



City of Garden Ridge

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

AGENDA
CITY WATER COMMISSION
REGULAR MEETING
TUESDAY, OCTOBER 23, 2018, 6:00 P.M.

The City Water Commission will meet in a regular meeting at 6:00 p.m., Tuesday, October 23, 2018, in the City Council Chambers, 9400 Municipal Parkway, Garden Ridge, Texas. This is an open meeting, open to the public, subject to the Open Meetings Law of the State of Texas, and as required by law, notice is hereby posted on October 19, 2018 before 5:00 p.m., providing time, place, date and agenda thereof. The meeting facility is wheelchair accessible and accessible parking spaces are provided. Requests for accommodations or interpretive services must be made 48 hours prior to this meeting.

1. **Call to Order**
2. **Roll Call**
3. **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 Commission is limited to either a statement of specific factual information or a recitation of existing policy.*
TEX. GOV'T CODE § 551.042.

5. Business Items

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

- a) Approvals
 - i. Minutes for September 25, 2018, Water Commission Regular Meeting.
- b) Recommendations
 - i. Receive recommendations and consideration of appointment of Water Commission Chair and Vice Chair for a one-year term.
 - ii. Request for reimbursement and/or water bill adjustment for 9622 Primrose.
 - 1. Review and make a recommendation to City Council regarding the bill.
 - iii. Request for water bill adjustment for 8026 Garden North Drive for billing period of July 23, 2018 – August 23, 2018.
 - 1. Review and make a recommendation to City Council regarding the bill.
- c) Updates/ Reviews
 - i. Update on Water Rate Study.
- d) Discussions/Reports
 - i. Water Manager Monthly Activity Report
Water pumping/usage from City wells, Water system infrastructure maintenance, repairs and/or projects, and Water and/or Drought Management (current Watering Stage).
 - ii. Education/Training Sessions.
 - 1. Tour City well sites with Water Manager (Heier).
 - 2. Discuss and provide directions on future education or training sessions.
 - iii. Items discussed at the October 3, 2018, City Council Regular Meeting.
 - iv. Discussion on Water Commission future activities and projects.
 - v. Discussion of Future Agenda Items
 - 1. Commissioners input on agenda items.
 - 2. Announce date, time and location for next meeting (November 27, 2018, at 6 p.m. in City Hall – City Council Chambers).

6. **Citizen's Participation: - 20 minute limit 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 Council Authorized:

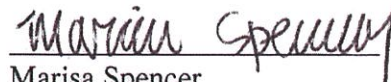
The Commission may vote or act upon any item within this Agenda. The Commission reserves the right to adjourn into closed session at any time during the course of this meeting to discuss any of the matters listed above, as authorized by Title 5, Chapter 551, of the Texas Government Code.

Executive Sessions Authorized:

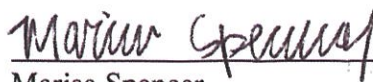
This agenda has been reviewed and approved by the City's legal counsel and the presence of any subject in any Executive Session portion of the agenda constitutes a written interpretation of Texas Government Code Chapter 551 by legal counsel for the governmental body and constitutes an opinion by the 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.


Marisa Spencer
Interim City Secretary

This is to certify that I, Marisa Spencer, posted this Agenda at 9:00 a.m. October 17, 2018, on the bulletin board located at the entrance to the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas.


Marisa Spencer
Interim City Secretary



City of Garden Ridge

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

MINUTES
CITY WATER COMMISSION REGULAR MEETING
TUESDAY, SEPTEMBER 25, 2018, 6:00 P.M.

Commissioners Present:

Chair David Heier
Vice-Chair Richard Holloway
Commissioner Andre Bullard
Commissioner Keven Harschbarger
Commissioner Ray Pitzen
Mayor Larry Thompson, Ex-officio

Commissioners Absent:

Vacant position

City Staff Present:

Nancy Cain, City Administrator
Marisa Spencer, Assistant City Secretary
Kat Balbi, Utility Clerk
Royce Goddard, Water Manager
Brad Olivarri, Deputy Water Manager

Other Appointed or Elected Officials in Attendance:

Councilmember Kay Bower
Dr. Jim Miller, Chair, Planning and Zoning Commission

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 6:00 p.m. on Tuesday, September 25, 2018, 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.

