



**AGENDA**  
**CITY WATER COMMISSION**  
**REGULAR MEETING**  
**TUESDAY, JUNE 25, 2019, 6:00 P.M.**

The City Water Commission will meet in a regular session on Tuesday, June 25, 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 June 22, 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 May 25, 2019, Water Commission Regular Meeting.
- b) Recommendations
  - i. Request for water bill adjustment/credit for 9742 Trophy Oaks Dr. for billing period of March 21, 2019 – April 22, 2019.
    - 1. Review and make a recommendation to City Council regarding the request.
  - ii. Request for water bill adjustment/credit for 21375 Gunther Grove for billing period of April 22, 2019 – May 23, 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. Discussion on Water Leases.
    - 1. Discuss and make possible recommendation to City Council on renewal of Water Leases.
  - iii. Education/Training Sessions.
    - 1. Discuss and provide directions on future education or training sessions.
  - iv. Items discussed at the June 5, 2019, City Council Regular Meeting.
  - v. Discussion on Comal Trinity Groundwater Conservation District.
  - vi. 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.
  - vii. 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 make recommendations related to application of Ordinance provisions to Commission members, if needed.
  - viii. Future Agenda Items.
    - 1. Commissioner's input on agenda items.
    - 2. Announce date, time, and location for next regular meeting (Tuesday, July 23, 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.

This is to certify that I, Kat Balbi, posted this Agenda at 2:00 p.m. on June 19, 2019, on the bulletin board located at the entrance to the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas.

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Kat Balbi  
Assistant City Secretary



**MINUTES**  
**CITY WATER COMMISSION REGULAR MEETING**  
**TUESDAY, MAY 28, 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  
Jacob Parsons, 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 6:01 p.m. on Tuesday, May 28, 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. Citizen Comment Period – limited to 30 minutes total**

No one signed up to speak.

**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.**

**Motion:** A motion was made by Vice-Chair Holloway, seconded by Commissioner Valdez, to approve the Minutes of the April 23, 2019, Water Commission Regular Meeting. The Water Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

**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.**

Michael Gould, 9546 Teakwood Dr, stated he noticed an increase in his bill and explained his meter change out completed by the Water Department. He stated he should have been notified about his meter change out by the City because he would have changed his water usage.

Jacob Parsons, Water Manager, stated that the change out was before his time in office. The Water Department knocked on the resident's door to notify him of the meter being changed, but received no reply. The Water Department could not verify if they left a notice or door hanger at 9546 Teakwood Dr. The Water Department will be making it common practice to leave a notice or door hanger on the resident's door.

The Commissioners discussed the letter, water bill, and usage provided by the Water Department and discussed Mr. Gould's concerns with the City.

**Motion:** A motion was made by Commissioner Harshbarger, seconded by Vice-Chair Holloway, to have the residents go before the City Council. The Water Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

**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).**

Jacob Parsons, Water Manager, reviewed the Water Department Monthly Activity Report.

**ii. Discuss SCADA security concerns.**

Jacob Parsons, Water Manager, stated he does not have a final report for the Water Commission. He discussed the benefits of updating the SCADA system. He spoke regarding collecting pricing for security upgrades on the SCADA data interface.

**iii. Discussion on water infrastructure.**

Jacob Parsons, Water Manager, updated the Commission on future water infrastructure needs. He stated fire extinguishers are installed at each well site.

**iv. Discussion on Trinity Aquifer.**

The Commissioners discussed an article about the Trinity Aquifer provided by Councilmember McCaw and how it could potentially affect future water usage.

**v. Discussion on Water Leases.**

**1. Discuss and make possible recommendation to City Council on renewal of Water Leases.**

The Commissioners discussed the benefits and disadvantages of renewing each lease.

Jacob Parsons, Water Manager, stated subleasing is allowed per the contract and the City can break the contract with no penalty.

**vi. Water Rate Study.**

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

Jacob Parsons, Water Manager, stated he reviewed the rate study and suggests an increase to the water rates needs to be completed soon. He stated the Water Master Plan should be redone and then the study can be reviewed again.

Nancy Cain, City Administrator, stated that the Water Commission can recommend the original rate found by Water Markets, LLC and discuss future rate adjustments once a new master plan is complete. She stated the new rate would take effect in August if approved by the City Council.

**Motion:** A motion was made by Commissioner Harshbarger, seconded by Commissioner Valdez, to recommend the water rate increase prepared by Water Markets, LLC and the implement the rates recommended for 2020. The Water Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

**vii. Education/Training Sessions.**

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

Jacob Parsons, Water Manager, stated there is a public drinking water conference in Austin, from August 8 -9.

**viii. Items discussed at the May 1, 2019, City Council Regular Meeting.**

Chair Heier stated the City Council formally accepted the resignation of Commissioner Pitzen.

**ix. Water Commission activities and projects.**

**1. Update on Commissioner's activities and projects.**

Commissioner Valdez stated he met with Jacob Parsons, Water Manager, and Daniel Mummert, City Engineer, to review the City's infrastructure.

Commissioner Bullard stated the Educational booklet should be completed next month.

Vice-Chair Holloway stated he reviewed the per capita demand on irrigation users and will have a report to submit to the Water Commission.

Chair Heier stated as each Commissioner is ready, they can present their project to the City Council.

**2. 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.

**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 Pace 4 vacancy (term expiring September 30, 2020).**

Chair Heier stated the candidates would come up to the podium one at a time to allow each applicant to address questions from the Commissioners.

The Commission interviewed and reviewed the resumes of each candidate. The Commission then asked additional questions and allowed each candidate to provide their responses.

Chair Heier thanked the Commissioners for their inquisitive questions and the candidates for their time. He stated this would be a difficult decision since there is only one vacancy, but encouraged the candidates to continue seeking opportunities to get involved in the City.

**2. Make a recommendation to City Council for appointment of Commissioner.**

**Motion:** A motion was made by Vice-Chair Holloway, seconded by Commissioner Harshbarger, to recommend to City Council the appointment of Joseph Haltaman to the Water Commission Place 4 vacancy with term expiring September 30, 2020. The Water Commission voted by roll call:

Vice-Chair Richard Holloway – aye  
Commissioner Andre Bullard – nay  
Commissioner Jesse Valdez – nay  
Commissioner Keven Harshbarger – aye  
Chair David Heier - aye

The motion passed by a majority vote of 3-2.

**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.

**xi. Future Agenda Items.**

**1. Commissioner's input on agenda items.**

Chair Heier stated the official future vacancies of Place 2 and 5 on the Water Commission should be posted on the City's website to begin the recruiting process.

**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).**

Chair Heier announced the next Water Commission Regular Meeting will be held on Tuesday, June 25, 2019, at 6:00 p.m. at City Hall – City Council Chambers.

**6. Citizen Comment Period – limited to 20 minutes total**

No one wished to speak.

**7. Adjournment**

**Motion:** A motion was made by Vice-Chair Holloway, seconded by Commissioner Bullard, to adjourn. The Commission voted four (4) for and none (0) opposed. The motion carried unanimously. There being no further business, the Tuesday, May 28, 2019, Water Commission Regular Meeting was adjourned at 8:11 p.m. by Chair Heier.

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David Heier  
Chair

ATTEST:

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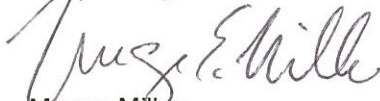
Kat Balbi  
Assistant City Secretary

Dear Garden Ridge Water Commission:

Please include on your agenda to discuss an adjustment, due to leak on 9742 Trophy Oaks Drive Garden Ridge, TX 78266.

Our water bill of \$474.02 for April was extremely high and I am asking for an adjustment. I have included an invoice from Dickinson Sprinkler of \$147.85 for the repair. If you have any questions, please contact me. I appreciate your time in this matter.

Respectfully,



Megan Miller



# 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 R016

RONALD A MILLER JR  
9742 TROPHY OAKS DR  
GARDEN RIDGE TX 78266-2814

\*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                                      |             |
| 1592000                                                                                                                                                                                                                              | 1659000          | 67000        | RI WATER<br>TR1 GARBAGE<br>EAA EAA FEE<br>080 CTG FEE<br>HHW HAZ WASTE<br>TAX | 443.44<br>24.56<br>3.03<br>0.60<br>0.36<br>2.03 |             |
| 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. |                  |              |                                                                               |                                                 |             |
| SERVICE ADDRESS ► 9742 TROPHY OAKS DRIVE                                                                                                                                                                                             |                  |              | AMOUNT DUE ►                                                                  | AFTER DUE DATE                                  | BY DUE DATE |
|                                                                                                                                                                                                                                      |                  |              |                                                                               | **DRAFT**                                       | \$474.02    |

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 R016

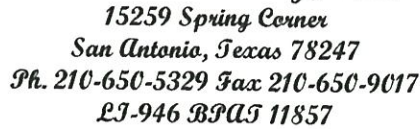
RONALD A MILLER JR  
9742 TROPHY OAKS DR  
GARDEN RIDGE TX 78266-2814

SERVICE  
ADDRESS ►

9742 TROPHY OAKS DRIVE

AMOUNT  
DUE ►

| DUE DATE       | ACCOUNT NUMBER |
|----------------|----------------|
| 05/15/19       |                |
| AFTER DUE DATE | BY DUE DATE    |
| **DRAFT**      | \$474.02       |



MAGGIE MILLER  
9742 THORITY OAKS  
CARROLLTON, TX 78226

"PLEASE PAY BY INVOICE - NO STATEMENT WILL BE SENT."

### 9357 Teakwood Lane

| <u>Date</u> | <u>Time</u> | <u>Consumption</u> | <u>Date</u> | <u>Time</u> | <u>Consumption</u> |
|-------------|-------------|--------------------|-------------|-------------|--------------------|
| 6/12/2019   | 1:32 PM     | 6.48               | 6/12/2019   | 2:32 AM     | -0.01              |
| 6/12/2019   | 1:17 PM     | 14.98              | 6/12/2019   | 2:17 AM     | 0                  |
| 6/12/2019   | 1:02 PM     | 11.36              | 6/12/2019   | 2:02 AM     | 0                  |
| 6/12/2019   | 12:47 PM    | -0.03              | 6/12/2019   | 1:47 AM     | 0                  |
| 6/12/2019   | 12:32 PM    | -0.01              | 6/12/2019   | 1:32 AM     | 0                  |
| 6/12/2019   | 12:17 PM    | 0                  | 6/12/2019   | 1:17 AM     | 0                  |
| 6/12/2019   | 12:02 PM    | 0.22               | 6/12/2019   | 1:02 AM     | 0.01               |
| 6/12/2019   | 11:47 AM    | 157.4              | 6/12/2019   | 12:47 AM    | 0                  |
| 6/12/2019   | 11:32 AM    | -0.02              | 6/12/2019   | 12:32 AM    | 0                  |
| 6/12/2019   | 11:17 AM    | 6.32               | 6/12/2019   | 12:17 AM    | 0                  |
| 6/12/2019   | 11:02 AM    | 156.39             | 6/12/2019   | 12:02 AM    | 6.55               |
| 6/12/2019   | 10:47 AM    | 185.51             | 6/11/2019   | 11:47 PM    | 0                  |
| 6/12/2019   | 10:32 AM    | 193.49             | 6/11/2019   | 11:32 PM    | 0                  |
| 6/12/2019   | 10:17 AM    | 161.7              | 6/11/2019   | 11:17 PM    | 3.54               |
| 6/12/2019   | 10:02 AM    | 67.11              | 6/11/2019   | 11:02 PM    | 0.3                |
| 6/12/2019   | 9:47 AM     | 0                  | 6/11/2019   | 10:47 PM    | 2.15               |
| 6/12/2019   | 9:32 AM     | 0.01               | 6/11/2019   | 10:32 PM    | 0.69               |
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| 6/12/2019   | 8:47 AM     | 0                  | 6/11/2019   | 9:47 PM     | 0.01               |
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| 6/12/2019   | 7:02 AM     | 0                  | 6/11/2019   | 8:02 PM     | 0                  |
| 6/12/2019   | 6:47 AM     | 0                  | 6/11/2019   | 7:47 PM     | 0                  |
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|           |          |        |           |          |        |
|-----------|----------|--------|-----------|----------|--------|
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| 6/11/2019 | 2:47 PM  | 95.5   | 6/11/2019 | 2:32 AM  | 0      |
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| 6/11/2019 | 12:47 PM | 64.18  | 6/11/2019 | 12:32 AM | 0.01   |
| 6/11/2019 | 12:32 PM | 0.58   | 6/11/2019 | 12:17 AM | 13.92  |
| 6/11/2019 | 12:17 PM | 0      | 6/11/2019 | 12:02 AM | 0      |
| 6/11/2019 | 12:02 PM | 0      | 6/10/2019 | 11:47 PM | 0      |
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| 6/11/2019 | 10:47 AM | 2.08   | 6/10/2019 | 10:32 PM | 0.84   |
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| 6/11/2019 | 9:47 AM  | 0.14   | 6/10/2019 | 9:32 PM  | 0.66   |
| 6/11/2019 | 9:32 AM  | 6.71   | 6/10/2019 | 9:17 PM  | 3.3    |
| 6/11/2019 | 9:17 AM  | 2.46   | 6/10/2019 | 9:02 PM  | 97.61  |
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| 6/11/2019 | 8:47 AM  | 0      | 6/10/2019 | 8:32 PM  | 235.21 |
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| 6/11/2019 | 8:17 AM  | 0      | 6/10/2019 | 8:02 PM  | 0      |
| 6/11/2019 | 8:02 AM  | 4.15   | 6/10/2019 | 7:47 PM  | 0      |
| 6/11/2019 | 7:47 AM  | 27.72  | 6/10/2019 | 7:32 PM  | 0      |
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| 6/11/2019 | 7:17 AM  | 0      | 6/10/2019 | 7:02 PM  | 6.32   |
| 6/11/2019 | 7:02 AM  | 0      | 6/10/2019 | 6:47 PM  | 0      |
| 6/11/2019 | 6:47 AM  | 6.98   | 6/10/2019 | 6:32 PM  | 4.48   |
| 6/11/2019 | 6:32 AM  | 0      | 6/10/2019 | 6:17 PM  | 20.98  |
| 6/11/2019 | 6:17 AM  | 0      | 6/10/2019 | 6:02 PM  | 5.33   |
| 6/11/2019 | 6:02 AM  | 0      | 6/10/2019 | 5:47 PM  | 0      |
| 6/11/2019 | 5:47 AM  | 6.55   | 6/10/2019 | 5:32 PM  | 0.9    |
| 6/11/2019 | 5:32 AM  | 0      | 6/10/2019 | 5:17 PM  | 0.24   |
| 6/11/2019 | 5:17 AM  | 0      | 6/10/2019 | 5:02 PM  | 4.32   |
| 6/11/2019 | 5:02 AM  | 0.46   | 6/10/2019 | 4:47 PM  | 55.95  |
| 6/11/2019 | 4:47 AM  | 0      | 6/10/2019 | 4:32 PM  | 154.67 |
| 6/11/2019 | 4:32 AM  | 0      | 6/10/2019 | 4:17 PM  | 0      |
| 6/11/2019 | 4:17 AM  | 0      | 6/10/2019 | 4:02 PM  | 10.53  |
| 6/11/2019 | 4:02 AM  | 0      | 6/10/2019 | 3:47 PM  | 42.83  |
| 6/11/2019 | 3:47 AM  | 5.02   | 6/10/2019 | 3:32 PM  | 15.14  |
| 6/11/2019 | 3:32 AM  | 2.43   | 6/10/2019 | 3:17 PM  | 0.01   |

