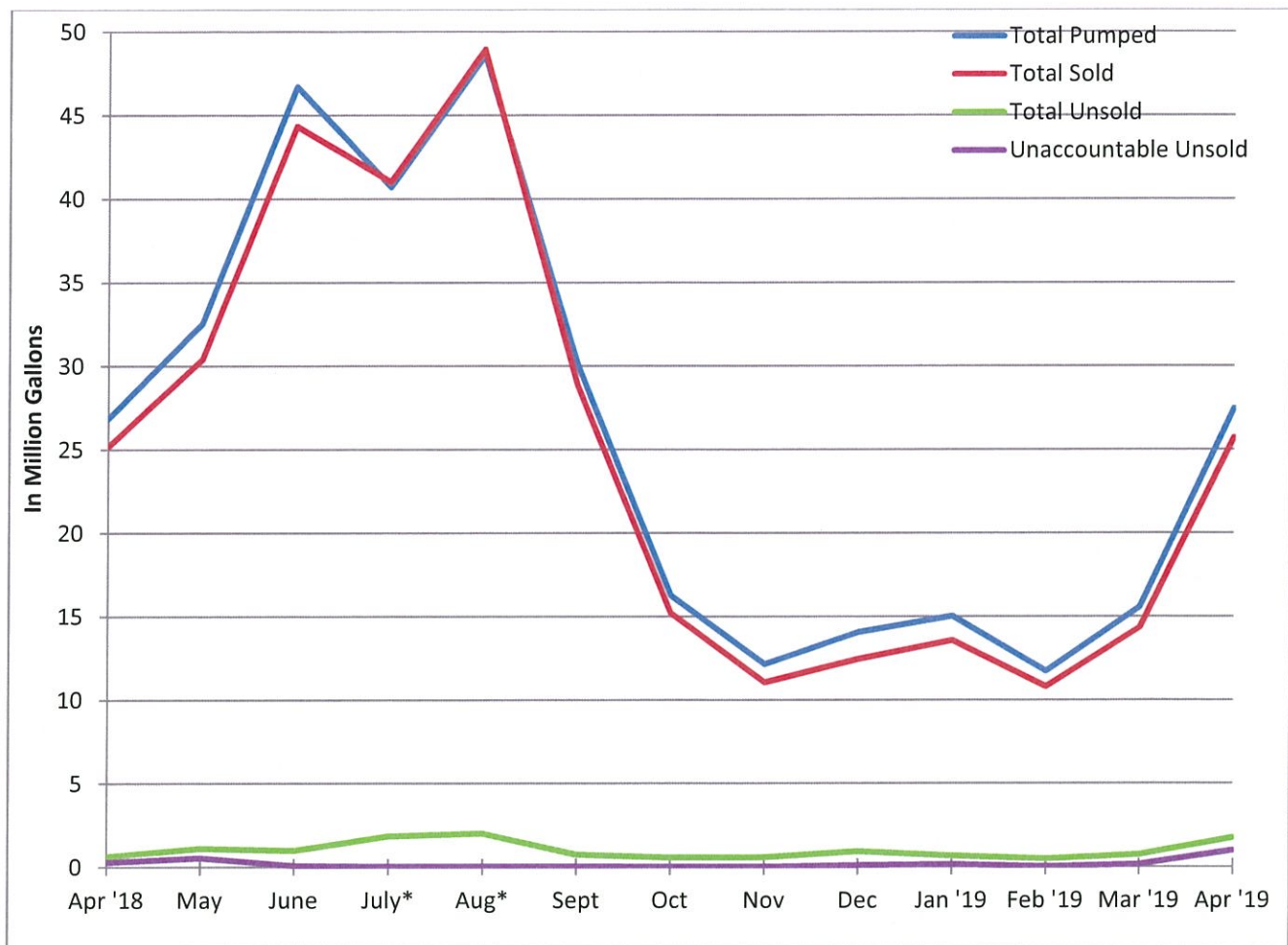
Water Quality

	Due:	Missed:	Passed:	Failed:
Bacteriological:	6	0	6	0
Raw:	4	0	4	0
Chlorine Residual Test:	30	0	30	0