Chair Heier stated the Commission was going to begin with agenda item d) ii. Education/Training Sessions and receive the Edwards Aquifer Authority Presentation first.

ii. Education/Training Sessions.

1. Edwards Aquifer Authority Presentation by Roland Ruiz, General Manager.

Roland Ruiz, General Manager, reviewed the Edwards Aquifer Authority Presentation and presented an overview of their services. After the presentation, he addressed the Commissioner's additional questions.

5. Business Items

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

a) Approvals

i. Minutes for July 24, 2018, Water Commission Regular Meeting.

Motion: A motion was made by Commissioner Bullard, seconded by Commissioner Pitzen, to approve the minutes of July 24, 2018, Water Commission Regular Meeting. The Water Commission voted four (4) for and none (0) opposed. The motion carried unanimously.

b) Recommendations

i. Expiring terms (September 30, 2018) of Commissioners (Commissioners Bullard and Pitzen).

Commissioner Bullard and Commissioner Pitzen both stated they would like to continue serving on the Commission.

1. Recommendation to City Council for consideration of reappointment.

Motion: A motion was made by Commissioner Harschbarger, seconded by Commissioner Holloway, to recommend to City Council the reappointment of Commissioners Bullard and Pitzen to serve another term. The Water Commission voted four (4) and none (0) opposed. The motion carried unanimously.

ii. City Water Commission Place 3 vacancy (term expiring September 30, 2020).

1. Interview possible candidate/candidates.

The Commission interviewed Jesus Valdez for the City Water Commission Place 3 vacancy. Jesus Valdez reviewed his resume with the Commission and answered further questions from Commissioners.

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

Motion: A motion was made by Commissioner Holloway, seconded by Commissioner Bullard, to recommend to City Council the appointment of Jesus Valdez to the City Water Commission Place 3 vacancy with term expiring September 30, 2020.

c) Updates/ Reviews

i. Update on Water Rate Study.

Mayor Thompson stated they are still waiting for the Water Rate Study and should have it before the next meeting.

d) Discussions/Reports

iii. Water Manager Monthly Activity Report

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

Royce Goddard, Water Manager, reviewed the monthly activity report provided to the Commission (see attached).

iv. Education/Training Sessions.

1. Edwards Aquifer Authority Presentation by Roland Ruiz, General Manager.

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

The Commission discussed obtaining more information on Edwards Aquifer Authority conversation programs and looking into an education session from Comal Trinity Groundwater Conservation District.

v. Items discussed at the August 1, 2018, and September 5, 2018, City Council Regular Meetings.

Nancy Cain, City Administrator, stated City Council denied Mr. Ha's request at the August meeting. She further stated that no items regarding the Water Commission were discussed at the September meeting.

vi. Discussion on Water Commission future activities and projects (Mayor Thompson).

Mayor Thompson discussed empowering the Water Commission and the need for future activities and projects (see attached).

vii. Resident inquiry regarding Water Commission's leak adjustment policy.

Mayor Thompson stated he received a resident inquiry regarding the Water Commission's leak adjustment policy. Mayor Thompson stated he attempted to contact the resident via phone and email and did not receive a response; therefore, he wanted to provide this information to the Commission to make them aware.

viii. Discussion of Future Agenda Items

The Commission discussed each Commissioner creating a priority list regarding the projects and activities they are interested in as they relate to the Mayor's discussion on future activities and projects. The Commission also discussed coming up with some dates for Royce Goddard, Water Manager, to give them tours of the well sites.

1. Announce date, time and location for next meeting (October 23, 2018, at 6 p.m. in City Hall – City Council Chambers).

Chair Heier announced the next Water Commission Regular Meeting will be held on Tuesday, October 23, 2018, at 6:00 p.m. in City Hall – City Council Chambers.

6. Citizen's Participation: - 20 minute limit total.

No one wished to speak.