|           |          |        |           |          |        |
|-----------|----------|--------|-----------|----------|--------|
| 6/10/2019 | 3:02 PM  | 153.53 | 6/10/2019 | 2:47 AM  | 0      |
| 6/10/2019 | 2:47 PM  | 0.35   | 6/10/2019 | 2:32 AM  | 0      |
| 6/10/2019 | 2:32 PM  | 95.83  | 6/10/2019 | 2:17 AM  | 14.35  |
| 6/10/2019 | 2:17 PM  | 32.18  | 6/10/2019 | 2:02 AM  | 0      |
| 6/10/2019 | 2:02 PM  | 43.3   | 6/10/2019 | 1:47 AM  | 0      |
| 6/10/2019 | 1:47 PM  | 240.26 | 6/10/2019 | 1:32 AM  | 0      |
| 6/10/2019 | 1:32 PM  | 43.15  | 6/10/2019 | 1:17 AM  | 0.01   |
| 6/10/2019 | 1:17 PM  | 0      | 6/10/2019 | 1:02 AM  | 0      |
| 6/10/2019 | 1:02 PM  | -0.03  | 6/10/2019 | 12:47 AM | 0      |
| 6/10/2019 | 12:47 PM | 18.11  | 6/10/2019 | 12:32 AM | 0      |
| 6/10/2019 | 12:32 PM | 8.15   | 6/10/2019 | 12:17 AM | 2.26   |
| 6/10/2019 | 12:17 PM | 15.79  | 6/10/2019 | 12:02 AM | 4.93   |
| 6/10/2019 | 12:02 PM | 28.63  | 6/9/2019  | 11:47 PM | 0      |
| 6/10/2019 | 11:47 AM | -0.01  | 6/9/2019  | 11:32 PM | 0      |
| 6/10/2019 | 11:32 AM | 0      | 6/9/2019  | 11:17 PM | 0      |
| 6/10/2019 | 11:17 AM | 0      | 6/9/2019  | 11:02 PM | 3.13   |
| 6/10/2019 | 11:02 AM | 9.05   | 6/9/2019  | 10:47 PM | 0.16   |
| 6/10/2019 | 10:47 AM | 50.23  | 6/9/2019  | 10:32 PM | 3.93   |
| 6/10/2019 | 10:32 AM | 15.31  | 6/9/2019  | 10:17 PM | 0      |
| 6/10/2019 | 10:17 AM | 0      | 6/9/2019  | 10:02 PM | 0.02   |
| 6/10/2019 | 10:02 AM | 0      | 6/9/2019  | 9:47 PM  | 0      |
| 6/10/2019 | 9:47 AM  | 0.01   | 6/9/2019  | 9:32 PM  | 0      |
| 6/10/2019 | 9:32 AM  | 6.68   | 6/9/2019  | 9:17 PM  | -0.01  |
| 6/10/2019 | 9:17 AM  | 7.57   | 6/9/2019  | 9:02 PM  | 0      |
| 6/10/2019 | 9:02 AM  | 0      | 6/9/2019  | 8:47 PM  | 2.86   |
| 6/10/2019 | 8:47 AM  | 0      | 6/9/2019  | 8:32 PM  | 0      |
| 6/10/2019 | 8:32 AM  | 0      | 6/9/2019  | 8:17 PM  | 0      |
| 6/10/2019 | 8:17 AM  | 0      | 6/9/2019  | 8:02 PM  | 0.47   |
| 6/10/2019 | 8:02 AM  | -0.01  | 6/9/2019  | 7:47 PM  | 20.97  |
| 6/10/2019 | 7:47 AM  | -0.03  | 6/9/2019  | 7:32 PM  | 7.07   |
| 6/10/2019 | 7:32 AM  | 0      | 6/9/2019  | 7:17 PM  | 0.28   |
| 6/10/2019 | 7:17 AM  | 0      | 6/9/2019  | 7:02 PM  | 0      |
| 6/10/2019 | 7:02 AM  | 0      | 6/9/2019  | 6:47 PM  | 0.47   |
| 6/10/2019 | 6:47 AM  | 0      | 6/9/2019  | 6:32 PM  | -0.02  |
| 6/10/2019 | 6:32 AM  | 0      | 6/9/2019  | 6:17 PM  | 4.07   |
| 6/10/2019 | 6:17 AM  | 7.11   | 6/9/2019  | 6:02 PM  | 1.05   |
| 6/10/2019 | 6:02 AM  | 0      | 6/9/2019  | 5:47 PM  | 3.6    |
| 6/10/2019 | 5:47 AM  | 0      | 6/9/2019  | 5:32 PM  | 0      |
| 6/10/2019 | 5:32 AM  | 0      | 6/9/2019  | 5:17 PM  | 45.67  |
| 6/10/2019 | 5:17 AM  | 0      | 6/9/2019  | 5:02 PM  | 186.88 |
| 6/10/2019 | 5:02 AM  | 0.01   | 6/9/2019  | 4:47 PM  | 0      |
| 6/10/2019 | 4:47 AM  | 0      | 6/9/2019  | 4:32 PM  | 90.63  |
| 6/10/2019 | 4:32 AM  | 0      | 6/9/2019  | 4:17 PM  | 239.66 |
| 6/10/2019 | 4:17 AM  | 0      | 6/9/2019  | 4:02 PM  | 64.32  |
| 6/10/2019 | 4:02 AM  | 0      | 6/9/2019  | 3:47 PM  | 0.28   |
| 6/10/2019 | 3:47 AM  | -0.01  | 6/9/2019  | 3:32 PM  | 95.56  |
| 6/10/2019 | 3:32 AM  | 0      | 6/9/2019  | 3:17 PM  | 0      |
| 6/10/2019 | 3:17 AM  | 0      | 6/9/2019  | 3:02 PM  | 209.29 |
| 6/10/2019 | 3:02 AM  | 0      | 6/9/2019  | 2:47 PM  | 82.23  |

|          |          |        |          |          |        |
|----------|----------|--------|----------|----------|--------|
| 6/9/2019 | 2:32 PM  | 0.36   | 6/9/2019 | 2:17 AM  | 0      |
| 6/9/2019 | 2:17 PM  | 4.3    | 6/9/2019 | 2:02 AM  | 0      |
| 6/9/2019 | 2:02 PM  | 16.98  | 6/9/2019 | 1:47 AM  | 6.7    |
| 6/9/2019 | 1:47 PM  | 300.51 | 6/9/2019 | 1:32 AM  | 0      |
| 6/9/2019 | 1:32 PM  | 189.31 | 6/9/2019 | 1:17 AM  | 0      |
| 6/9/2019 | 1:17 PM  | 38.53  | 6/9/2019 | 1:02 AM  | 0      |
| 6/9/2019 | 1:02 PM  | 8      | 6/9/2019 | 12:47 AM | 0      |
| 6/9/2019 | 12:47 PM | 164.72 | 6/9/2019 | 12:32 AM | 0      |
| 6/9/2019 | 12:32 PM | 11.48  | 6/9/2019 | 12:17 AM | 0      |
| 6/9/2019 | 12:17 PM | 144.01 | 6/9/2019 | 12:02 AM | 5.09   |
| 6/9/2019 | 12:02 PM | 2.62   | 6/8/2019 | 11:47 PM | 1.89   |
| 6/9/2019 | 11:47 AM | 85.67  | 6/8/2019 | 11:32 PM | 0      |
| 6/9/2019 | 11:32 AM | 156.74 | 6/8/2019 | 11:17 PM | 0      |
| 6/9/2019 | 11:17 AM | 283.14 | 6/8/2019 | 11:02 PM | 0      |
| 6/9/2019 | 11:02 AM | 129.65 | 6/8/2019 | 10:47 PM | 0      |
| 6/9/2019 | 10:47 AM | 4.06   | 6/8/2019 | 10:32 PM | 0.39   |
| 6/9/2019 | 10:32 AM | 5.76   | 6/8/2019 | 10:17 PM | 141.02 |
| 6/9/2019 | 10:17 AM | 40.97  | 6/8/2019 | 10:02 PM | 142.49 |
| 6/9/2019 | 10:02 AM | 16.22  | 6/8/2019 | 9:47 PM  | 269.79 |
| 6/9/2019 | 9:47 AM  | 15.14  | 6/8/2019 | 9:32 PM  | 0      |
| 6/9/2019 | 9:32 AM  | 0      | 6/8/2019 | 9:17 PM  | 0      |
| 6/9/2019 | 9:17 AM  | 0      | 6/8/2019 | 9:02 PM  | 0      |
| 6/9/2019 | 9:02 AM  | 0      | 6/8/2019 | 8:47 PM  | 76.47  |
| 6/9/2019 | 8:47 AM  | 0      | 6/8/2019 | 8:32 PM  | 122.17 |
| 6/9/2019 | 8:32 AM  | 0.02   | 6/8/2019 | 8:17 PM  | 144.09 |
| 6/9/2019 | 8:17 AM  | 0      | 6/8/2019 | 8:02 PM  | 63.61  |
| 6/9/2019 | 8:02 AM  | 0      | 6/8/2019 | 7:47 PM  | 231.53 |
| 6/9/2019 | 7:47 AM  | 0      | 6/8/2019 | 7:32 PM  | 286.49 |
| 6/9/2019 | 7:32 AM  | 0      | 6/8/2019 | 7:17 PM  | 0      |
| 6/9/2019 | 7:17 AM  | 7.24   | 6/8/2019 | 7:02 PM  | 0.46   |
| 6/9/2019 | 7:02 AM  | 0      | 6/8/2019 | 6:47 PM  | 0.75   |
| 6/9/2019 | 6:47 AM  | 0      | 6/8/2019 | 6:32 PM  | 0.42   |
| 6/9/2019 | 6:32 AM  | 0      | 6/8/2019 | 6:17 PM  | 8.12   |
| 6/9/2019 | 6:17 AM  | 0      | 6/8/2019 | 6:02 PM  | 203.37 |
| 6/9/2019 | 6:02 AM  | -0.01  | 6/8/2019 | 5:47 PM  | 124.64 |
| 6/9/2019 | 5:47 AM  | 0      | 6/8/2019 | 5:32 PM  | 0      |
| 6/9/2019 | 5:32 AM  | 0      | 6/8/2019 | 5:17 PM  | 10.42  |
| 6/9/2019 | 5:17 AM  | 0      | 6/8/2019 | 5:02 PM  | 3.45   |
| 6/9/2019 | 5:02 AM  | 0      | 6/8/2019 | 4:47 PM  | 8.32   |
| 6/9/2019 | 4:47 AM  | 0      | 6/8/2019 | 4:32 PM  | 47.41  |
| 6/9/2019 | 4:32 AM  | 0      | 6/8/2019 | 4:17 PM  | 198.56 |
| 6/9/2019 | 4:17 AM  | 0      | 6/8/2019 | 4:02 PM  | 0.14   |
| 6/9/2019 | 4:02 AM  | 0      | 6/8/2019 | 3:47 PM  | 22.69  |
| 6/9/2019 | 3:47 AM  | 0      | 6/8/2019 | 3:32 PM  | 15.35  |
| 6/9/2019 | 3:32 AM  | 7.06   | 6/8/2019 | 3:17 PM  | 14.15  |
| 6/9/2019 | 3:17 AM  | 0      | 6/8/2019 | 3:02 PM  | 12.69  |
| 6/9/2019 | 3:02 AM  | -0.01  | 6/8/2019 | 2:47 PM  | 77.78  |
| 6/9/2019 | 2:47 AM  | 0      | 6/8/2019 | 2:32 PM  | 29.19  |
| 6/9/2019 | 2:32 AM  | 0      | 6/8/2019 | 2:17 PM  | 0.1    |