Water Reports

	State:	Edwards:	Trinity:
Due:	1	0	1
Missed	0	0	0

2018 – 2019 Pumping Report



	Total Pumped (Thousands)	Total Sold (Thousands)	Total Unsold (Thousands)	Unaccountable Unsold (Thousands)	Unaccountable Unsold %
Apr '18	26,855	25,195	1,660	1597.0	5.9%
May	32,555	30,405	2,150	2026.0	6.2%
June	46,719	44,332	2,387	1939.0	4.2%
July*	40,697	41,002	1,842	0.0	0.0%
Aug*	48,604	48,945	2,009	0.0	0.0%
Sept	30,118	28,871	1,247	820.0	2.7%
Oct	16,256	15,198	1,058	749.0	4.6%
Nov	12,153	11,057	1,096	703.0	5.8%
Dec	14,073	12,447	1,626	998.0	7.1%
Jan '19	15,035	13,556	1,479	1228.0	8.2%
Feb '19	11,738	10,795	943	691.0	5.9%
Mar '19	15,572	14,324	976	937	6.0%
April '19	27,464	25,712	1,752	985	3.6%

* July and August inaccurate due to inaccuracy of new meters at 3009 wellsite at time.

Booster Pump and Well Motor Maintenance

Pump Maintenance due this Month:	0	Pump Maintenance due Next:	June 2019
Well Maintenance due this Month:	0	Well Maintenance due Next:	February 2020
Next Pump Most Likely to Fail:	Timber Rose Pump	How Long until Fail:	1

Water Department Monthly Activities:

New Meter Installs	2	Work Orders	52
Meter Replacements	2	Locates	16
City Owned Leaks	1	Irrigations Permits Issued	2
Meters Read April 2019	1,642	Total Rebates	4 (\$475)

Projects:

- Implementing Field Force Management for more efficient everyday operations.
- We are conducting a water audit on the system
- Reviewing the SCADA functionality and security

Comments:

Rebate Breakdown:

1 pool rebate

3 toilet rebates

City of Garden Ridge

Micro COMM SCADA System Evaluation

The City of Garden Ridge Texas is currently using a MicroComm SCADA system to operate their water supply system. This system is composed of four (4) sites w/ Remote Terminal Units (RTU) and two (2) operator work stations for operator interface. In addition, there is a Master Terminal Unit (MTU) located at the City's office complex to handle the data collection function between the RTUs and the Work Stations.

The system is manufactured by MicroCOMM and is a proprietary system. MicroComm provides all of the equipment in the RTUs/MTU as well as the HMI software.

There are several advantages and disadvantages in using a proprietary SCADA system. Some of the PROs and CONs are listed below:

PROS

Existing System (no new expenditures)

Requires single company relationship

One company supplies all support

Integrated System

PLC

Radio

HMI

Auto Dialer

Web Access

CONS

Older Technology

More proprietary

Not in common usage, reducing local support

Single company exposure

Must rely on single company for support (especially if not local)

Advantages to replacing the existing system:

1. Ability to take advantage of newer technologies
2. Not tied to a single supplier
3. Ability to diversify technical support
4. Improved ability to integrate other equipment and functions

Estimates	
Chlorine Analyzers	
Chlorine Analyzers	\$12,750.00
Installation	\$3,500.00
Total:	\$16,250.00

Dual Scale & Auto Switchover	
Chlorine scales	\$4,000.00
Automatic Switchover	\$10,500.00
Parts & Labor	\$1,950.00
Total:	\$16,450.00

Fire Extinguishers	
Fire extinguishers	\$254.36
Mounting Brackets	\$63.72
Total:	\$318.08