7. Adjournment

Motion: A motion was made by Commissioner Bullard, seconded by Commissioner Pitzen, to adjourn the meeting. The Water Commission voted four (4) and none (0) opposed. The motion carried unanimously. There being no further business the Tuesday, September 25, 2018, Water Commission Regular Meeting was adjourned at 7:59 p.m. by Chair Heier.

David Heier
Chair

ATTEST:

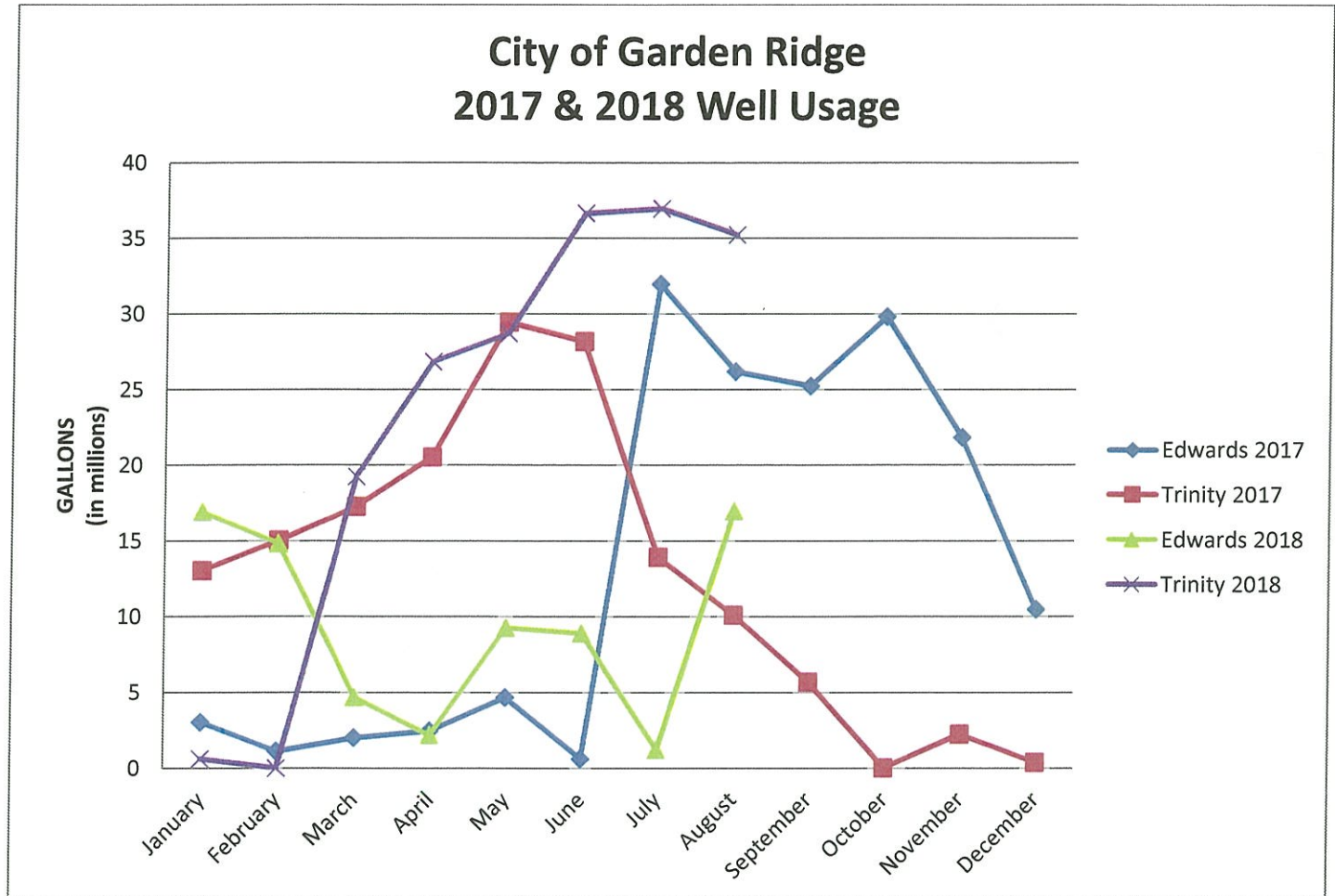
Marisa Spencer
Interim City Secretary



Water Department Report

As of August 31, 2018

2017 & 2018 City of Garden Ridge Well Usage



As of August 31, 2018:

Edwards Wells – 16,958,000 Gallons (52.04 acre feet) have been used.