|          |          |        |          |          |       |
|----------|----------|--------|----------|----------|-------|
| 6/8/2019 | 2:02 PM  | 97.34  | 6/8/2019 | 1:47 AM  | 0     |
| 6/8/2019 | 1:47 PM  | 69.75  | 6/8/2019 | 1:32 AM  | 0     |
| 6/8/2019 | 1:32 PM  | 2.72   | 6/8/2019 | 1:17 AM  | -0.04 |
| 6/8/2019 | 1:17 PM  | 4.05   | 6/8/2019 | 1:02 AM  | 5.85  |
| 6/8/2019 | 1:02 PM  | 93.31  | 6/8/2019 | 12:47 AM | 36.13 |
| 6/8/2019 | 12:47 PM | 0.15   | 6/8/2019 | 12:32 AM | 46.3  |
| 6/8/2019 | 12:32 PM | 10.12  | 6/8/2019 | 12:17 AM | 45.47 |
| 6/8/2019 | 12:17 PM | 17.72  | 6/8/2019 | 12:02 AM | 51.71 |
| 6/8/2019 | 12:02 PM | 50.58  | 6/7/2019 | 11:47 PM | 45.4  |
| 6/8/2019 | 11:47 AM | 83.04  | 6/7/2019 | 11:32 PM | 44.76 |
| 6/8/2019 | 11:32 AM | -5.25  | 6/7/2019 | 11:17 PM | 44.39 |
| 6/8/2019 | 11:17 AM | 19.07  | 6/7/2019 | 11:02 PM | 44.18 |
| 6/8/2019 | 11:02 AM | 127.04 | 6/7/2019 | 10:47 PM | 43.46 |
| 6/8/2019 | 10:47 AM | 0.22   | 6/7/2019 | 10:32 PM | 46.23 |
| 6/8/2019 | 10:32 AM | 5.37   | 6/7/2019 | 10:17 PM | 43.39 |
| 6/8/2019 | 10:17 AM | 29     | 6/7/2019 | 10:02 PM | 43.19 |
| 6/8/2019 | 10:02 AM | 33.8   | 6/7/2019 | 9:47 PM  | 42.53 |
| 6/8/2019 | 9:47 AM  | 17.38  | 6/7/2019 | 9:32 PM  | 42.19 |
| 6/8/2019 | 9:32 AM  | 117.58 | 6/7/2019 | 9:17 PM  | 42.04 |
| 6/8/2019 | 9:17 AM  | 161.71 | 6/7/2019 | 9:02 PM  | 44.11 |
| 6/8/2019 | 9:02 AM  | 58.74  | 6/7/2019 | 8:47 PM  | 41.39 |
| 6/8/2019 | 8:47 AM  | 78.08  | 6/7/2019 | 8:32 PM  | 41.2  |
| 6/8/2019 | 8:32 AM  | 70.85  | 6/7/2019 | 8:17 PM  | 41.38 |
| 6/8/2019 | 8:17 AM  | 72.6   | 6/7/2019 | 8:02 PM  | 41.02 |
| 6/8/2019 | 8:02 AM  | 41.1   | 6/7/2019 | 7:47 PM  | 40.22 |
| 6/8/2019 | 7:47 AM  | 41.92  | 6/7/2019 | 7:32 PM  | 42.63 |
| 6/8/2019 | 7:32 AM  | 13.49  | 6/7/2019 | 7:17 PM  | 11.28 |
| 6/8/2019 | 7:17 AM  | 21.55  | 6/7/2019 | 7:02 PM  | 0     |
| 6/8/2019 | 7:02 AM  | 0.01   | 6/7/2019 | 6:47 PM  | 0     |
| 6/8/2019 | 6:47 AM  | 0      | 6/7/2019 | 6:32 PM  | 0.45  |
| 6/8/2019 | 6:32 AM  | 0      | 6/7/2019 | 6:17 PM  | 15.58 |
| 6/8/2019 | 6:17 AM  | 0      | 6/7/2019 | 6:02 PM  | 13.92 |
| 6/8/2019 | 6:02 AM  | 0      | 6/7/2019 | 5:47 PM  | 0     |
| 6/8/2019 | 5:47 AM  | 6.04   | 6/7/2019 | 5:32 PM  | 3.15  |
| 6/8/2019 | 5:32 AM  | 31.69  | 6/7/2019 | 5:17 PM  | 0     |
| 6/8/2019 | 5:17 AM  | 28     | 6/7/2019 | 5:02 PM  | 6.12  |
| 6/8/2019 | 5:02 AM  | 18.19  | 6/7/2019 | 4:47 PM  | 0     |
| 6/8/2019 | 4:47 AM  | 38.88  | 6/7/2019 | 4:32 PM  | 1.19  |
| 6/8/2019 | 4:32 AM  | 22.61  | 6/7/2019 | 4:17 PM  | 4.22  |
| 6/8/2019 | 4:17 AM  | 13.64  | 6/7/2019 | 4:02 PM  | 2.26  |
| 6/8/2019 | 4:02 AM  | 22.63  | 6/7/2019 | 3:47 PM  | 0     |
| 6/8/2019 | 3:47 AM  | 32.88  | 6/7/2019 | 3:32 PM  | 0     |
| 6/8/2019 | 3:32 AM  | 6.63   | 6/7/2019 | 3:17 PM  | 0.42  |
| 6/8/2019 | 3:17 AM  | 0      | 6/7/2019 | 3:02 PM  | 0.36  |
| 6/8/2019 | 3:02 AM  | 1.1    | 6/7/2019 | 2:47 PM  | 9.69  |
| 6/8/2019 | 2:47 AM  | 43.4   | 6/7/2019 | 2:32 PM  | 0     |
| 6/8/2019 | 2:32 AM  | 13.53  | 6/7/2019 | 2:17 PM  | 0     |
| 6/8/2019 | 2:17 AM  | -0.03  | 6/7/2019 | 2:02 PM  | 0     |
| 6/8/2019 | 2:02 AM  | 0      | 6/7/2019 | 1:47 PM  | 0     |

|          |          |       |          |          |        |
|----------|----------|-------|----------|----------|--------|
| 6/7/2019 | 1:32 PM  | 0     | 6/7/2019 | 1:17 AM  | 0      |
| 6/7/2019 | 1:17 PM  | 0.01  | 6/7/2019 | 1:02 AM  | -0.02  |
| 6/7/2019 | 1:02 PM  | 0     | 6/7/2019 | 12:47 AM | 0      |
| 6/7/2019 | 12:47 PM | 0     | 6/7/2019 | 12:32 AM | 0      |
| 6/7/2019 | 12:32 PM | 0     | 6/7/2019 | 12:17 AM | 0      |
| 6/7/2019 | 12:17 PM | 0.05  | 6/7/2019 | 12:02 AM | 0      |
| 6/7/2019 | 12:02 PM | -0.01 | 6/6/2019 | 11:47 PM | 7.33   |
| 6/7/2019 | 11:47 AM | 7.14  | 6/6/2019 | 11:32 PM | 6.61   |
| 6/7/2019 | 11:32 AM | 0.14  | 6/6/2019 | 11:17 PM | 0      |
| 6/7/2019 | 11:17 AM | 10.32 | 6/6/2019 | 11:02 PM | 0      |
| 6/7/2019 | 11:02 AM | 6.68  | 6/6/2019 | 10:47 PM | 0.81   |
| 6/7/2019 | 10:47 AM | 0     | 6/6/2019 | 10:32 PM | 3.44   |
| 6/7/2019 | 10:32 AM | 0     | 6/6/2019 | 10:17 PM | 0.11   |
| 6/7/2019 | 10:17 AM | 0.08  | 6/6/2019 | 10:02 PM | 3.27   |
| 6/7/2019 | 10:02 AM | 0     | 6/6/2019 | 9:47 PM  | 0      |
| 6/7/2019 | 9:47 AM  | 0     | 6/6/2019 | 9:32 PM  | 0      |
| 6/7/2019 | 9:32 AM  | 9.46  | 6/6/2019 | 9:17 PM  | 0      |
| 6/7/2019 | 9:17 AM  | 18.42 | 6/6/2019 | 9:02 PM  | 0      |
| 6/7/2019 | 9:02 AM  | 3.13  | 6/6/2019 | 8:47 PM  | 0.01   |
| 6/7/2019 | 8:47 AM  | 32.05 | 6/6/2019 | 8:32 PM  | 3.04   |
| 6/7/2019 | 8:32 AM  | 12.59 | 6/6/2019 | 8:17 PM  | 3.75   |
| 6/7/2019 | 8:17 AM  | 6.66  | 6/6/2019 | 8:02 PM  | 0.42   |
| 6/7/2019 | 8:02 AM  | 0     | 6/6/2019 | 7:47 PM  | 1.49   |
| 6/7/2019 | 7:47 AM  | 0     | 6/6/2019 | 7:32 PM  | 6.67   |
| 6/7/2019 | 7:32 AM  | 0     | 6/6/2019 | 7:17 PM  | 0      |
| 6/7/2019 | 7:17 AM  | 0     | 6/6/2019 | 7:02 PM  | 0      |
| 6/7/2019 | 7:02 AM  | 7.22  | 6/6/2019 | 6:47 PM  | 3.49   |
| 6/7/2019 | 6:47 AM  | -0.01 | 6/6/2019 | 6:32 PM  | 10.25  |
| 6/7/2019 | 6:32 AM  | 0     | 6/6/2019 | 6:17 PM  | 11.29  |
| 6/7/2019 | 6:17 AM  | 0     | 6/6/2019 | 6:02 PM  | 0.06   |
| 6/7/2019 | 6:02 AM  | 0     | 6/6/2019 | 5:47 PM  | 0      |
| 6/7/2019 | 5:47 AM  | 0     | 6/6/2019 | 5:32 PM  | 0      |
| 6/7/2019 | 5:32 AM  | 0     | 6/6/2019 | 5:17 PM  | 2.51   |
| 6/7/2019 | 5:17 AM  | 0     | 6/6/2019 | 5:02 PM  | 12.81  |
| 6/7/2019 | 5:02 AM  | 0     | 6/6/2019 | 4:47 PM  | 9.74   |
| 6/7/2019 | 4:47 AM  | 7.21  | 6/6/2019 | 4:32 PM  | 14.18  |
| 6/7/2019 | 4:32 AM  | 0     | 6/6/2019 | 4:17 PM  | -0.02  |
| 6/7/2019 | 4:17 AM  | 0     | 6/6/2019 | 4:02 PM  | 0      |
| 6/7/2019 | 4:02 AM  | 0     | 6/6/2019 | 3:47 PM  | 76.97  |
| 6/7/2019 | 3:47 AM  | 0     | 6/6/2019 | 3:32 PM  | 141.6  |
| 6/7/2019 | 3:32 AM  | 3.06  | 6/6/2019 | 3:17 PM  | 102.2  |
| 6/7/2019 | 3:17 AM  | 3.57  | 6/6/2019 | 3:02 PM  | 0      |
| 6/7/2019 | 3:02 AM  | 0     | 6/6/2019 | 2:47 PM  | 0.92   |
| 6/7/2019 | 2:47 AM  | 7.29  | 6/6/2019 | 2:32 PM  | 0.62   |
| 6/7/2019 | 2:32 AM  | 0     | 6/6/2019 | 2:17 PM  | 144.88 |
| 6/7/2019 | 2:17 AM  | 6.59  | 6/6/2019 | 2:02 PM  | 10.77  |
| 6/7/2019 | 2:02 AM  | 0     | 6/6/2019 | 1:47 PM  | 6.4    |
| 6/7/2019 | 1:47 AM  | 0     | 6/6/2019 | 1:32 PM  | 2.11   |
| 6/7/2019 | 1:32 AM  | 0     | 6/6/2019 | 1:17 PM  | 71.39  |

|          |          |       |          |          |        |
|----------|----------|-------|----------|----------|--------|
| 6/6/2019 | 1:02 PM  | 51.49 | 6/6/2019 | 12:47 AM | 0      |
| 6/6/2019 | 12:47 PM | 61.05 | 6/6/2019 | 12:32 AM | 0      |
| 6/6/2019 | 12:32 PM | 46.44 | 6/6/2019 | 12:17 AM | 0      |
| 6/6/2019 | 12:17 PM | 0     | 6/6/2019 | 12:02 AM | 0.01   |
| 6/6/2019 | 12:02 PM | 1.1   | 6/5/2019 | 11:47 PM | 0      |
| 6/6/2019 | 11:47 AM | 3.47  | 6/5/2019 | 11:32 PM | 0      |
| 6/6/2019 | 11:32 AM | 19.01 | 6/5/2019 | 11:17 PM | 0      |
| 6/6/2019 | 11:17 AM | 6.39  | 6/5/2019 | 11:02 PM | -0.02  |
| 6/6/2019 | 11:02 AM | 8.07  | 6/5/2019 | 10:47 PM | 0.01   |
| 6/6/2019 | 10:47 AM | 64.71 | 6/5/2019 | 10:32 PM | 4.48   |
| 6/6/2019 | 10:32 AM | -2.69 | 6/5/2019 | 10:17 PM | 0      |
| 6/6/2019 | 10:17 AM | 59.16 | 6/5/2019 | 10:02 PM | 0      |
| 6/6/2019 | 10:02 AM | 89.84 | 6/5/2019 | 9:47 PM  | 0      |
| 6/6/2019 | 9:47 AM  | 0.04  | 6/5/2019 | 9:32 PM  | 0      |
| 6/6/2019 | 9:32 AM  | 0     | 6/5/2019 | 9:17 PM  | 5.13   |
| 6/6/2019 | 9:17 AM  | 0     | 6/5/2019 | 9:02 PM  | 80.05  |
| 6/6/2019 | 9:02 AM  | 0     | 6/5/2019 | 8:47 PM  | 194.52 |
| 6/6/2019 | 8:47 AM  | 6.61  | 6/5/2019 | 8:32 PM  | 220.85 |
| 6/6/2019 | 8:32 AM  | 22.41 | 6/5/2019 | 8:17 PM  | 299.5  |
| 6/6/2019 | 8:17 AM  | 35.1  | 6/5/2019 | 8:02 PM  | 278.45 |
| 6/6/2019 | 8:02 AM  | 0     | 6/5/2019 | 7:47 PM  | 221.73 |
| 6/6/2019 | 7:47 AM  | -0.01 | 6/5/2019 | 7:32 PM  | 0      |
| 6/6/2019 | 7:32 AM  | 0     | 6/5/2019 | 7:17 PM  | 0      |
| 6/6/2019 | 7:17 AM  | 0     | 6/5/2019 | 7:02 PM  | 13.58  |
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| 6/6/2019 | 6:32 AM  | 0     | 6/5/2019 | 6:17 PM  | 5.05   |
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| 6/6/2019 | 4:17 AM  | 4.74  | 6/5/2019 | 4:02 PM  | 203.43 |
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| 6/6/2019 | 3:47 AM  | 0     | 6/5/2019 | 3:32 PM  | 40.53  |
| 6/6/2019 | 3:32 AM  | -0.01 | 6/5/2019 | 3:17 PM  | 332.64 |
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| 6/6/2019 | 1:02 AM  | 0     | 6/5/2019 | 12:47 PM | 2.27   |

|          |          |       |          |          |       |
|----------|----------|-------|----------|----------|-------|
| 6/5/2019 | 12:32 PM | 13.33 | 6/5/2019 | 12:17 AM | 52.5  |
| 6/5/2019 | 12:17 PM | 0.08  | 6/5/2019 | 12:02 AM | 55.72 |
| 6/5/2019 | 12:02 PM | 6.42  | 6/4/2019 | 11:47 PM | 54.71 |
| 6/5/2019 | 11:47 AM | 12.92 | 6/4/2019 | 11:32 PM | 55.1  |
| 6/5/2019 | 11:32 AM | 55.1  | 6/4/2019 | 11:17 PM | 57.07 |
| 6/5/2019 | 11:17 AM | 56.17 | 6/4/2019 | 11:02 PM | 55.94 |
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| 6/5/2019 | 10:47 AM | 75.68 | 6/4/2019 | 10:32 PM | 59.18 |
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| 6/5/2019 | 7:17 AM  | 52.62 | 6/4/2019 | 7:02 PM  | 65.5  |
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| 6/5/2019 | 12:32 AM | 59.06 | 6/4/2019 | 12:17 PM | 55.99 |

|          |          |        |          |          |       |
|----------|----------|--------|----------|----------|-------|
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| 6/4/2019 | 10:02 AM | 71.66  | 6/3/2019 | 9:47 PM  | 54.28 |
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| 6/4/2019 | 2:47 AM  | 58.24  | 6/3/2019 | 2:32 PM  | 57.97 |
| 6/4/2019 | 2:32 AM  | 57.86  | 6/3/2019 | 2:17 PM  | 53.73 |
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| 6/4/2019 | 2:02 AM  | 57.81  | 6/3/2019 | 1:47 PM  | 53.66 |
| 6/4/2019 | 1:47 AM  | 57.74  | 6/3/2019 | 1:32 PM  | 53.69 |
| 6/4/2019 | 1:32 AM  | 57.94  | 6/3/2019 | 1:17 PM  | 66.68 |
| 6/4/2019 | 1:17 AM  | 57.6   | 6/3/2019 | 1:02 PM  | 53.35 |
| 6/4/2019 | 1:02 AM  | 57.98  | 6/3/2019 | 12:47 PM | 54.03 |
| 6/4/2019 | 12:47 AM | 58.04  | 6/3/2019 | 12:32 PM | 54.13 |
| 6/4/2019 | 12:32 AM | 57.34  | 6/3/2019 | 12:17 PM | 56.61 |
| 6/4/2019 | 12:17 AM | 56.86  | 6/3/2019 | 12:02 PM | 56.92 |
| 6/4/2019 | 12:02 AM | 57.52  | 6/3/2019 | 11:47 AM | 54.52 |