Future CIP

	Today	2020	2021	2022	2023	2024
Timber Rose Rebuild						
GST	\$312,000	\$321,360	\$331,001	\$340,931	\$351,159	\$361,694
Controls	\$12,000	\$12,360	\$12,731	\$13,113	\$13,506	\$13,911
Pumps & Motors	\$19,464	\$20,048	\$20,649	\$21,269	\$21,907	\$22,564
Valves & Pipe	\$12,257	\$12,624	\$13,003	\$13,393	\$13,795	\$14,209
Total:	\$355,721	\$366,392	\$377,384	\$388,706	\$400,367	\$412,378

3009						
GST	\$825,000	\$849,750	\$875,243	\$901,500	\$928,545	\$956,401

2252						
GST	\$250,000	\$257,500	\$265,225	\$273,182	\$281,377	\$289,819

All GST CIP Total:	\$1,430,721	\$1,473,642	\$1,517,852	\$1,563,387	\$1,610,289	\$1,658,597
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Water Leases

	Lease from	EAA Permit #	A/F Leased	Annual Cost per AC/FT Leased	Annual Cost of Lease	Annual Cost with EAA Fees	EAA Fees & Cost / AF Annually	Exp. of Lease	% of Total EAA water
Lease	Lloyd Loehman	P107-429	3	\$138.50	\$415.50	\$667.50	\$ 84.00	12/31/2020	0.42%
Lease	M. Friesenhahn	P100-745	65	\$135.00	\$8,775.00	\$14,235.00	\$ 84.00	12/31/2020	9.13%
Lease	Keith Zars Pools	P108-775	1	\$0.00	\$0.00	\$84.00	\$ 84.00	7/3/2019	0.14%
Lease	BVFD	P107-767	-0.3	\$0.00	\$0.00	\$24.20	\$ 84.00	12/31/2019	0.04%

Print

CITY OF GARDEN RIDGE VOLUNTEER APPLICATION - Submission #1197

Date Submitted: 4/4/2019



**CITY OF GARDEN RIDGE
VOLUNTEER APPLICATION**



Name:*

Joseph Haltaman

Address:*

9319 Blazing Star Trail, Garden Ridge, TX 78266

Home Phone:

Cell Phone:

Email:

Are you at least 18 years of age?*

☒ Yes

☐ No

If 'No', parent/guardian will need to contact City Hall to sign a 'Minor Work Release'.

Clerical

- ☐ Displays
- ☐ Envelope Stuffing
- ☐ Filing
- ☐ Phone Duty
- ☐ Proofreader
- ☐ Translator

Hands on Skills

- ☐ Carpentry
- ☐ Landscape/ Gardening
- ☐ Photography
- ☐ Videography

Computer/Software (High Proficiency)

- ☐ Microsoft Excel
- ☐ Microsoft PowerPoint
- ☐ Microsoft Word
- ☐ Social Media
- ☐ Website

Library

- ☐ Shelving, phone duty, check in/out, etc.

General

- ☐ Animal Services
- ☐ FM 2252 sign Updates

Speciality Skills

- ☐ Actor
- ☐ Certified sign language interpreter

City Commissions/Committees

- ☐ Parks Committee
- ☐ Planning & Zoning Commission
- ☐ Quarry Commission
- ☒ Water Commission
- ☐ Wildlife Management Advisory Commission

Future Activities

- ☐ Emergency Operations Center
- ☐ Check On Your Neighbor (COYN)

Special Events (e.g. 4th July)

- ☐ Event Planning
- ☐ Event Volunteer

If so, which event?

What special skills, education, training, or interests do you have that may be beneficial to the city?

Mechanical Engineer with design/construction experience on building water, sewer, HVAC systems.

Indicate any languages (other than English) you can speak or write.

Approximately, how many hours per week are you willing to do volunteer work?

12

What times of day and days of the week are you generally available? Check all that apply

Sunday

- ☐ Morning
- ☒ Afternoon
- ☐ Evening

Monday

- ☐ Morning
- ☐ Afternoon
- ☒ Evening

Tuesday

- ☐ Morning
- ☐ Afternoon
- ☒ Evening

Wednesday

- ☐ Morning
- ☐ Afternoon
- ☒ Evening

Thursday

- ☐ Morning
- ☐ Afternoon
- ☒ Evening

Friday

- ☐ Morning
- ☐ Afternoon
- ☒ Evening

Saturday

- ☐ Morning
- ☒ Afternoon
- ☐ Evening

Are you volunteering

- ☐ As an individual?
- ☐ As part of a group (school, company, etc.)?
- ☐ To meet a court ordered Community Service requirement?