Trinity Well – 35,229,000 Gallons (108.11 acre feet) have been used.

The City of Garden Ridge has a total of 681.767 acre feet of Edwards Permits. Current amount pumped is 229.811 acre feet, leaving 397.415 acre feet available to pump after EAA reductions. EAA is currently in Drought Stage 2 -30% allotted usage. Currently the City of Garden Ridge is not in an EAA Drought Stage.

2018 Edwards Permits

Type of Permit	TCEQ Permit #	EAA Permit #	Acre Feet
Allocated	CO 00139	P100-767	511.951
Purchased	BE 00109I	P100-327	2.000
Purchased	ME 00417D	P101-185	1.301
Purchased	ME 00479I	P101-315	3.895
Purchased	UV 00437I	P101-699	2.000
Purchased	UV 00461I	P101-752	4.000
Purchased	UV 00478I	P101-801	2.000
Purchased	UV 00537H	P101-959	2.000
Purchased	UV 00576I	P102-040	14.000
Purchased	UV 00630G	P102-146	1.760
Purchased	BE 00081AE	P100-200	62.000
Transfer	CO 00119AA	P102-564	0.660
Transfer		P103-312	4.500
Transfer		P102-416	2.000
Lease	Lloyd Loehman	P107-429	3.000
Lease	M. Friesenhahn	P100-745	65.000
Lease	BVFD	CO 00139	P108-644
			-0.300
Total			681.767

Monthly Averages as of August 31, 2018

Average usage per connection	32,095.32 gallons*
Average usage per day	1,683,451.6 gallons*

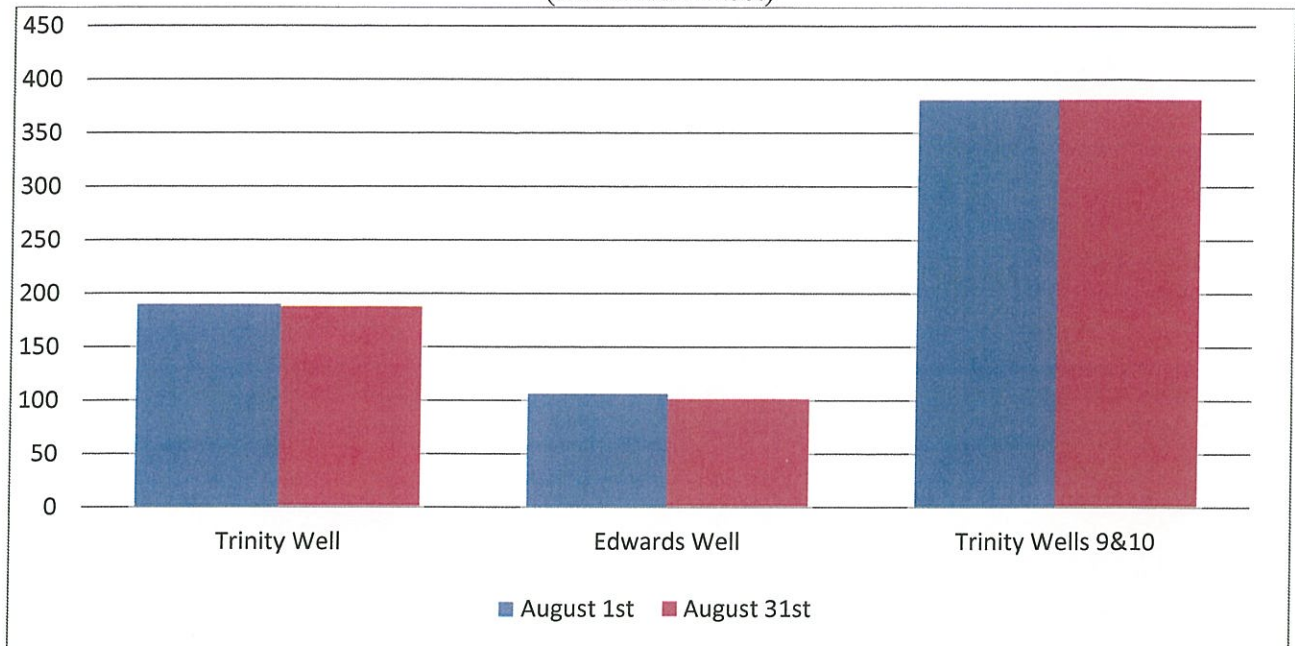
	Year to date for 2018	2017
Water Connections	1,631	1,610