|          |          |       |          |          |       |
|----------|----------|-------|----------|----------|-------|
| 6/3/2019 | 11:32 AM | 60.57 | 6/2/2019 | 11:17 PM | 54.71 |
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| 6/3/2019 | 10:02 AM | 55.06 | 6/2/2019 | 9:47 PM  | 53.43 |
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| 6/3/2019 | 8:47 AM  | 58.25 | 6/2/2019 | 8:32 PM  | 54.43 |
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| 6/3/2019 | 8:17 AM  | 58.47 | 6/2/2019 | 8:02 PM  | 61.17 |
| 6/3/2019 | 8:02 AM  | 56.77 | 6/2/2019 | 7:47 PM  | 55.18 |
| 6/3/2019 | 7:47 AM  | 57.88 | 6/2/2019 | 7:32 PM  | 60.8  |
| 6/3/2019 | 7:32 AM  | 58    | 6/2/2019 | 7:17 PM  | 54.48 |
| 6/3/2019 | 7:17 AM  | 58.42 | 6/2/2019 | 7:02 PM  | 61.07 |
| 6/3/2019 | 7:02 AM  | 58.22 | 6/2/2019 | 6:47 PM  | 67.88 |
| 6/3/2019 | 6:47 AM  | 54.39 | 6/2/2019 | 6:32 PM  | 60.08 |
| 6/3/2019 | 6:32 AM  | 64.32 | 6/2/2019 | 6:17 PM  | 54.12 |
| 6/3/2019 | 6:17 AM  | 57.45 | 6/2/2019 | 6:02 PM  | 57.97 |
| 6/3/2019 | 6:02 AM  | 56.59 | 6/2/2019 | 5:47 PM  | 54.48 |
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| 6/3/2019 | 5:17 AM  | 57.54 | 6/2/2019 | 5:02 PM  | 54.52 |
| 6/3/2019 | 5:02 AM  | 56.94 | 6/2/2019 | 4:47 PM  | 61.38 |
| 6/3/2019 | 4:47 AM  | 64.53 | 6/2/2019 | 4:32 PM  | 71.38 |
| 6/3/2019 | 4:32 AM  | 57.61 | 6/2/2019 | 4:17 PM  | 58.25 |
| 6/3/2019 | 4:17 AM  | 57.81 | 6/2/2019 | 4:02 PM  | 53.62 |
| 6/3/2019 | 4:02 AM  | 57.91 | 6/2/2019 | 3:47 PM  | 54.15 |
| 6/3/2019 | 3:47 AM  | 57.53 | 6/2/2019 | 3:32 PM  | 53.66 |
| 6/3/2019 | 3:32 AM  | 57.74 | 6/2/2019 | 3:17 PM  | 53.73 |
| 6/3/2019 | 3:17 AM  | 57.22 | 6/2/2019 | 3:02 PM  | 53.43 |
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| 6/3/2019 | 2:32 AM  | 56.49 | 6/2/2019 | 2:17 PM  | 54.9  |
| 6/3/2019 | 2:17 AM  | 55.67 | 6/2/2019 | 2:02 PM  | 59.58 |
| 6/3/2019 | 2:02 AM  | 67.66 | 6/2/2019 | 1:47 PM  | 54.06 |
| 6/3/2019 | 1:47 AM  | 56.64 | 6/2/2019 | 1:32 PM  | 60.72 |
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| 6/3/2019 | 1:02 AM  | 56.31 | 6/2/2019 | 12:47 PM | 82.23 |
| 6/3/2019 | 12:47 AM | 56.63 | 6/2/2019 | 12:32 PM | 54.98 |
| 6/3/2019 | 12:32 AM | 56.17 | 6/2/2019 | 12:17 PM | 54.88 |
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| 6/2/2019 | 11:47 PM | 61.07 | 6/2/2019 | 11:32 AM | 60.65 |
| 6/2/2019 | 11:32 PM | 54.91 | 6/2/2019 | 11:17 AM | 58.15 |

|          |          |       |
|----------|----------|-------|
| 6/2/2019 | 11:02 AM | 83.09 |
| 6/2/2019 | 10:47 AM | 79.66 |
| 6/2/2019 | 10:32 AM | 66.76 |
| 6/2/2019 | 10:17 AM | 55.26 |
| 6/2/2019 | 10:02 AM | 55.64 |
| 6/2/2019 | 9:47 AM  | 62.25 |
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| 6/2/2019 | 9:17 AM  | 57.56 |
| 6/2/2019 | 9:02 AM  | 57.75 |
| 6/2/2019 | 8:47 AM  | 57.85 |
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| 6/2/2019 | 7:47 AM  | 57.94 |
| 6/2/2019 | 7:32 AM  | 57.06 |
| 6/2/2019 | 7:17 AM  | 57.32 |
| 6/2/2019 | 7:02 AM  | 63.06 |
| 6/2/2019 | 6:47 AM  | 57.48 |
| 6/2/2019 | 6:32 AM  | 63.17 |
| 6/2/2019 | 6:17 AM  | 58.46 |
| 6/2/2019 | 6:02 AM  | 58.51 |
| 6/2/2019 | 5:47 AM  | 58.98 |
| 6/2/2019 | 5:32 AM  | 60.13 |
| 6/2/2019 | 5:17 AM  | 61.26 |
| 6/2/2019 | 5:02 AM  | 61.46 |
| 6/2/2019 | 4:47 AM  | 51.97 |
| 6/2/2019 | 4:32 AM  | 52.6  |
| 6/2/2019 | 4:17 AM  | 56.43 |
| 6/2/2019 | 4:02 AM  | 54.45 |
| 6/2/2019 | 3:47 AM  | 48.35 |
| 6/2/2019 | 3:32 AM  | 59.34 |
| 6/2/2019 | 3:17 AM  | 49.49 |
| 6/2/2019 | 3:02 AM  | 47.72 |
| 6/2/2019 | 2:47 AM  | 51.1  |
| 6/2/2019 | 2:32 AM  | 69.11 |
| 6/2/2019 | 2:17 AM  | 57.67 |
| 6/2/2019 | 2:02 AM  | 62.74 |
| 6/2/2019 | 1:47 AM  | 55.99 |
| 6/2/2019 | 1:32 AM  | 44.59 |
| 6/2/2019 | 1:17 AM  | 54.8  |
| 6/2/2019 | 1:02 AM  | 56.86 |
| 6/2/2019 | 12:47 AM | 54.71 |
| 6/2/2019 | 12:32 AM | 56.63 |

|                   |                  |
|-------------------|------------------|
| Earliest          | 6/2/2019 0:32    |
| Latest            | 6/12/2019 13:32  |
| Total Consumption | <b>34,450.63</b> |

HUGH SPIRES, JR.  
21375 Gunther Grove  
Garden Ridge, TX 78266

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June 4, 2019

Jacob Parsons  
Water Manager  
9400 Municipal Parkway  
Garden Ridge, TX 78266  
Email only: [watermanager@ci.garden-ridge.tx.us](mailto:watermanager@ci.garden-ridge.tx.us)

Re: Account , Service 4/22/19 to 5/23/19

Dear Mr. Parsons:

I am writing to request an adjustment to the invoice for the account number referenced above. The invoice, due June 15, 2019, is \$1,209.01.

Please consider this letter a formal complaint to the Water Department pursuant to Ordinance 54-042017, section 5.06 Customer and Non-Customer Complaints.

#### Facts

On May 6, 2019 I had a pre-foundation repair leak check performed on my residence by Tator Plumbing. On May 20, 2019, I had a post-foundation repair leak check performed by the same plumbing company. Neither test revealed a leak in the water pipes.

On June 3, 2019 I received an invoice from your department for services provided from April 22, 2019 to May 31, 2019 for \$1,209.01. I contacted Roto Rooter Plumbing on the evening of June 3, 2019 but could not obtain services until the following day. On June 4, 2019, Roto Rooter Plumbing performed a leak detection test on an outside water line leading from my residence to an area in my back yard approximately 50 yards from my residence. The test, which costs \$1,200, disclosed several leaks in this pipe. I had the plumber cap the water pipe to stop the current leak and prevent further leaks.

#### City Ordinance

In the Preface of Ordinance #54-042017 it states that ordinances are designed to govern the "supplying and **taking of water services in such a manner as will secure for each consumer the greatest possible latitude in the enjoyment of the service**" that is consistent with good practice and safety to other consumers. [emphasis added].

Section 5.06 of the said ordinance provides that upon complaint to the Water Department, the Operations Manager will make an investigation and advise the complainant. Further resolution may be obtained by the complainant making a personal appearance before the City Water Commission.

#### Discussion

According to the invoice, I used 114,000 gallons of water in a 31-day period. Unfortunately, such an exorbitant usage of water, which is 10 times my normal usage, did not raise any concerns for the meter reader. Therefore, between May 23, 2019, when the meter was read, and June 3, 2019, when the invoice was delivered, I was not aware of the leak. The 11-day delay alone caused approximately 28,000 gallons to be wasted.

The leak checks performed pre and post foundation repair only checked the pipes under the foundation, therefore, it did not reveal the leak in the pipe in the back yard. Although I had performed my due diligence by checking for leaks after the foundation repair, I had no reason to suspect a leak leading away from the house until I received the invoice on June 3, 2019. Once the leak was suspected, I took immediate remediation at a fairly expensive cost. I believe my actions represent the good practice the Water Department would want to encourage.

#### Conclusion

According to the City Ordinance, you, as the Water Manager have the authority to adjust the invoice balance. Requiring me to pay an invoice for "water usage" that is 10 times the usual amount at my residence would be contrary to the Preface of the Ordinance. Such an unknown leak is not a "taking of water services" in a manner that would secure the greatest possible latitude in the enjoyment to the service, as anticipated by the ordinance.

I respectfully request you adjust my invoice to an amount equal to the average balance of the previous three months' invoices. In the event you are unable or unwilling to make such a concession, please forward my complaint to the Water Commission for further discussion.

Respectfully

A handwritten signature in black ink, appearing to read "Hugh Spires, Jr.", with a stylized flourish at the end.

Hugh Spires, Jr., Esq.

#### Attachments:

1. Water Invoice
2. Roto Rooter Invoice



# 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

45114 Kg in 1 month

day on 23 when service date  
4:1 June 3 shows 28,000

2/15  
in 11 days



CRRT R016

JENNIFER/HUGH SPIRES  
21375 GUNTHER GRV  
GARDEN RIDGE TX 78266-2527

\*Important Information on\*  
Reverse Side

| ACCOUNT NUMBER                                                                                                                                                                                            | DATE BILL MAILED | SERVICE FROM | SERVICE TO    | DAYS USED | DUE DATE   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|---------------|-----------|------------|
|                                                                                                                                                                                                           | 05/31/2019       | 04/22/19     | 05/23/19      | 31        | 06/15/2019 |
| PREVIOUS READING                                                                                                                                                                                          | PRESENT READING  | GALLONS USED | DESCRIPTION   |           | AMOUNT DUE |
| 888000                                                                                                                                                                                                    | 1002000          | 114000       | RI WATER      |           | 1,178.43   |
|                                                                                                                                                                                                           |                  |              | TR1 GARBAGE   |           | 24.56      |
|                                                                                                                                                                                                           |                  |              | EAA EAA FEE   |           | 3.03       |
|                                                                                                                                                                                                           |                  |              | 080 CTG FEE   |           | 0.60       |
|                                                                                                                                                                                                           |                  |              | HHW HAZ WASTE |           | 0.36       |
|                                                                                                                                                                                                           |                  |              | TAX           |           | 2.03       |
| GARDEN RIDGE FARMERS' MARKET JUNE 8TH.<br>WATCH THE CITY'S WEBSITE FOR INFORMATION<br>ABOUT THE JULY 4TH EVENT AT PAUL DAVIS PARK.<br>AFTER HOURS CONTACT 210-651-6831<br>FOR WATER AND LOST/ FOUND PETS. |                  |              |               |           |            |

SERVICE ADDRESS ►

21375 GUNTHER GROVE

AMOUNT  
DUE

AFTER DUE DATE

BY DUE DATE

\$1,329.61

\$1,209.01

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

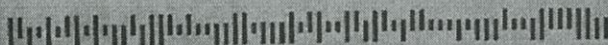


| DUE DATE       | ACCOUNT NUMBER |
|----------------|----------------|
| 06/15/19       | [REDACTED]     |
| AFTER DUE DATE | BY DUE DATE    |
| \$1,329.61     | \$1,209.01     |

AMOUNT  
DUE

SERVICE  
ADDRESS ►

21375 GUNTHER GROVE



CRRT R016

JENNIFER/HUGH SPIRES  
21375 GUNTHER GRV  
GARDEN RIDGE TX 78266-2527



SEE BINDING TERMS ON RECEIPT

## Roto-Rooter Services Company

Remit to: 5672 Collections Center Drive, Chicago IL 60693-0056  
For Service Please Call 1-800-GET-ROTO (438-7686)General (210) 491-0387 • FAX (210) 491-5974  
3603 Metro Parkway, San Antonio TX 78247Timothy Crockett, ML #38580, James E. Fisher, ML #38723  
Texas State Board of Plumbing Examiners, 929 East 41st St.  
PO Box 4200, Austin TX 78765 • (800) 845-5584

Service Technician's Name: Ronnie 5820

INVOICE NO: 62-21018240

SEWER & DRAIN ☐ PLUMBING ☒ PUMPING ☐  
INDUSTRIAL ☐ EXCAVATION ☐ DRAIN TILE ☐

CUSTOMER NAME: Hugh Spires CUSTOMER NO.: 21018240

BILLING ADDRESS: 21375 Dunbar GRV APT. NUMBER: 43-019900

CITY: SA STATE/PROVINCE: TX ZIP/POSTAL: 78266 CUSTOMER PHONE NO.: 21018240 P.O. NUMBER/AUTHORIZATION: 43-019900

SERVICE ADDRESS (IF DIFFERENT THAN BILLING ADDRESS): CITY: STATE/PROVINCE: ZIP/POSTAL:

WORK ORDER AUTHORIZATION I authorize the services indicated and agree to pay the amounts specified. I have read and agree to the terms on the reverse side, including the limits on Roto-Rooter's responsibility specified in those terms. I acknowledge that under paragraph 2(b) of those terms, if Roto-Rooter equipment gets stuck in a pipe, I may be responsible for the cost of removing that equipment, including any required excavation.

(SIGNATURE) [Signature] (PRINT NAME) Hugh Spires

REPAIR CODE: ESTIMATE AND DESCRIPTION OF WORK TO BE PERFORMED (The approximate starting date is \_\_\_\_\_, and the approximate completion date is \_\_\_\_\_). Neither date is guaranteed. Unexpected conditions or problems could cause delays. A definite completion date is not of the essence.)

leak Search With Leak detector  
found lots of leaks owner had me  
cap of line to ponds

\$ AMOUNT: 1200

ADJUSTMENTS/CHANGES IN WORK TO BE PERFORMED (Use additional invoice if needed to describe changes)

RESIDENTIAL GUARANTEE: LABOR: 6 months, 7 days, 6 months, 1 year, 1 year  
COMMERCIAL GUARANTEE: LABOR: 30 days, 24 hours, 90 days, 90 days

PAYMENT: CASH CHECK NO. 438240  
CREDIT CARD NET 10 DAYS  
OVER 30 DAYS = LATE CHARGE OF 1 1/2% PER MONTH  
\* In the event check is returned, the CUSTOMER is responsible for all related bank fees.