If part of a group, what group?

Volunteer Acknowledgements

I certify that my statements in this application and other required forms, are true, complete, and correct to the best of my knowledge.

I understand that the city may do verification on any information provided by me as part of the volunteer process.

I understand that, in some cases, the City may need to do a personal background check prior to my starting any volunteer work. In such cases, I will provide the City the additional information necessary to complete that check.

I understand that if a medical emergency occurs while I am performing volunteer work, the City will seek emergency medical treatment on my behalf and will also notify the person I designate as my emergency contact.

I understand that, in response to the Texas Public Information Act, situations could arise where the city is required to release to the public information provided by me as part of the volunteer process.

By typing your name below, I confirm I have read and understand these acknowledgements.*

Joseph Haltaman

Date*

4/4/2019



Joseph D. Haltaman, P.E.

Mechanical Engineer
9319 Blazing Star Trail
Garden Ridge, TX 78266
3

Professional Licenses and affiliations

- Registered, Professional Mechanical Engineer (PE, Alaska AELM12393)
- Certified Building Commissioning Professional (CBCP), Association of Energy Engineers
- American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), member

Experience:

2009- Present, United States Army Corps of Engineers (USACE), Fort Worth District, South Texas Area Office

- Serves as Senior Mechanical Engineer, Technical Section, for the South Texas Area Office as subject matter expert on all Plumbing and Heating, Ventilation, and Air Conditioning (HVAC) for all USACE, Fort Worth District military construction projects.
- Served as Commissioning Authority on multiple projects, to include the new \$500 million dollar Ambulatory Surgical Center on Lackland Air Force base where I led a team of multi-disciplinary engineers and technicians as sole Commissioning team (not just overseeing 3rd party as for a typical government job).

1998-2009, United States Army Corps of Engineers, Alaska District

- Served as design engineer for multiple HVAC, Plumbing, Generator, and Fuel systems projects.
- Served as Project Manager (2007-2009) for the Ground Based Missile Defense, USACE program in Fort Greely, Alaska

1995-1998, Defense, Reutilization, and Marketing Service, Battle Creek, Michigan

- Responsible for all facility engineering functions relating to capital construction and maintenance and repair projects for over 30 Defense Reutilization and Marketing Service field activities located at military installations in the United States.
- Served as engineering authority in planning, programming, developing, and coordinating the minor construction, maintenance, and repair projects.

1986-1990, United States Air Force

- Crew Chief - Repaired, maintained, and serviced aircraft (KC-10A), worldwide.
- Performed trouble shooting tasks in electrical, mechanical, and structural systems.
- Received Expeditionary Medal (Operation Praying Mantis)
- Honorably Discharged

Education:

1990 – 1995 University of Tennessee, Knoxville

- Magna Cum Laude, Bachelor of Science, Mechanical Engineering
- Honor Societies – Tau Beta Pi & Pi Tau Sigma

City Administrator

From: City Administrator
Sent: Thursday, April 04, 2019 9:57 AM
To: 'Joseph Haltaman'
Subject: RE: Volunteer for water commission

Mr. Haltaman,

Thank you for your interest in serving the City of Garden Ridge on the Water Commission. In addition to your resume please complete and submit the Volunteer Interest Form located on the City's website. After receipt of the Volunteer Interest Form you will be scheduled for an interview with the Water Commission for consideration. You will be contacted concerning the date of the interview. Please feel free to contact me with any questions you may have. Thank you again for your interest in serving Garden Ridge.

Thanks,
Nancy Cain
City Administrator
City of Garden Ridge
administrator@ci.garden-ridge.tx.us
210-651-6632

From: Joseph Haltaman [mailto:jhaltaman@ci.garden-ridge.tx.us]
Sent: Thursday, April 04, 2019 9:49 AM
To: City Administrator
Subject: Volunteer for water commission

Hello Ms. Cain!