Well Maintenance Schedules

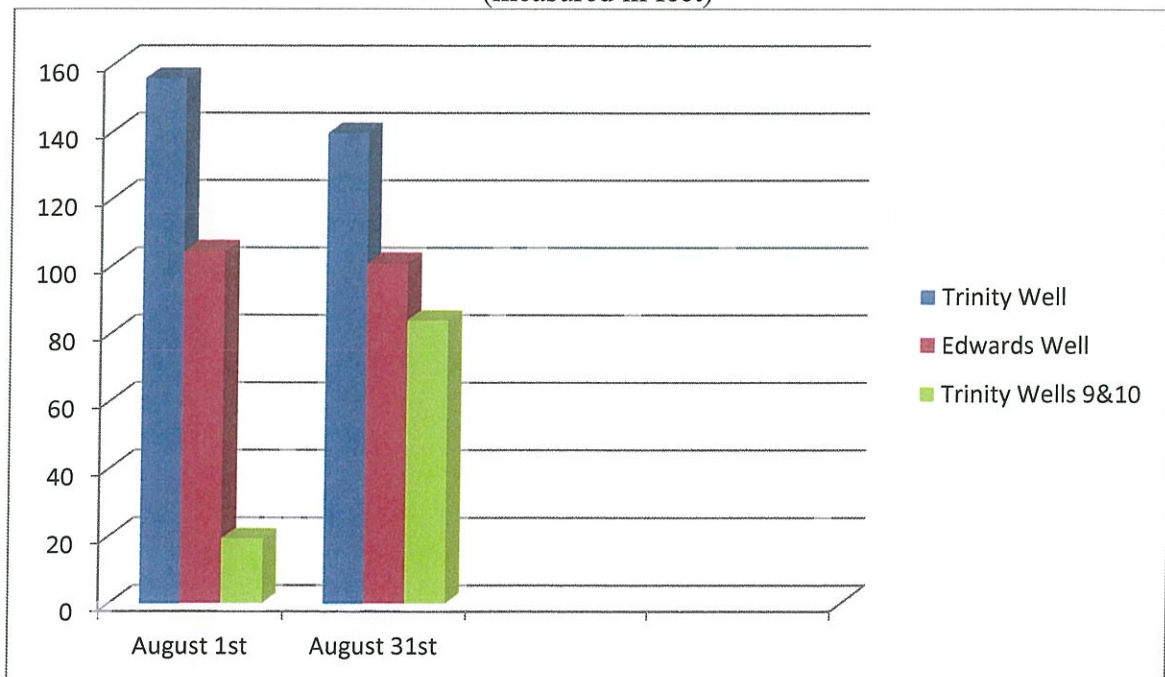
Location of well	Last maintenance preformed	Maintenance based on time or installed	Last test run
F.M. 2252 Edwards Well 5	May 2018	Time	June 2016
F.M. 2252 Edwards Well 7	May 2018	Time	May 2017
Timber Rose Edwards Well 2	May 2005	Time	May 2016
Timber Rose Edwards Well 4	May 2005	Time	May 2016
Elevated Trinity Well 8	August 2017	Time	June 2016
F.M. 3009 Trinity Well 9	August 2017	Installed	April 2018
F.M. 3009 Trinity Well 10	August 2017	Installed	April 2018