REASON FOR NO GUARANTEE: LABOR \$: LABOR TAX \$: PARTS \$: DISCOUNT \$: 114-00

COMPLETION I acknowledge completion of the above described work which has been done to my complete satisfaction.

(SIGNATURE) [Signature] (PRINT NAME) Hugh Spires Jr.

TAX \$: TOTAL \$ 1080.12

| SUGGESTIONS FOR REPAIR / REPLACEMENT |          |                |                |
|--------------------------------------|----------|----------------|----------------|
| ITEM                                 | LOCATION | ESTIMATED COST | YOU SAVE TODAY |
| WATER HEATER                         |          |                |                |
| DISPOSER                             |          |                |                |
| SINK                                 |          |                |                |
| TOILET                               |          |                |                |
| BATHTUB                              |          |                |                |
| SHOWER                               |          |                |                |
| FAUCET                               |          |                |                |
| DRAIN                                |          |                |                |
| OTHER                                |          |                |                |

(Service Technician's Signature)

(Print Service Technician's Name and Number)

CUSTOMER COPY

Rely on the experts at Roto-Rooter for complete plumbing and drain services. Call 1-800-GET-ROTO (438-7686).

Visit us at [rotorooter.com](http://rotorooter.com) for coupons, helpful hints and more. Complete our customer survey at: [rotorooter.com/contact-us/customer-survey](http://rotorooter.com/contact-us/customer-survey).

And, follow us online for news, timely updates, and other plumbing and drain information.

[twitter.com/rotorooter](https://twitter.com/rotorooter)

[facebook.com/rotorooter](https://facebook.com/rotorooter)

[rotorooter.com/blog](http://rotorooter.com/blog)

[youtube.com/rotorootertv](https://youtube.com/rotorootertv)

INV-BR-TG1-30-17

## 9742 Trophy Oaks

| Date      | Time     | Consumption | Date      | Time     | Consumption |
|-----------|----------|-------------|-----------|----------|-------------|
| 6/12/2019 | 12:59 PM | 0           | 6/10/2019 | 3:58 PM  | 0           |
| 6/12/2019 | 11:59 AM | 0           | 6/10/2019 | 2:58 PM  | 0           |
| 6/12/2019 | 10:59 AM | 0           | 6/10/2019 | 1:58 PM  | 0           |
| 6/12/2019 | 9:59 AM  | 0           | 6/10/2019 | 12:58 PM | 0           |
| 6/12/2019 | 8:59 AM  | 0           | 6/10/2019 | 11:58 AM | 0           |
| 6/12/2019 | 7:59 AM  | 0           | 6/10/2019 | 10:58 AM | 0           |
| 6/12/2019 | 6:59 AM  | 0           | 6/10/2019 | 9:58 AM  | 0           |
| 6/12/2019 | 5:59 AM  | 0           | 6/10/2019 | 8:58 AM  | 0           |
| 6/12/2019 | 4:59 AM  | 0           | 6/10/2019 | 7:58 AM  | 0           |
| 6/12/2019 | 3:59 AM  | 0           | 6/10/2019 | 6:58 AM  | 0           |
| 6/12/2019 | 2:59 AM  | 0           | 6/10/2019 | 5:58 AM  | 0           |
| 6/12/2019 | 1:59 AM  | 0           | 6/10/2019 | 4:58 AM  | 0           |
| 6/12/2019 | 12:59 AM | 0           | 6/10/2019 | 3:58 AM  | 0           |
| 6/11/2019 | 11:59 PM | 0           | 6/10/2019 | 2:58 AM  | 0           |
| 6/11/2019 | 10:59 PM | 0           | 6/10/2019 | 1:58 AM  | 0           |
| 6/11/2019 | 9:59 PM  | 0           | 6/10/2019 | 12:58 AM | 0           |
| 6/11/2019 | 8:59 PM  | 0           | 6/9/2019  | 11:58 PM | 0           |
| 6/11/2019 | 7:59 PM  | 0           | 6/9/2019  | 10:58 PM | 0           |
| 6/11/2019 | 6:59 PM  | 0           | 6/9/2019  | 9:58 PM  | 0           |
| 6/11/2019 | 5:59 PM  | 0           | 6/9/2019  | 8:58 PM  | 0           |
| 6/11/2019 | 4:59 PM  | 0           | 6/9/2019  | 7:58 PM  | 0           |
| 6/11/2019 | 3:59 PM  | 0           | 6/9/2019  | 6:58 PM  | 0           |
| 6/11/2019 | 2:59 PM  | 0           | 6/9/2019  | 5:58 PM  | 0.12        |
| 6/11/2019 | 1:59 PM  | 0           | 6/9/2019  | 4:58 PM  | 0           |
| 6/11/2019 | 12:59 PM | 0           | 6/9/2019  | 3:58 PM  | 0           |
| 6/11/2019 | 11:59 AM | 0           | 6/9/2019  | 2:58 PM  | 0           |
| 6/11/2019 | 10:59 AM | 0           | 6/9/2019  | 1:58 PM  | 0           |
| 6/11/2019 | 9:59 AM  | 0           | 6/9/2019  | 12:58 PM | 0           |
| 6/11/2019 | 8:59 AM  | 0           | 6/9/2019  | 11:58 AM | 0           |
| 6/11/2019 | 7:59 AM  | 0           | 6/9/2019  | 10:58 AM | 0           |
| 6/11/2019 | 6:59 AM  | 0           | 6/9/2019  | 9:58 AM  | 0           |
| 6/11/2019 | 5:59 AM  | 0           | 6/9/2019  | 8:58 AM  | 0           |
| 6/11/2019 | 4:59 AM  | 0           | 6/9/2019  | 7:58 AM  | 0           |
| 6/11/2019 | 3:59 AM  | 0           | 6/9/2019  | 6:58 AM  | 0           |
| 6/11/2019 | 2:59 AM  | 0           | 6/9/2019  | 5:58 AM  | 0           |
| 6/11/2019 | 1:59 AM  | 0           | 6/9/2019  | 4:58 AM  | 0           |
| 6/11/2019 | 12:58 AM | 0           | 6/9/2019  | 3:58 AM  | 0           |
| 6/10/2019 | 11:58 PM | 0           | 6/9/2019  | 2:58 AM  | 0           |
| 6/10/2019 | 10:58 PM | 0           | 6/9/2019  | 1:58 AM  | 0           |
| 6/10/2019 | 9:58 PM  | 0           | 6/9/2019  | 12:58 AM | 0           |
| 6/10/2019 | 8:58 PM  | 0           | 6/8/2019  | 11:58 PM | 0           |
| 6/10/2019 | 7:58 PM  | 0           | 6/8/2019  | 10:58 PM | 0           |
| 6/10/2019 | 6:58 PM  | 0           | 6/8/2019  | 9:58 PM  | 0           |
| 6/10/2019 | 5:58 PM  | 0           | 6/8/2019  | 8:57 PM  | 0           |
| 6/10/2019 | 4:58 PM  | 0           | 6/8/2019  | 7:57 PM  | 0           |

|          |          |      |          |          |       |
|----------|----------|------|----------|----------|-------|
| 6/8/2019 | 6:57 PM  | 0    | 6/6/2019 | 5:57 PM  | 0     |
| 6/8/2019 | 5:57 PM  | 0    | 6/6/2019 | 4:57 PM  | 8.58  |
| 6/8/2019 | 4:57 PM  | 0    | 6/6/2019 | 3:57 PM  | 0.79  |
| 6/8/2019 | 3:57 PM  | 0    | 6/6/2019 | 2:57 PM  | 0.61  |
| 6/8/2019 | 2:57 PM  | 0    | 6/6/2019 | 1:57 PM  | 12.41 |
| 6/8/2019 | 1:57 PM  | 0    | 6/6/2019 | 12:57 PM | 26.68 |
| 6/8/2019 | 12:57 PM | 0    | 6/6/2019 | 11:57 AM | 24.97 |
| 6/8/2019 | 11:57 AM | 0    | 6/6/2019 | 10:57 AM | 9.65  |
| 6/8/2019 | 10:57 AM | 0    | 6/6/2019 | 9:57 AM  | 0     |
| 6/8/2019 | 9:57 AM  | 0    | 6/6/2019 | 8:57 AM  | 0.63  |
| 6/8/2019 | 8:57 AM  | 0    | 6/6/2019 | 7:57 AM  | 13.34 |
| 6/8/2019 | 7:57 AM  | 1.11 | 6/6/2019 | 6:57 AM  | 5.27  |
| 6/8/2019 | 6:57 AM  | 0    | 6/6/2019 | 5:57 AM  | 0     |
| 6/8/2019 | 5:57 AM  | 0    | 6/6/2019 | 4:57 AM  | 0     |
| 6/8/2019 | 4:57 AM  | 0    | 6/6/2019 | 3:56 AM  | 0     |
| 6/8/2019 | 3:57 AM  | 0    | 6/6/2019 | 2:56 AM  | 3.4   |
| 6/8/2019 | 2:57 AM  | 0    | 6/6/2019 | 1:56 AM  | 3.94  |
| 6/8/2019 | 1:57 AM  | 0    | 6/6/2019 | 12:56 AM | 0     |
| 6/8/2019 | 12:57 AM | 0    | 6/5/2019 | 11:56 PM | 30.19 |
| 6/7/2019 | 11:57 PM | 0    | 6/5/2019 | 10:56 PM | 16.77 |
| 6/7/2019 | 10:57 PM | 0    | 6/5/2019 | 9:56 PM  | 7.65  |
| 6/7/2019 | 9:57 PM  | 0    | 6/5/2019 | 8:56 PM  | 5.28  |
| 6/7/2019 | 8:57 PM  | 0    | 6/5/2019 | 7:56 PM  | 0.18  |
| 6/7/2019 | 7:57 PM  | 0    | 6/5/2019 | 6:56 PM  | 3.28  |
| 6/7/2019 | 6:57 PM  | 0    | 6/5/2019 | 5:56 PM  | 13.06 |
| 6/7/2019 | 5:57 PM  | 0    | 6/5/2019 | 4:56 PM  | 7.71  |
| 6/7/2019 | 4:57 PM  | 0    | 6/5/2019 | 3:56 PM  | 0     |
| 6/7/2019 | 3:57 PM  | 0    | 6/5/2019 | 2:56 PM  | 4.32  |
| 6/7/2019 | 2:57 PM  | 0    | 6/5/2019 | 1:56 PM  | 26.4  |
| 6/7/2019 | 1:57 PM  | 0    | 6/5/2019 | 12:56 PM | 10.21 |
| 6/7/2019 | 12:57 PM | 0    | 6/5/2019 | 11:56 AM | 7.3   |
| 6/7/2019 | 11:57 AM | 7.78 | 6/5/2019 | 10:56 AM | 20.04 |
| 6/7/2019 | 10:57 AM | 5    | 6/5/2019 | 9:56 AM  | 13.39 |
| 6/7/2019 | 9:57 AM  | 9.79 | 6/5/2019 | 8:56 AM  | 15.84 |
| 6/7/2019 | 8:57 AM  | 8.14 | 6/5/2019 | 7:56 AM  | 10.6  |
| 6/7/2019 | 7:57 AM  | 7.91 | 6/5/2019 | 6:56 AM  | 8.41  |
| 6/7/2019 | 6:57 AM  | 0    | 6/5/2019 | 5:56 AM  | 0     |
| 6/7/2019 | 5:57 AM  | 21   | 6/5/2019 | 4:56 AM  | 0     |
| 6/7/2019 | 4:57 AM  | 0    | 6/5/2019 | 3:56 AM  | 0     |
| 6/7/2019 | 3:57 AM  | 0    | 6/5/2019 | 2:56 AM  | 0     |
| 6/7/2019 | 2:57 AM  | 0    | 6/5/2019 | 1:56 AM  | 0     |
| 6/7/2019 | 1:57 AM  | 8.1  | 6/5/2019 | 12:56 AM | 0     |
| 6/7/2019 | 12:57 AM | 0    | 6/4/2019 | 11:56 PM | 10.58 |
| 6/6/2019 | 11:57 PM | 6.96 | 6/4/2019 | 10:56 PM | 0     |
| 6/6/2019 | 10:57 PM | 0    | 6/4/2019 | 9:56 PM  | 0.56  |
| 6/6/2019 | 9:57 PM  | 0    | 6/4/2019 | 8:56 PM  | 2.49  |
| 6/6/2019 | 8:57 PM  | 0    | 6/4/2019 | 7:56 PM  | 37.39 |
| 6/6/2019 | 7:57 PM  | 0    | 6/4/2019 | 6:56 PM  | 10.45 |
| 6/6/2019 | 6:57 PM  | 1.08 | 6/4/2019 | 5:56 PM  | 3.19  |