My name is Joe Haltaman, and my wife and I have been residents of Garden Ridge since 2009. I attended my first city council meeting last night and thoroughly enjoyed it!

There was talk about needing volunteers for the water commission. I am a mechanical engineer and have a fairly extensive background in water systems (both potable and sewer). I realize there is a lot more to it than the engineering side, but I would be happy to volunteer if I could be useful. I have attached my resume for your consideration.

Thanks!

Joe Haltaman
9319 Blazing Star Trail, San Antonio, TX 78266

City Administrator

From: Joseph Haltaman <
Sent: Thursday, April 04, 2019 9:49 AM
To: City Administrator
Subject: Volunteer for water commission
Attachments: Haltaman Resume April 2019.pdf

Hello Ms. Cain!

My name is Joe Haltaman, and my wife and I have been residents of Garden Ridge since 2009. I attended my first city council meeting last night and thoroughly enjoyed it!

There was talk about needing volunteers for the water commission. I am a mechanical engineer and have a fairly extensive background in water systems (both potable and sewer). I realize there is a lot more to it than the engineering side, but I would be happy to volunteer if I could be useful. I have attached my resume for your consideration.

Thanks!

Joe Haltaman
9319 Blazing Star Trail, San Antonio, TX 78266

Assistant City Secretary

From: noreply@civicplus.com
Sent: Friday, February 22, 2019 11:15 AM
To: City Secretary; City Administrator
Subject: Online Form Submittal: City Commission Volunteer Interest Form

City Commission Volunteer Interest Form

City Commission *Volunteer Interest Form*

Date 2/22/2019

First Name Kerim

Last Name Jacaman

Address 8297 Eskimo Forest

City Garden Ridge

State TX

Zip Code 78266

Phone Number

Other contact number

Email Address

Occupation Public Works Coordinator

Please check which of the following Commission you have a desire to serve on: Any City Commission

Tell us why you desire to serve on a City Commission. I have over 15 years of experience in County Government relating to transportation; flood control; aquifer; and development review; and project management on high profile/complex capital projects. As the City is experiencing growth I would like to be part of the process to implement and provide input on recommendations to City Council.

List any Boards, Commissions or Committees you have I have served on the San Antonio River Oversight Committee; San Pedro Creek Oversight Committee and Edwards Aquifer

previously served on in
Garden Ridge or other
entities.

Recovery Implementation Program as a Stakeholder with
Bexar County Public Works Department.

Please attach your resume
or a bio.

Field not completed.

A resume or a bio is required to be submitted with Volunteer Interest Form.

Email not displaying correctly? [View it in your browser.](#)

KERIM Y. JACAMAN

8297 Eskimo Forest

Garden Ridge, Texas 78266

Education

- Texas A&M International University, Laredo, TX, 1995-1997
Bachelor of Business Administration in Marketing
- University of the Incarnate Word, San Antonio, TX, 1992-1995
Undergraduate studies scholarship recipient of business requirements

Summary of Qualifications

- Experience in contract administration
- Experience in project management and development of capital projects
- Experience in public sector administration and budget preparation
- Experience in planning and regulatory enforcement
- Proven ability to work independently, handle simultaneous projects, and meet deadlines
- Excellent communication skills, both written and oral
- Effective organizational skills
- Adept at establishing trust and credibility with co-workers
- Able to maintain a high degree of confidentiality and professionalism in all assigned duties

Experience

Bexar County

Public Works Department

San Antonio, TX

Sept 2006 – present

Public Works Coordinator

- Provide support to the Director on administrative matters
- Manage and develop capital projects
- Prepare and negotiate contracts for capital projects
- Supervise support staff
- Provide support to all sections of the department and coordinate appropriate action
- Prepare and implement strategic work plans
- Prepare Commissioners Court Agendas Coordination Forms
- Prepare, review and evaluate request for proposals and qualifications
- Review plans and specifications and recommend design and construction issues
- Research and develop reports and correspondence for the Director on issues including storm water, drainage, and transportation issues
- Assist in the legislative agenda process, track proposed bills, analyze impact on County government operations and coordinate responses within the department
- Communicate directly with Commissioners Court and staff on information and resolution issues
- Represent on behalf of the Director and County at public meetings, community groups, Bexar Regional Watershed Management Program, San Antonio Pedro Creek Committee, and Edwards Aquifer Recovery Implementation Committee