Monthly Well Progress

Static Levels (Well Motors Off)
(measured in feet)



Pumping Levels (Well Motors Running)
(measured in feet)



Water Department Monthly Activities:

Water		Plumbing	
New Meter Installations	6	Sewer Rough-in. #3	6
Meter Replacement	1	Plumbing Rough-in. #6	4
Main Breaks	0	Water Main to House. #8A	6
Service Line Replacement	0	Final House Inspection #9	4
Service Line Leak Repair	3	Irrigation System Inspections.	5
Fire Hydrant Maintenance	5	Water Heater Safety Inspection	3
Leak Adjustment	0	Toilet Rebates	3
Meters Read August 23,2018	1,631	Washing Machine Rebates	0
Work Orders	127		

Projects:

- 2016 CIP: FM 3009 Well Site on line
- Working to improve the Water Department work order and workflow system to assist with making the day to day operations more efficient.
- Substantial Completion for Naco Loop waterline.
- TCEQ and EAA water samples completed.

Type of Report	Due Date	Date Submitted
Daily Well/Max EAA Usage/Total Usage	Daily	Run daily
Monthly Well Totals/State Report/ Water Loss	By 5 th of following month	August 2, 2018
EAA Drought Condition Monthly Report	By 10 th of following month	August 2, 2018
Monthly Bacteriological Samples	Monthly 1 st – 7 th	August 3, 2018
Water Commission Report	2 weeks prior to meeting	March 13, 2018
City Council Meeting Report	2 weeks prior to meeting	August 1, 2018
DLQOR 1 st Quarter	April 10 th of current year	April 3,2018
DLQOR 2 nd Quarter	July 10 th of current year	July 2, 2018
DLQOR 3 rd Quarter	October 10 th of current year	
DLQOR 4 th Quarter	January 10th of following year	January 10, 2018
CCTGWCD 1 st Quarter	April 10 th of current year	April 3, 2018
CCTGWCD 2 nd Quarter	July 10 th of current year	July 2, 2018
CCTGWCD 3 rd Quarter	October 10 th of current year	
CCTGWCD 4 th Quarter	January 10th of following year	January 10, 2018
EAA Annual Meter Report	January 31 st of current year	January 25, 2018
TWBD Annual Water Survey	March 1 st of current year	January 31, 2018
EAA Groundwater Conservation Plan	March 31 st , 2018 Due every 3 years	March 28, 2018
TWDB Annual Water Loss Audit	May 1 st of current year	April 24, 2018
Annual Consumer Confidence Repot	July 1 st of current year	June 30, 2018
Lead & Copper Samples	June – September 2019 Due every 3 years	

CCTGWCD=Comal County Trinity Groundwater Conservation District

DLQOR=Disinfectant Level Quarterly Operating Report

EAA=Edwards Aquifer Authority

TWBD=Texas Water Development Board

Employee Updates:



City of Garden Ridge
Water Commission

Proposed Commission Projects
for the future of
Garden Ridge's Water System

Larry Thompson
September 25, 2018



Garden Ridge Water Commission

As our Water Company Advisory Board,
the Commission should have a stronger role in the
"Business" of the Water Company...



Why These Projects?

- Address current issues
 - Cease operating under a loss (\$145K in 2017, \$226K in 2016)
 - Ensure infrastructure assurance and investment
 - Critical to reliability, public's expectations and fiscal health
 - Address old(er) and outdated operations paradigms
 - Refine source acquisitions and management decisions
 - Determine appropriate water rates
- Rework Ordinances
- Provide strategic direction
 - Address all above to determine budgets / resource allocations
- Leverage talent and experience of the Commission



Project Categories

1. Infrastructure Health & Maintenance
2. Governance and Procedures
3. Source / Supply Management
4. Strategic Planning...