|          |          |        |           |          |        |
|----------|----------|--------|-----------|----------|--------|
| 6/4/2019 | 4:56 PM  | 99.57  | 6/2/2019  | 3:55 PM  | 7.39   |
| 6/4/2019 | 3:56 PM  | 160.17 | 6/2/2019  | 2:55 PM  | 26.09  |
| 6/4/2019 | 2:56 PM  | 0      | 6/2/2019  | 1:55 PM  | 31.6   |
| 6/4/2019 | 1:56 PM  | 0      | 6/2/2019  | 12:55 PM | 15.04  |
| 6/4/2019 | 12:56 PM | 22.66  | 6/2/2019  | 11:55 AM | 9.06   |
| 6/4/2019 | 11:56 AM | 0.12   | 6/2/2019  | 10:55 AM | 10.02  |
| 6/4/2019 | 10:56 AM | 13.45  | 6/2/2019  | 9:55 AM  | 0      |
| 6/4/2019 | 9:56 AM  | 5.64   | 6/2/2019  | 8:55 AM  | 6      |
| 6/4/2019 | 8:56 AM  | 34.68  | 6/2/2019  | 7:55 AM  | 13.45  |
| 6/4/2019 | 7:56 AM  | 4.41   | 6/2/2019  | 6:55 AM  | 6.57   |
| 6/4/2019 | 6:56 AM  | 0      | 6/2/2019  | 5:55 AM  | 0      |
| 6/4/2019 | 5:56 AM  | 0      | 6/2/2019  | 4:55 AM  | 0      |
| 6/4/2019 | 4:56 AM  | 0      | 6/2/2019  | 3:55 AM  | 8.81   |
| 6/4/2019 | 3:56 AM  | 7.18   | 6/2/2019  | 2:55 AM  | 0.26   |
| 6/4/2019 | 2:56 AM  | 0      | 6/2/2019  | 1:55 AM  | 0      |
| 6/4/2019 | 1:56 AM  | 3.24   | 6/2/2019  | 12:55 AM | 0      |
| 6/4/2019 | 12:56 AM | 0      | 6/1/2019  | 11:55 PM | 3.79   |
| 6/3/2019 | 11:56 PM | 0      | 6/1/2019  | 10:55 PM | 8.76   |
| 6/3/2019 | 10:56 PM | 7.93   | 6/1/2019  | 9:55 PM  | 3.8    |
| 6/3/2019 | 9:56 PM  | 6.69   | 6/1/2019  | 8:55 PM  | 0      |
| 6/3/2019 | 8:56 PM  | 13.77  | 6/1/2019  | 7:55 PM  | 60.11  |
| 6/3/2019 | 7:56 PM  | 13.67  | 6/1/2019  | 6:55 PM  | 71.29  |
| 6/3/2019 | 6:56 PM  | 7.56   | 6/1/2019  | 5:55 PM  | 1.24   |
| 6/3/2019 | 5:56 PM  | 0      | 6/1/2019  | 4:55 PM  | 26.51  |
| 6/3/2019 | 4:56 PM  | 4.85   | 6/1/2019  | 3:55 PM  | 14.1   |
| 6/3/2019 | 3:56 PM  | 32.57  | 6/1/2019  | 2:55 PM  | 87.21  |
| 6/3/2019 | 2:56 PM  | 23.48  | 6/1/2019  | 1:55 PM  | 110.14 |
| 6/3/2019 | 1:56 PM  | 16.54  | 6/1/2019  | 12:55 PM | 22.94  |
| 6/3/2019 | 12:56 PM | 23.65  | 6/1/2019  | 11:55 AM | 29.39  |
| 6/3/2019 | 11:56 AM | 0      | 6/1/2019  | 10:55 AM | 4.45   |
| 6/3/2019 | 10:55 AM | 0.02   | 6/1/2019  | 9:55 AM  | 4.66   |
| 6/3/2019 | 9:55 AM  | 14.85  | 6/1/2019  | 8:55 AM  | 17.58  |
| 6/3/2019 | 8:55 AM  | 7.64   | 6/1/2019  | 7:55 AM  | 0      |
| 6/3/2019 | 7:55 AM  | 23.15  | 6/1/2019  | 6:54 AM  | 0      |
| 6/3/2019 | 6:55 AM  | 1.33   | 6/1/2019  | 5:54 AM  | 0      |
| 6/3/2019 | 5:55 AM  | 1.64   | 6/1/2019  | 4:54 AM  | 0      |
| 6/3/2019 | 4:55 AM  | 0      | 6/1/2019  | 3:54 AM  | 6.6    |
| 6/3/2019 | 3:55 AM  | 0      | 6/1/2019  | 2:54 AM  | 0      |
| 6/3/2019 | 2:55 AM  | 7.24   | 6/1/2019  | 1:54 AM  | 3.36   |
| 6/3/2019 | 1:55 AM  | 3.37   | 6/1/2019  | 12:54 AM | 0      |
| 6/3/2019 | 12:55 AM | 0      | 5/31/2019 | 11:54 PM | 0      |
| 6/2/2019 | 11:55 PM | 0      | 5/31/2019 | 10:54 PM | 11.42  |
| 6/2/2019 | 10:55 PM | 0      | 5/31/2019 | 9:54 PM  | 3.62   |
| 6/2/2019 | 9:55 PM  | 0      | 5/31/2019 | 8:54 PM  | 4.69   |
| 6/2/2019 | 8:55 PM  | 13.71  | 5/31/2019 | 7:54 PM  | 0      |
| 6/2/2019 | 7:55 PM  | 11.11  | 5/31/2019 | 6:54 PM  | 0      |
| 6/2/2019 | 6:55 PM  | 8.05   | 5/31/2019 | 5:54 PM  | 7.97   |
| 6/2/2019 | 5:55 PM  | 2.36   | 5/31/2019 | 4:54 PM  | 14.63  |
| 6/2/2019 | 4:55 PM  | 5.35   | 5/31/2019 | 3:54 PM  | 4.82   |

|           |          |       |           |          |       |
|-----------|----------|-------|-----------|----------|-------|
| 5/31/2019 | 2:54 PM  | 87.51 | 5/29/2019 | 1:53 PM  | 93.12 |
| 5/31/2019 | 1:54 PM  | 88.83 | 5/29/2019 | 12:53 PM | 2.1   |
| 5/31/2019 | 12:54 PM | 0     | 5/29/2019 | 11:53 AM | 19.22 |
| 5/31/2019 | 11:54 AM | 34.94 | 5/29/2019 | 10:53 AM | 4.09  |
| 5/31/2019 | 10:54 AM | 4.55  | 5/29/2019 | 9:53 AM  | 3.99  |
| 5/31/2019 | 9:54 AM  | 5.91  | 5/29/2019 | 8:53 AM  | 21.39 |
| 5/31/2019 | 8:54 AM  | 43.21 | 5/29/2019 | 7:53 AM  | 10.86 |
| 5/31/2019 | 7:54 AM  | 10.09 | 5/29/2019 | 6:53 AM  | 0.2   |
| 5/31/2019 | 6:54 AM  | 12.2  | 5/29/2019 | 5:53 AM  | 0     |
| 5/31/2019 | 5:54 AM  | 0     | 5/29/2019 | 4:53 AM  | 0     |
| 5/31/2019 | 4:54 AM  | 0     | 5/29/2019 | 3:53 AM  | 2.25  |
| 5/31/2019 | 3:54 AM  | 0     | 5/29/2019 | 2:53 AM  | 1.75  |
| 5/31/2019 | 2:54 AM  | 0     | 5/29/2019 | 1:53 AM  | 0     |
| 5/31/2019 | 1:54 AM  | 3.51  | 5/29/2019 | 12:53 AM | 0     |
| 5/31/2019 | 12:54 AM | 0     | 5/28/2019 | 11:53 PM | 0     |
| 5/30/2019 | 11:54 PM | 0     | 5/28/2019 | 10:53 PM | 5.88  |
| 5/30/2019 | 10:54 PM | 15.3  | 5/28/2019 | 9:53 PM  | 0     |
| 5/30/2019 | 9:54 PM  | 13.92 | 5/28/2019 | 8:53 PM  | 3.92  |
| 5/30/2019 | 8:54 PM  | 8.02  | 5/28/2019 | 7:53 PM  | 4.15  |
| 5/30/2019 | 7:54 PM  | 8.05  | 5/28/2019 | 6:53 PM  | 20.76 |
| 5/30/2019 | 6:54 PM  | 2.24  | 5/28/2019 | 5:53 PM  | 13.28 |
| 5/30/2019 | 5:54 PM  | 16.4  | 5/28/2019 | 4:53 PM  | 9.97  |
| 5/30/2019 | 4:54 PM  | 0     | 5/28/2019 | 3:53 PM  | 47.39 |
| 5/30/2019 | 3:54 PM  | 0     | 5/28/2019 | 2:53 PM  | 90.87 |
| 5/30/2019 | 2:54 PM  | 89.82 | 5/28/2019 | 1:53 PM  | 82.08 |
| 5/30/2019 | 1:54 PM  | 93.93 | 5/28/2019 | 12:53 PM | 0     |
| 5/30/2019 | 12:54 PM | 0.79  | 5/28/2019 | 11:53 AM | 13.02 |
| 5/30/2019 | 11:54 AM | 25.45 | 5/28/2019 | 10:53 AM | 21.57 |
| 5/30/2019 | 10:54 AM | 4.3   | 5/28/2019 | 9:53 AM  | 16.17 |
| 5/30/2019 | 9:54 AM  | 4.05  | 5/28/2019 | 8:53 AM  | 9.87  |
| 5/30/2019 | 8:54 AM  | 13.11 | 5/28/2019 | 7:53 AM  | 31.44 |
| 5/30/2019 | 7:54 AM  | 6.78  | 5/28/2019 | 6:53 AM  | 5.27  |
| 5/30/2019 | 6:54 AM  | 4.61  | 5/28/2019 | 5:53 AM  | 0     |
| 5/30/2019 | 5:54 AM  | 3.37  | 5/28/2019 | 4:53 AM  | 3.45  |
| 5/30/2019 | 4:54 AM  | 0     | 5/28/2019 | 3:53 AM  | 0     |
| 5/30/2019 | 3:54 AM  | 0     | 5/28/2019 | 2:53 AM  | 3.35  |
| 5/30/2019 | 2:54 AM  | 0     | 5/28/2019 | 1:53 AM  | 0     |
| 5/30/2019 | 1:54 AM  | 4.4   | 5/28/2019 | 12:53 AM | 0     |
| 5/30/2019 | 12:54 AM | 0     | 5/27/2019 | 11:53 PM | 0     |
| 5/29/2019 | 11:54 PM | 0     | 5/27/2019 | 10:53 PM | 8.86  |
| 5/29/2019 | 10:54 PM | 10.72 | 5/27/2019 | 9:53 PM  | 0.44  |
| 5/29/2019 | 9:54 PM  | 6.08  | 5/27/2019 | 8:53 PM  | 23.52 |
| 5/29/2019 | 8:54 PM  | 22.99 | 5/27/2019 | 7:53 PM  | 47.58 |
| 5/29/2019 | 7:54 PM  | 4.39  | 5/27/2019 | 6:53 PM  | 5.21  |
| 5/29/2019 | 6:54 PM  | 12.51 | 5/27/2019 | 5:53 PM  | 4.02  |
| 5/29/2019 | 5:54 PM  | 17    | 5/27/2019 | 4:53 PM  | 0.15  |
| 5/29/2019 | 4:54 PM  | 5.65  | 5/27/2019 | 3:53 PM  | 0     |
| 5/29/2019 | 3:54 PM  | 11.08 | 5/27/2019 | 2:53 PM  | 78.54 |
| 5/29/2019 | 2:54 PM  | 0     | 5/27/2019 | 1:53 PM  | 82.31 |

|                    |        |                    |       |
|--------------------|--------|--------------------|-------|
| 5/27/2019 12:53 PM | 3.82   | 5/25/2019 11:52 AM | 0     |
| 5/27/2019 11:53 AM | 18.15  | 5/25/2019 10:52 AM | 0     |
| 5/27/2019 10:53 AM | 0      | 5/25/2019 9:52 AM  | 0     |
| 5/27/2019 9:52 AM  | 14.49  | 5/25/2019 8:52 AM  | 0     |
| 5/27/2019 8:52 AM  | 40.26  | 5/25/2019 7:52 AM  | 0     |
| 5/27/2019 7:52 AM  | 34.03  | 5/25/2019 6:52 AM  | 0     |
| 5/27/2019 6:52 AM  | 70.95  | 5/25/2019 5:52 AM  | 0     |
| 5/27/2019 5:52 AM  | 127.41 | 5/25/2019 4:52 AM  | 0     |
| 5/27/2019 4:52 AM  | 132.27 | 5/25/2019 3:52 AM  | 0     |
| 5/27/2019 3:52 AM  | 132.75 | 5/25/2019 2:52 AM  | 0     |
| 5/27/2019 2:52 AM  | 131.48 | 5/25/2019 1:52 AM  | 0     |
| 5/27/2019 1:52 AM  | 28.31  | 5/25/2019 12:52 AM | 0     |
| 5/27/2019 12:52 AM | 0      | 5/24/2019 11:52 PM | 0     |
| 5/26/2019 11:52 PM | 0      | 5/24/2019 10:52 PM | 0     |
| 5/26/2019 10:52 PM | 7.79   | 5/24/2019 9:52 PM  | 0     |
| 5/26/2019 9:52 PM  | 0      | 5/24/2019 8:52 PM  | 0     |
| 5/26/2019 8:52 PM  | 5.65   | 5/24/2019 7:52 PM  | 0     |
| 5/26/2019 7:52 PM  | 53.67  | 5/24/2019 6:52 PM  | 0     |
| 5/26/2019 6:52 PM  | 36.21  | 5/24/2019 5:52 PM  | 0     |
| 5/26/2019 5:52 PM  | 0.12   | 5/24/2019 4:51 PM  | 0     |
| 5/26/2019 4:52 PM  | 15.01  | 5/24/2019 3:51 PM  | 0     |
| 5/26/2019 3:52 PM  | 37.96  | 5/24/2019 2:51 PM  | 0     |
| 5/26/2019 2:52 PM  | 86.58  | 5/24/2019 1:51 PM  | 7.73  |
| 5/26/2019 1:52 PM  | 107.62 | 5/24/2019 12:51 PM | 32.22 |
| 5/26/2019 12:52 PM | 163.39 | 5/24/2019 11:51 AM | 32.93 |
| 5/26/2019 11:52 AM | 4.41   | 5/24/2019 10:51 AM | 8.76  |
| 5/26/2019 10:52 AM | 12.16  | 5/24/2019 9:51 AM  | 5.05  |
| 5/26/2019 9:52 AM  | 6.89   | 5/24/2019 8:51 AM  | 14.46 |
| 5/26/2019 8:52 AM  | 0      | 5/24/2019 7:51 AM  | 6.23  |
| 5/26/2019 7:52 AM  | 23.04  | 5/24/2019 6:51 AM  | 0     |
| 5/26/2019 6:52 AM  | 3.73   | 5/24/2019 5:51 AM  | 0     |
| 5/26/2019 5:52 AM  | 4      | 5/24/2019 4:51 AM  | 0     |
| 5/26/2019 4:52 AM  | 4.65   | 5/24/2019 3:51 AM  | 7.38  |
| 5/26/2019 3:52 AM  | 0      | 5/24/2019 2:51 AM  | 0     |
| 5/26/2019 2:52 AM  | 12.32  | 5/24/2019 1:51 AM  | 3.33  |
| 5/26/2019 1:52 AM  | 0      | 5/24/2019 12:51 AM | 0     |
| 5/26/2019 12:52 AM | 0      | 5/23/2019 11:51 PM | 0     |
| 5/25/2019 11:52 PM | 0      | 5/23/2019 10:51 PM | 3.34  |
| 5/25/2019 10:52 PM | 8.14   | 5/23/2019 9:51 PM  | 8.57  |
| 5/25/2019 9:52 PM  | 0      | 5/23/2019 8:51 PM  | 6.07  |
| 5/25/2019 8:52 PM  | 0      | 5/23/2019 7:51 PM  | 1.77  |
| 5/25/2019 7:52 PM  | 0      | 5/23/2019 6:51 PM  | 0.91  |
| 5/25/2019 6:52 PM  | 5.19   | 5/23/2019 5:51 PM  | 21.51 |
| 5/25/2019 5:52 PM  | 3.77   | 5/23/2019 4:51 PM  | 8.33  |
| 5/25/2019 4:52 PM  | 18.75  | 5/23/2019 3:51 PM  | 0     |
| 5/25/2019 3:52 PM  | 0      | 5/23/2019 2:51 PM  | 12.07 |
| 5/25/2019 2:52 PM  | 0      | 5/23/2019 1:51 PM  | 6.47  |
| 5/25/2019 1:52 PM  | 0      | 5/23/2019 12:51 PM | 10.09 |
| 5/25/2019 12:52 PM | 0      | 5/23/2019 11:51 AM | 8.47  |