Cont'd

Bexar County

Infrastructure Services Department

San Antonio, TX

Sept 2004 – Sept 2006

Flood Control Analyst

- Assist in the management, development and implementation of the County Flood Control Program
- Manage Capital Improvement Projects
- Prepare, negotiate and monitor contracts
- Implement floodplain management under NFIP
- Perform field inspections regarding flood plain violations and drainage concerns
- Analyze planning documents, committee reports and capital improvement projects regarding watershed patterns
- Developed a database on flood plain violations/permits and drainage complaints
- Develop analytical reports and promotional documents for the Bexar Regional Watershed Program
- Act as the Department's liaison between various departments and agencies in Bexar County
- Represent the County at public meetings, community groups, Bexar Regional Watershed Management Program, San Antonio River Oversight Committee and Watershed Improvement Advisory Committee

Webb County

Planning Department

Laredo, TX

Oct 2001 – Sept 2004

Planning Coordinator

- Assist the Director in all aspect of the oversight and management of the planning and administrative functions of the department
- Assist the Director with the implementation of the County's floodplain management program including compliance with state and federal program guidelines, the issuance of flood plain development permits, compliance with state and federal program guidelines
- Assist the Director with all aspects of regulatory enforcement functions under the Department including documentation efforts of illegal platting or subdivision violations, coordination with affected municipalities and utility service providers, coordination with the State Attorney's Office and other county departments
- Review and evaluate all proposed subdivision plats
- Act as the departments liaison between various offices involved in the plat review process
- Assist in the evaluation of all requests for all new utility service connection

Frost & Sullivan

San Antonio, TX

Oct 2000 – Sept 2001

Account Manager – Sales

- Provide market research services to corporate level individuals of Fortune 500 companies in markets such as food and beverage
- Manage accounts
- Develop and implement new sale and calling techniques

KVDA, Telemundo

San Antonio, TX

Mar 2000 – Oct 2000

Account Executive – Sales

- Manage and sold local television advertising to local businesses
- Reorganized sales strategy approach for new business development

Cont'd

BBA Compass Bank

Laredo, TX

July 1998 – Jan 2000

Financial Service Officer

- Manage and advised investment portfolios on financial allocation
- Responsible for attracting new clientele in the International Accounts Department

Dillard's Department Stores

Laredo, TX

July 1997 – July 1998

Area Sales Manager

- Managed the men's department
- Hired, trained and supervised 30 employees
- Incorporated latest product and merchandising trends

Certifications/Accomplishments

- Certified Floodplain Manager – CFM #0697-05N, 2005
- Managed the design and construction of \$270M San Antonio River Improvements Mission & Museum Reach
- Managed the design and construction of the new Public Works Department building
- Assisted in the implementation and administration of \$500M Bexar County Flood Control Program
- Participated as a Stakeholder Committee Member and received approval of the Habitat Conservation Plan for the Edwards Aquifer Implementation Program
- Federal Emergency Management Training 2004 - 2005
- Floodplain Management Workshops 2002 - 2017

Special Interest

- Member, Texas Floodplain Management Association
- Member, American Public Works Association – Texas Chapter
- Former Professional Triathlete, United States of America Triathlon
- Former Cat 1 Expert/Pro – Cross Country, United States of America Cycling
- Former Cat 3 Road, United States of America Cycling

References

- Available upon request

June 25, 2019

Regular Meeting

Agenda deadlines:

- | | | |
|--------------------------------|------------|---|
| 14 days before Meetings | (06/11/19) | Water Commission and Staff items are due |
| 11 days before Meetings | (06/14/19) | Water Commission Chair review agenda. <ul style="list-style-type: none"> • City Attorney is sent the agenda to approval |
| 7 days before Meetings | (06/18/19) | Post Agenda on bulletin board <ul style="list-style-type: none"> • Water Commission will receive packet (allowing a day and half for corrections and additional information to be added) |
| 5 days before Meetings | (06/20/19) | Post Agenda Packet to City Website @ noon |
| 4 days before Meetings | (06/21/19) | (72 hours) – Local Government Code requirement for posting |

City Council = Red
 Quarry Commission = Purple
 Planning & Zoning = Green
 Water Commission = Blue
 Impact Fee Committee = Pink
 Wildlife Management Advisory Commission = Brown
 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						

Approvals

1. Minutes 05-28-19

Recommendations

Discussion/Reports

1. Water Manager Report
2. Commission Activities and Projects
3. City Council Update
4. Ordinance No. 210-022018
5. Future Agenda Items
 - a. Set next meeting (if necessary) July 23, 2019 @ 6

Training Session

Executive Session

July 23, 2019

Regular Meeting

Agenda deadlines:

- 14** days before Meetings (06/09/19) Water Commission and Staff items are due
- 11** days before Meetings (06/12/19) Water Commission Chair review agenda.
 - City Attorney is sent the agenda to approval
- 7** days before Meetings (06/16/19) Post Agenda on bulletin board
 - Water Commission will receive packet (allowing a day and half for corrections and additional information to be added)
- 5** days before Meetings (06/18/19) Post Agenda Packet to City Website @ noon
- 4** days before Meetings (06/19/19) (72 hours) – Local Government Code requirement for posting

City Council = Red
 Quarry Commission = Purple
 Planning & Zoning = Green
 Water Commission = Blue
 Impact Fee Committee = Pink
 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			

Approvals

2. Minutes 06-25-19

Recommendations

Discussion/Reports

6. Water Manager Report
7. Commission Activities and Projects
8. City Council Update
9. Ordinance No. 210-022018
10. Future Agenda Items
 - b. Set next meeting (if necessary) August 27, 2019 @ 6

Training Session

Executive Session

PENDING FUTURE AGENDA ITEMS
UPCOMING EDUCATION/TRAINING SESSIONS

Water Commission Rolling Attendance at Water Commission Meetings

	3/27/18	05/22/18	7/24/18	9/25/18	10/23/18	11/15/18	11/27/18	12/18/18	01/22/19	03/26/19	04/23/19	05/28/19	06/25/19
	Regular Meeting	Regular Meeting	Regular Meeting	Regular Meeting	Regular Meeting	Special Meeting	Regular Meeting	Regular Meeting	Regular Meeting	Regular Meeting	Regular Meeting	Regular Meeting	Regular Meeting
Heier	P	P	A	P	P	P	P	P	P	P	P		
Bullard	P	A	P	P	P	P	P	P	P	P	P		
Valdez					P	P	P	P	P	P	P		
Vacant									P	P			
Holloway	P	P	P	P	P	P	P	P	A	A	P		
Harsbarger	P	P	P	P	P	P	P	P	P	A	P		

P	Present
P-QNM	Present but quorum not meet
E	Excused for reasons allowed in Ord. 210
A	Voluntary Announced Absence
U	Unannounced Absence
	Not member yet

2019 Water Commission's Attendance at City Council Regular Meetings

	01/02/19 Regular Meeting	02/06/19 Regular Meeting	03/06/19 Regular Meeting	04/03/19 Regular Meeting	05/01/19 Regular Meeting	06/05/19 Regular Meeting	07/03/19 Regular Meeting	08/07/19 Regular Meeting	09/04/19 Regular Meeting	10/02/19 Regular Meeting	11/06/19 Regular Meeting	12/04/19 Regular Meeting	Total for year
Heier	P	P		P	P								4
Bullard				P									1
Valdez	P	P	P	P	P								5
Vacant													0
Holloway		P											1
Harshbarger													0

	Met requirement
	Not met requirement