Infrastructure Health & Maintenance

- Work with Water Manager
 - Examine Infrastructure Health
 - Well, pumps, lines, etc.
 - Maintenance, inspections and testing
 - Equipment and supplies
 - Historical analysis
 - Provide oversight on schedules and budgets (recurring)
- Input findings into Strategic Planning



Governance and Procedures

- Ordinances
 - Operations, Plans and Fees
 - Leak adjustment standards and process
- Water Rates
 - Based on Rate Study and Infrastructure Analysis
 - Fiscally responsible and competitive
 - Encourage conservation / Manage demand
- Revise and plan to periodically review ordinances



Source / Supply Management

- Examine Sources
 - Quantity, reliability, cost and future of each
 - Sources management
 - Pre-paid vs. pay as used
 - Potential to save funds and/or recover costs
- Examine Demand
 - Seasonal and Episodic, Historic and Predictive
- Effective & efficient management = fiscal health



Strategic Planning

- Fuse analyses
 - Infrastructure Health & Maintenance
 - Governance and Procedures
 - Source / Supply Management
- Help guide resource allocation
- Provide Budget input in Spring w/periodic updates
- Update as appropriate



Suggested Way Forward

- Break into working groups in appropriate areas
 - Determine Goals / Objectives / Milestones
 - Coordinate with Staff
- Schedule prog reports & deliveries to Commission
- Put together into Comprehensive Plan
- Deliver to Council
- Schedule "field trips" with Water Manager
 - Visit well sites, storage areas, neighborhoods & SCADA

6 Sep 2018

Ms. Cain
City Administrator
Garden Ridge, TX 78266

Dear Ms. Cain,

You may recall that I reported some difficulty with the contractor during the installation of new water lines and pavement on our street (Primrose) that resulted in payment to me of \$175.00 for repair/cleanout and recalibration of my irrigation system backflow preventer. In addition, the contractor replaced a section of river rock they removed after flooding the area with mud. The contractor also repaired one leak just past the meter on "my" side of the meter. It appeared that all of the problems had been corrected after a large trencher accidentally crossed my water line (on the city side) and violently shook it, resulting in at least one break and may have contributed to several more that were not immediately evident.

The immediately evident leak was repaired by the contractor (on my side of the meter), but it now appears my water pressure control device was removed without my knowledge or permission at some point during their work in my yard, and an iron utility box cover was placed sideways in a cutout on my neighbor's shut-off valve box, extending across my yard on top of and putting pressure on the two 90-degree fittings between the city meter and my main line connection to my home. It is difficult to know if those two 90-degree fittings were damaged by the trenching machine, the iron cover or by the removal of the pressure regulator, or a combination of the three. I noticed my water bill increased to 17,000 gallons in February 2018 (up from the normal 4000 in winter), but we were leaving the next day, so I circled it on the bill and put it aside to check into upon our return. We were away from home most of January and February. When I returned, my March water bill was even higher, so I called Mr. Goddard at the Garden Ridge Water Department. He had two men respond to assess the situation and later came out himself.

They discovered the two broken 90-degree fittings that run along with a short PVC run past the original repair by the contractor. Mr. Goddard said that I was responsible for the repairs since they were on my side of the meter. I explained the original damage caused by the contractor and the violent shaking from the trencher, but Mr. Goddard said it was still my responsibility if it was on my side of the meter. He also had the meter read "on the spot" with his laptop, showing hour by hour flow, and told me it was "obvious to him" the large usage at night was due to irrigation. He provided no explanation for the large numbers at other times during the 24-hour periods. I told him the irrigation system had been turned OFF for over a year both at the control box and the valve on the backflow preventer. He insisted it was irrigation use but said he would look into it further when he returned from an out of town trip. I never heard from him again.

I had the broken 90s repaired by Immediate Response Plumbers on 4/12/18 for \$387 to avoid any further water loss. A few days later, my soft water system literally blew up, spraying water and resin all over my garage and cars. Jim Fellowes of Texas Bluewater Filtration, who originally installed the soft water system and the pressure reducer, was contacted and responded. He said both tanks had been damaged beyond repair by excessive water pressure (tested at the nearest external hose bib at 115 psi when it should have been closer to 70 psi. When he looked for the pressure reducer that he originally installed several years ago when I bought the water softener, he said the entire device was missing, apparently removed during the original repair by the contractor. I have photos of all the exposed pipe during before and after the repair by Immediate response, so I am certain the pressure reducer was not present at the time of the repair by Immediate Response. Mr. Fellowes also stated there is no way to know

how much additional damage might have been caused to plumbing fixtures and appliances inside my house as a result of the excess pressure.