|           |          |       |           |          |       |
|-----------|----------|-------|-----------|----------|-------|
| 5/23/2019 | 10:51 AM | 21.36 | 5/21/2019 | 9:50 AM  | 8.23  |
| 5/23/2019 | 9:51 AM  | 27.78 | 5/21/2019 | 8:50 AM  | 13.79 |
| 5/23/2019 | 8:51 AM  | 23.57 | 5/21/2019 | 7:50 AM  | 8.06  |
| 5/23/2019 | 7:51 AM  | 11.81 | 5/21/2019 | 6:50 AM  | 7.98  |
| 5/23/2019 | 6:51 AM  | 0     | 5/21/2019 | 5:50 AM  | 3.39  |
| 5/23/2019 | 5:51 AM  | 0     | 5/21/2019 | 4:50 AM  | 0     |
| 5/23/2019 | 4:51 AM  | 3.98  | 5/21/2019 | 3:50 AM  | 0     |
| 5/23/2019 | 3:51 AM  | 3.34  | 5/21/2019 | 2:50 AM  | 0     |
| 5/23/2019 | 2:51 AM  | 0     | 5/21/2019 | 1:50 AM  | 0     |
| 5/23/2019 | 1:51 AM  | 0     | 5/21/2019 | 12:50 AM | 0     |
| 5/23/2019 | 12:51 AM | 3.34  | 5/20/2019 | 11:50 PM | 1.16  |
| 5/22/2019 | 11:51 PM | 4.47  | 5/20/2019 | 10:50 PM | 0     |
| 5/22/2019 | 10:51 PM | 8.01  | 5/20/2019 | 9:50 PM  | 3.44  |
| 5/22/2019 | 9:51 PM  | 10.84 | 5/20/2019 | 8:50 PM  | 14.58 |
| 5/22/2019 | 8:51 PM  | 12.82 | 5/20/2019 | 7:50 PM  | 4.13  |
| 5/22/2019 | 7:51 PM  | 3.88  | 5/20/2019 | 6:50 PM  | 31.51 |
| 5/22/2019 | 6:51 PM  | 4.65  | 5/20/2019 | 5:50 PM  | 11.25 |
| 5/22/2019 | 5:51 PM  | 15.54 | 5/20/2019 | 4:50 PM  | 8.01  |
| 5/22/2019 | 4:51 PM  | 8.56  | 5/20/2019 | 3:50 PM  | 7.1   |
| 5/22/2019 | 3:51 PM  | 9.25  | 5/20/2019 | 2:50 PM  | 18.16 |
| 5/22/2019 | 2:51 PM  | 4.48  | 5/20/2019 | 1:50 PM  | 0     |
| 5/22/2019 | 1:51 PM  | 0     | 5/20/2019 | 12:50 PM | 28.7  |
| 5/22/2019 | 12:51 PM | 7.68  | 5/20/2019 | 11:50 AM | 15.99 |
| 5/22/2019 | 11:51 AM | 23.85 | 5/20/2019 | 10:50 AM | 7.72  |
| 5/22/2019 | 10:51 AM | 3.32  | 5/20/2019 | 9:50 AM  | 0     |
| 5/22/2019 | 9:51 AM  | 5.38  | 5/20/2019 | 8:50 AM  | 7.18  |
| 5/22/2019 | 8:51 AM  | 20.78 | 5/20/2019 | 7:50 AM  | 24.85 |
| 5/22/2019 | 7:51 AM  | 8.91  | 5/20/2019 | 6:50 AM  | 4.45  |
| 5/22/2019 | 6:51 AM  | 3.4   | 5/20/2019 | 5:50 AM  | 0     |
| 5/22/2019 | 5:51 AM  | 0     | 5/20/2019 | 4:50 AM  | 0     |
| 5/22/2019 | 4:51 AM  | 0     | 5/20/2019 | 3:50 AM  | 3.9   |
| 5/22/2019 | 3:51 AM  | 3.38  | 5/20/2019 | 2:50 AM  | 0     |
| 5/22/2019 | 2:51 AM  | 0     | 5/20/2019 | 1:50 AM  | 3.36  |
| 5/22/2019 | 1:51 AM  | 0.8   | 5/20/2019 | 12:50 AM | 4.59  |
| 5/22/2019 | 12:51 AM | 0     | 5/19/2019 | 11:50 PM | 0     |
| 5/21/2019 | 11:50 PM | 0     | 5/19/2019 | 10:50 PM | 3.84  |
| 5/21/2019 | 10:50 PM | 3.36  | 5/19/2019 | 9:50 PM  | 12.34 |
| 5/21/2019 | 9:50 PM  | 10.86 | 5/19/2019 | 8:50 PM  | 0     |
| 5/21/2019 | 8:50 PM  | 28.57 | 5/19/2019 | 7:49 PM  | 27.99 |
| 5/21/2019 | 7:50 PM  | 0.11  | 5/19/2019 | 6:49 PM  | 32.73 |
| 5/21/2019 | 6:50 PM  | 3.17  | 5/19/2019 | 5:49 PM  | 13.33 |
| 5/21/2019 | 5:50 PM  | 42.1  | 5/19/2019 | 4:49 PM  | 11.09 |
| 5/21/2019 | 4:50 PM  | 9.85  | 5/19/2019 | 3:49 PM  | 9.81  |
| 5/21/2019 | 3:50 PM  | 8.55  | 5/19/2019 | 2:49 PM  | 3.78  |
| 5/21/2019 | 2:50 PM  | 0     | 5/19/2019 | 1:49 PM  | 8.88  |
| 5/21/2019 | 1:50 PM  | 8.18  | 5/19/2019 | 12:49 PM | 13.59 |
| 5/21/2019 | 12:50 PM | 4.29  | 5/19/2019 | 11:49 AM | 0.18  |
| 5/21/2019 | 11:50 AM | 0     | 5/19/2019 | 10:49 AM | 11.51 |
| 5/21/2019 | 10:50 AM | 19.97 | 5/19/2019 | 9:49 AM  | 50.79 |

|           |          |       |           |          |       |
|-----------|----------|-------|-----------|----------|-------|
| 5/19/2019 | 8:49 AM  | 7.24  | 5/17/2019 | 7:49 AM  | 42.44 |
| 5/19/2019 | 7:49 AM  | 0     | 5/17/2019 | 6:49 AM  | 40.75 |
| 5/19/2019 | 6:49 AM  | 1.1   | 5/17/2019 | 5:49 AM  | 0     |
| 5/19/2019 | 5:49 AM  | 0     | 5/17/2019 | 4:49 AM  | 0     |
| 5/19/2019 | 4:49 AM  | 0     | 5/17/2019 | 3:49 AM  | 0     |
| 5/19/2019 | 3:49 AM  | 7.55  | 5/17/2019 | 2:48 AM  | 0     |
| 5/19/2019 | 2:49 AM  | 0     | 5/17/2019 | 1:48 AM  | 3.37  |
| 5/19/2019 | 1:49 AM  | 0     | 5/17/2019 | 12:48 AM | 3.34  |
| 5/19/2019 | 12:49 AM | 8.35  | 5/16/2019 | 11:48 PM | 0     |
| 5/18/2019 | 11:49 PM | 3.86  | 5/16/2019 | 10:48 PM | 4.2   |
| 5/18/2019 | 10:49 PM | 8.64  | 5/16/2019 | 9:48 PM  | 3.73  |
| 5/18/2019 | 9:49 PM  | 7.64  | 5/16/2019 | 8:48 PM  | 0     |
| 5/18/2019 | 8:49 PM  | 4.21  | 5/16/2019 | 7:48 PM  | 27.56 |
| 5/18/2019 | 7:49 PM  | 18.31 | 5/16/2019 | 6:48 PM  | 0     |
| 5/18/2019 | 6:49 PM  | 0     | 5/16/2019 | 5:48 PM  | 0     |
| 5/18/2019 | 5:49 PM  | 24.18 | 5/16/2019 | 4:48 PM  | 15.47 |
| 5/18/2019 | 4:49 PM  | 3.39  | 5/16/2019 | 3:48 PM  | 7.43  |
| 5/18/2019 | 3:49 PM  | 7.59  | 5/16/2019 | 2:48 PM  | 0     |
| 5/18/2019 | 2:49 PM  | 19.26 | 5/16/2019 | 1:48 PM  | 5.73  |
| 5/18/2019 | 1:49 PM  | 17.61 | 5/16/2019 | 12:48 PM | 3.94  |
| 5/18/2019 | 12:49 PM | 0.89  | 5/16/2019 | 11:48 AM | 11.07 |
| 5/18/2019 | 11:49 AM | 34.22 | 5/16/2019 | 10:48 AM | 37.8  |
| 5/18/2019 | 10:49 AM | 32.56 | 5/16/2019 | 9:48 AM  | 14.25 |
| 5/18/2019 | 9:49 AM  | 8.13  | 5/16/2019 | 8:48 AM  | 13.74 |
| 5/18/2019 | 8:49 AM  | 4.83  | 5/16/2019 | 7:48 AM  | 18.86 |
| 5/18/2019 | 7:49 AM  | 9.06  | 5/16/2019 | 6:48 AM  | 5.02  |
| 5/18/2019 | 6:49 AM  | 0     | 5/16/2019 | 5:48 AM  | 0     |
| 5/18/2019 | 5:49 AM  | 0     | 5/16/2019 | 4:48 AM  | 0     |
| 5/18/2019 | 4:49 AM  | 0     | 5/16/2019 | 3:48 AM  | 0     |
| 5/18/2019 | 3:49 AM  | 6.76  | 5/16/2019 | 2:48 AM  | 3.33  |
| 5/18/2019 | 2:49 AM  | 0     | 5/16/2019 | 1:48 AM  | 0     |
| 5/18/2019 | 1:49 AM  | 0     | 5/16/2019 | 12:48 AM | 0     |
| 5/18/2019 | 12:49 AM | 0     | 5/15/2019 | 11:48 PM | 0     |
| 5/17/2019 | 11:49 PM | 6.9   | 5/15/2019 | 10:48 PM | 7.64  |
| 5/17/2019 | 10:49 PM | 35.02 | 5/15/2019 | 9:48 PM  | 6.65  |
| 5/17/2019 | 9:49 PM  | 0     | 5/15/2019 | 8:48 PM  | 4.85  |
| 5/17/2019 | 8:49 PM  | 11.94 | 5/15/2019 | 7:48 PM  | 32.14 |
| 5/17/2019 | 7:49 PM  | 63.28 | 5/15/2019 | 6:48 PM  | 0     |
| 5/17/2019 | 6:49 PM  | 46.51 | 5/15/2019 | 5:48 PM  | 12.47 |
| 5/17/2019 | 5:49 PM  | 11.93 | 5/15/2019 | 4:48 PM  | 11.55 |
| 5/17/2019 | 4:49 PM  | 0     | 5/15/2019 | 3:48 PM  | 12.34 |
| 5/17/2019 | 3:49 PM  | 13.76 | 5/15/2019 | 2:48 PM  | 4.17  |
| 5/17/2019 | 2:49 PM  | 4.98  | 5/15/2019 | 1:48 PM  | 0     |
| 5/17/2019 | 1:49 PM  | 7.33  | 5/15/2019 | 12:48 PM | 0     |
| 5/17/2019 | 12:49 PM | 12.34 | 5/15/2019 | 11:48 AM | 29    |
| 5/17/2019 | 11:49 AM | 4.03  | 5/15/2019 | 10:48 AM | 4.68  |
| 5/17/2019 | 10:49 AM | 7.63  | 5/15/2019 | 9:48 AM  | 11.1  |
| 5/17/2019 | 9:49 AM  | 21.67 | 5/15/2019 | 8:48 AM  | 12.48 |
| 5/17/2019 | 8:49 AM  | 7.24  | 5/15/2019 | 7:48 AM  | 27.82 |

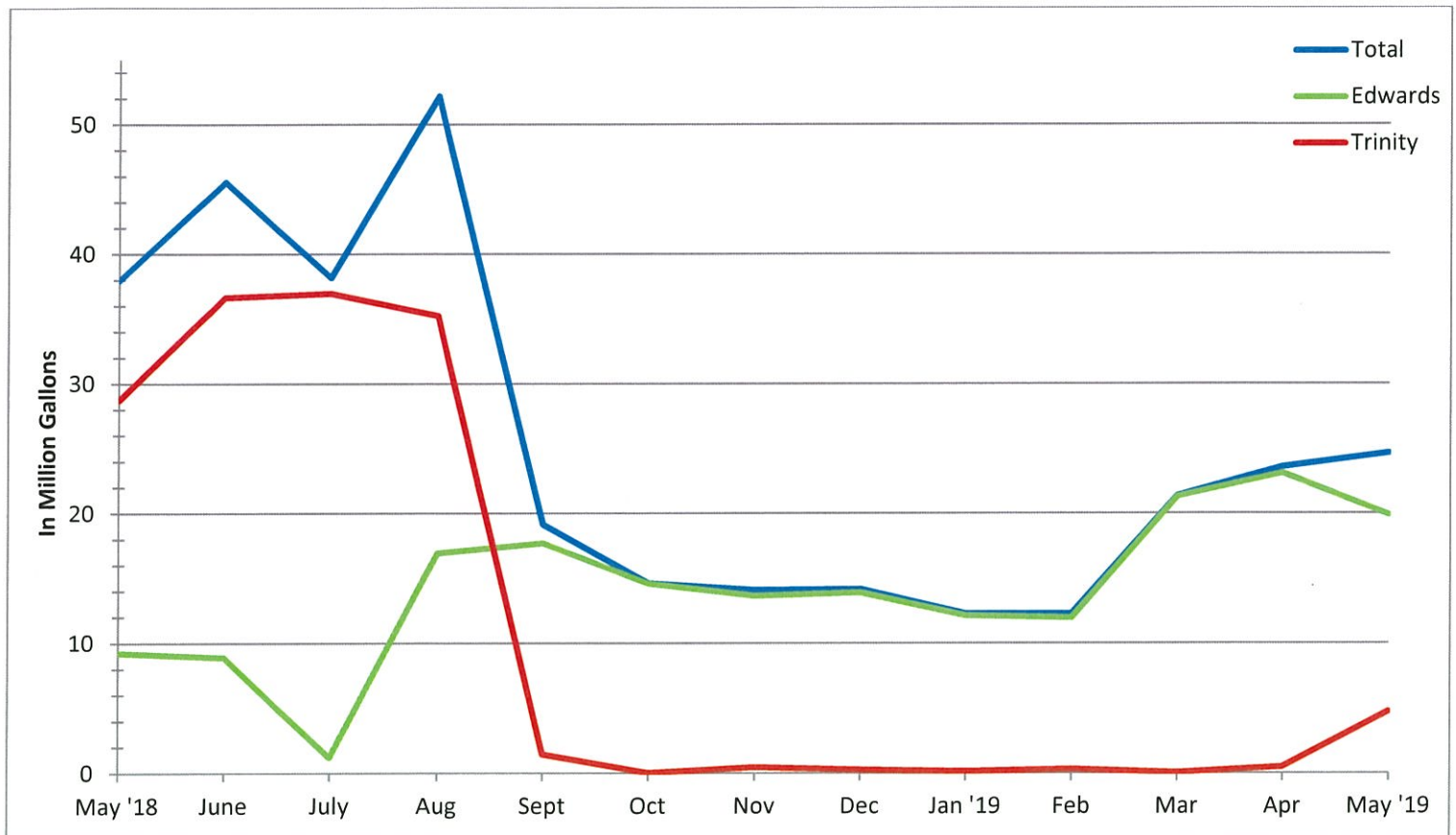
|           |          |       |                   |                 |       |
|-----------|----------|-------|-------------------|-----------------|-------|
| 5/15/2019 | 6:48 AM  | 1.52  | 5/13/2019         | 5:47 AM         | 9.79  |
| 5/15/2019 | 5:48 AM  | 3.35  | 5/13/2019         | 4:47 AM         | 24.3  |
| 5/15/2019 | 4:48 AM  | 0     | 5/13/2019         | 3:47 AM         | 7.02  |
| 5/15/2019 | 3:48 AM  | 0     | 5/13/2019         | 2:47 AM         | 7.06  |
| 5/15/2019 | 2:48 AM  | 0     | 5/13/2019         | 1:47 AM         | 7.1   |
| 5/15/2019 | 1:48 AM  | 0     | 5/13/2019         | 12:47 AM        | 11.21 |
| 5/15/2019 | 12:48 AM | 0     |                   |                 |       |
| 5/14/2019 | 11:48 PM | 0     |                   |                 |       |
| 5/14/2019 | 10:48 PM | 0     |                   |                 |       |
| 5/14/2019 | 9:48 PM  | 6.65  |                   |                 |       |
| 5/14/2019 | 8:48 PM  | 4.69  |                   |                 |       |
| 5/14/2019 | 7:48 PM  | 20.19 |                   |                 |       |
| 5/14/2019 | 6:48 PM  | 0     |                   |                 |       |
| 5/14/2019 | 5:48 PM  | 3.85  |                   |                 |       |
| 5/14/2019 | 4:48 PM  | 11.67 |                   |                 |       |
| 5/14/2019 | 3:48 PM  | 23.98 |                   |                 |       |
| 5/14/2019 | 2:48 PM  | 0.78  |                   |                 |       |
| 5/14/2019 | 1:48 PM  | 29.71 |                   |                 |       |
| 5/14/2019 | 12:48 PM | 14.48 |                   |                 |       |
| 5/14/2019 | 11:48 AM | 10.89 |                   |                 |       |
| 5/14/2019 | 10:48 AM | 0     |                   |                 |       |
| 5/14/2019 | 9:47 AM  | 18.19 | Earliest          | 5/13/2019 0:47  |       |
| 5/14/2019 | 8:47 AM  | 20.3  | Latest            | 6/12/2019 12:59 |       |
| 5/14/2019 | 7:47 AM  | 17.5  | Total Consumption | 7,110.31        |       |
| 5/14/2019 | 6:47 AM  | 20.8  |                   |                 |       |
| 5/14/2019 | 5:47 AM  | 7.07  |                   |                 |       |
| 5/14/2019 | 4:47 AM  | 7.11  |                   |                 |       |
| 5/14/2019 | 3:47 AM  | 7.09  |                   |                 |       |
| 5/14/2019 | 2:47 AM  | 7.1   |                   |                 |       |
| 5/14/2019 | 1:47 AM  | 7.09  |                   |                 |       |
| 5/14/2019 | 12:47 AM | 10.47 |                   |                 |       |
| 5/13/2019 | 11:47 PM | 5.56  |                   |                 |       |
| 5/13/2019 | 10:47 PM | 2.38  |                   |                 |       |
| 5/13/2019 | 9:47 PM  | 0     |                   |                 |       |
| 5/13/2019 | 8:47 PM  | 17.61 |                   |                 |       |
| 5/13/2019 | 7:47 PM  | 15.43 |                   |                 |       |
| 5/13/2019 | 6:47 PM  | 52.75 |                   |                 |       |
| 5/13/2019 | 5:47 PM  | 11.63 |                   |                 |       |
| 5/13/2019 | 4:47 PM  | 31.64 |                   |                 |       |
| 5/13/2019 | 3:47 PM  | 10.66 |                   |                 |       |
| 5/13/2019 | 2:47 PM  | 7.04  |                   |                 |       |
| 5/13/2019 | 1:47 PM  | 7.17  |                   |                 |       |
| 5/13/2019 | 12:47 PM | 19.26 |                   |                 |       |
| 5/13/2019 | 11:47 AM | 19.78 |                   |                 |       |
| 5/13/2019 | 10:47 AM | 23.22 |                   |                 |       |
| 5/13/2019 | 9:47 AM  | 23.17 |                   |                 |       |
| 5/13/2019 | 8:47 AM  | 0     |                   |                 |       |
| 5/13/2019 | 7:47 AM  | 10.27 |                   |                 |       |
| 5/13/2019 | 6:47 AM  | 7.36  |                   |                 |       |



## Water Department Report

As of May 31, 2019

### City of Garden Ridge Well Usage

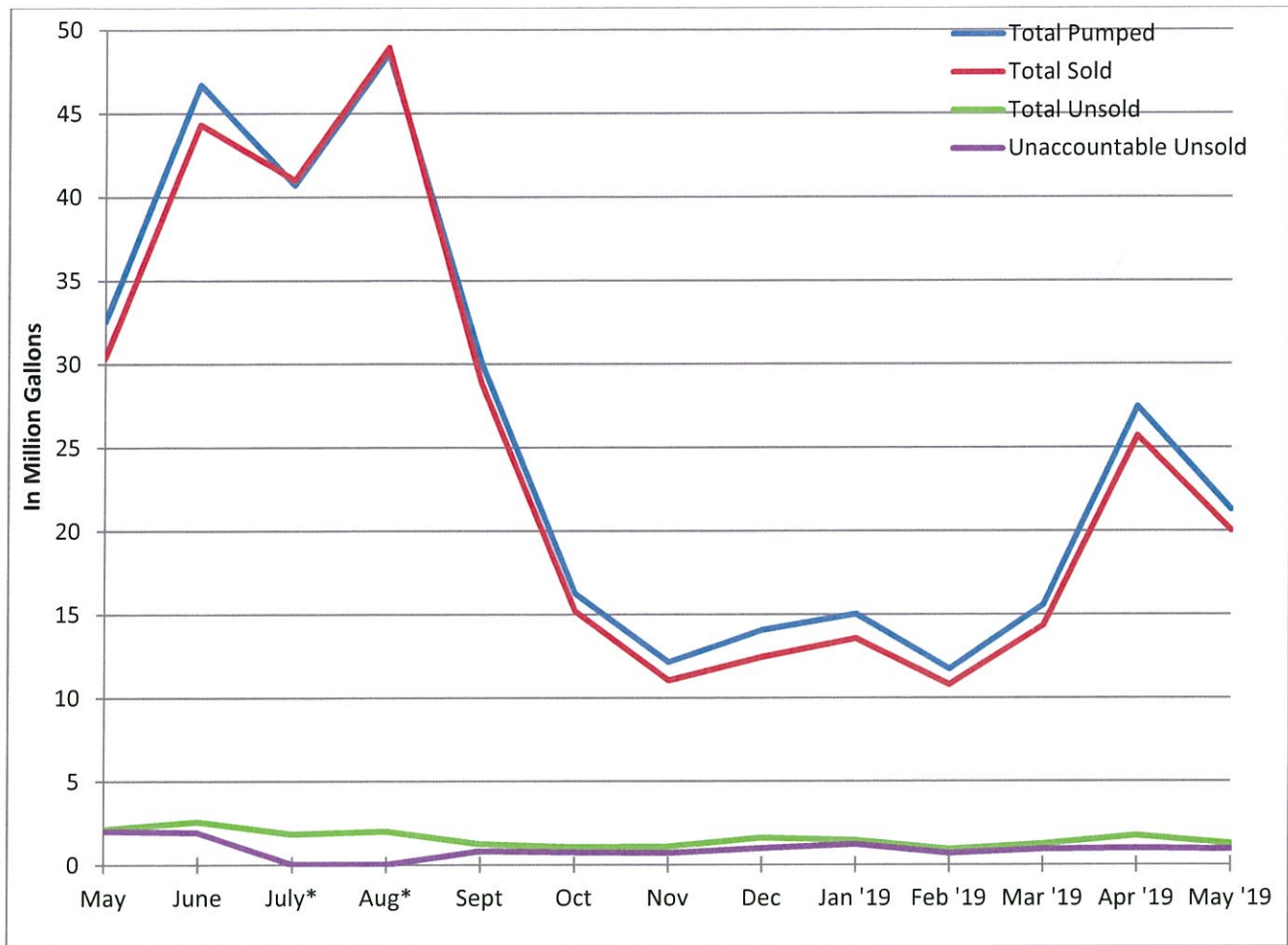


|                           | Month: | Year:  | Available: | Stage: |
|---------------------------|--------|--------|------------|--------|
| Edwards Well Usage AC/FT: | 61.01  | 200.35 | 511.94     | 0      |
| Trinity Well Usage AC/FT: | 14.61  | 16.16  | N/A        | - 0%   |

### Water Quality

|                         | Due: | Missed: | Passed: | Failed: |
|-------------------------|------|---------|---------|---------|
| Bacteriological:        | 6    | 0       | 6       | 0       |
| Raw:                    | 4    | 0       | 4       | 0       |
| Chlorine Residual Test: | 31   | 0       | 31      | 0       |

## 2018 – 2019 Pumping Report



|                | Total Pumped<br>(Thousands) | Total Sold<br>(Thousands) | Total Unsold<br>(Thousands) | Unaccountable<br>Unsold<br>(Thousands) | Unaccountable<br>Unsold % |
|----------------|-----------------------------|---------------------------|-----------------------------|----------------------------------------|---------------------------|
| <b>May '18</b> | 32,555                      | 30,405                    | 2,150                       | 2,026                                  | 6.2%                      |
| <b>June</b>    | 46,719                      | 44,332                    | 2,587                       | 1,939                                  | 4.2%                      |
| <b>July*</b>   | 40,697                      | 41,002                    | 1,842                       | 26                                     | 0.1%                      |
| <b>Aug*</b>    | 48,604                      | 48,945                    | 2,009                       | 26                                     | 0.1%                      |
| <b>Sept</b>    | 30,118                      | 28,871                    | 1,247                       | 820                                    | 2.7%                      |
| <b>Oct</b>     | 16,256                      | 15,198                    | 1,058                       | 749                                    | 4.6%                      |
| <b>Nov</b>     | 12,153                      | 11,057                    | 1,096                       | 703                                    | 5.8%                      |
| <b>Dec</b>     | 14,073                      | 12,447                    | 1,626                       | 998                                    | 7.1%                      |
| <b>Jan '19</b> | 15,035                      | 13,556                    | 1,479                       | 1,228                                  | 8.2%                      |
| <b>Feb '19</b> | 11,738                      | 10,795                    | 943                         | 691                                    | 5.9%                      |
| <b>Mar '19</b> | 15,572                      | 14,324                    | 1,248                       | 937                                    | 6.0%                      |
| <b>Apr '19</b> | 27,464                      | 25,712                    | 1,752                       | 985                                    | 3.6%                      |
| <b>May '19</b> | 21,278                      | 20,016                    | 1,262                       | 899                                    | 4.2%                      |

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

## Water Department Monthly Activities:

|                      |       |                            |    |
|----------------------|-------|----------------------------|----|
| New Meter Installs   | 1     | Work Orders                | 50 |
| Meter Replacements   | 2     | Locates                    | 39 |
| City Owned Leaks     | 3     | Irrigations Permits Issued | 2  |
| Meters Read May 2019 | 1,645 | Total Rebates              | 0  |

### Maintenance:

- Vehicle Inspections
- Generator Inspections
- Pump & Motor Inspections

### Projects:

- Implementing Field Force Management for more efficient everyday operations.
- Fire Extinguishers put in MCC rooms at all well sites.
- Fixed 2 Fire Hydrants

### Employee Updates:

This month we had a fire hydrant repair education training which resulted in two fire hydrants being rebuilt in house. Water Master came out and taught us how to rebuild and maintain their brand of fire hydrants leaving tools for us to use in such cases. The team is working well together to take care of the everyday tasks and they are open to learning new things. I am very proud of them.

### 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%                |

# June 25, 2019

## Regular Meeting

### Agenda deadlines:

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

- |                                |            |                                                                                                                                                                                                         |
|--------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>14</b> days before Meetings | (07/09/19) | Water Commission and Staff items are due                                                                                                                                                                |
| <b>11</b> days before Meetings | (07/12/19) | Water Commission Chair review agenda. <ul style="list-style-type: none"> <li>• City Attorney is sent the agenda to approval</li> </ul>                                                                  |
| <b>7</b> days before Meetings  | (07/16/19) | Post Agenda on bulletin board <ul style="list-style-type: none"> <li>• Water Commission will receive packet (allowing a day and half for corrections and additional information to be added)</li> </ul> |
| <b>5</b> days before Meetings  | (07/18/19) | Post Agenda Packet to City Website @ noon                                                                                                                                                               |
| <b>4</b> days before Meetings  | (07/19/19) | (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
  - a. Presentation from Commissioner Holloway
8. City Council Update
9. Ordinance No. 210-022018
10. Future Agenda Items
  - b. Set next meeting (if necessary) June 25, 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               | P               |                 |
| Bullard     | P               | A               | P               | P               | P               | P               | P               | P               | P               | P               | P               | P               |                 |
| Valdez      |                 |                 |                 |                 | P               | P               | P               | P               | P               | P               | P               | P               |                 |
| Haltaman    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Holloway    | P               | P               | P               | P               | P               | P               | P               | P               | A               | A               | P               | P               |                 |
| Harshbarger | P               | P               | P               | P               | P               | P               | P               | P               | P               | A               | P               | 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 | 02/06/19 | 03/06/19 | 04/03/19 | 05/01/19 | 06/05/19 | 07/03/19 | 08/07/19 | 09/04/19 | 10/02/19 | 11/06/19 | 12/04/19 | Total for<br>year |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------------|
| Heier       | P        | P        |          | P        | P        | P        |          |          |          |          |          |          | 5                 |
| Bullard     |          |          |          | P        |          |          |          |          |          |          |          |          | 1                 |
| Valdez      | P        | P        | P        | P        | P        | P        |          |          |          |          |          |          | 6                 |
| Haltaman    |          |          |          |          |          | P        |          |          |          |          |          |          | 1                 |
| Holloway    |          | P        |          |          |          | P        |          |          |          |          |          |          | 2                 |
| Harshbarger |          |          |          |          |          |          |          |          |          |          |          |          | 0                 |

|  |                     |
|--|---------------------|
|  | Met requirement     |
|  | Not met requirement |