Texas Blue Water replaced the two tanks at what Mr. Fellowes' said was his wholesale cost (2@\$250, total \$500) and installed a new pressure reducer for an additional \$500. While he was on-site, Mr. Fellowes informed me there appeared to be another leak about six feet further down the line (toward my house) from where the pressure reducer was to be installed. I called Bettencourt Plumbing, and they traced the leak to the 45 degree PVC joint just before my concrete driveway. The company noted on the invoice that the damage was likely caused by excess pressure. Their invoice to replace the damaged 45-degree joint was \$285.

Once all the leaks had been fixed and I felt it was safe to restart the irrigation system, I called Prolific Irrigation for my annual inspection of irrigation lines and sprinklers. Mr. John Flores responded, and informed me that the contractor that replaced the driveway apron, apparently drove a stake to support one of the forms, through my irrigation line and then widened the driveway so that it covered the entire irrigation line and sprinkler heads for about 20 feet from the start of the newly poured concrete to the edge of the new ribbon curb and broke off several sprinkler heads on the mailbox side of the driveway as well. Total for the repairs to correct irrigation system damage by the contractor was \$254.11

Photos with explanatory notes are also attached and invoices are attached and I have the damaged 45 angle that was replaced adjacent to the driveway slab.

In summary, I am seeking reimbursement and/or water bill credit for the following:

- Immediate Response Plumbing 4/12/18	\$387
- Texas Bluewater Filtration (tanks) 05/14/18	\$500
- Texas Bluewater Filtration (pressure reducer) 05/24/18	\$500
- Bettencourt Plumbing (45 joint repair) 5/18/18	\$285
- Excess water bill (Feb 2018)	$\$85.52 - \$53.58 = 31.94$
- Excess water bill (Mar 2018)	$\$97.43 - \$53.58 = 43.85$
- Excess water bill (Apr 2018)	$\$249.88 - \$53.58 = 196.30$
- Excess water bill (May 2018)	$\$70.38 - \$53.58 = 11.80$
- Prolific Irrigation (July 2018)	\$254.11
- TOTAL=	\$2210.00

As a side note, the blacktop pavement on Primrose is cracking severely from about halfway down the street down the hill to our cul-de-sac. Additional and corroborating information is available from my neighbor, Mr. Joe Redwine, who was present during much of this discovery and work and whose property was also impacted as a result of the original leak and mud flow. Full-sized photos are available electronically upon request. Respectfully request reimbursement for these expenses.

Sincerely,



James P. Moreland
9622 Primrose, Garden Ridge TX 78266

cc to: Joe Redwine
Mayor Larry Thompson
Attachments: Photos with explanations
Receipts for repairs

Photos of water pipe and irrigation work at 9622 Primrose

Jim Moreland
210-595-0090



12 April 2018 – 10:35am. City Water Dept personnel digging out leak to determine which side of the meter the leak was on.



12 April 2018 – 10:35am. City Water Dept personnel discover iron utility cover inserted otop water line and 90 degree joints connecting water meter to my original line to 9622 Primrose home.





12 April 2018 – Approximate location of the iron utility cover discovered and removed by city water department personnel.



12 April 2018 – Approximate location of the iron utility cover discovered and removed by city water department personnel. Note the slot cut in the larger of the two valve boxes where the iron cover was inserted (presumably by either the water pipe/pavement contractor or city personnel installing the new water meters.



12 April 2018 – Closeup of one of two 90 degree fittings that the iron cover was directly touching.



12 April 2018 – Clearer shot of the cutout on the larger valve box where the iron cover was inserted vertically.



12 April 2018 – Iron utility cover laying flat after being removed by city personnel.



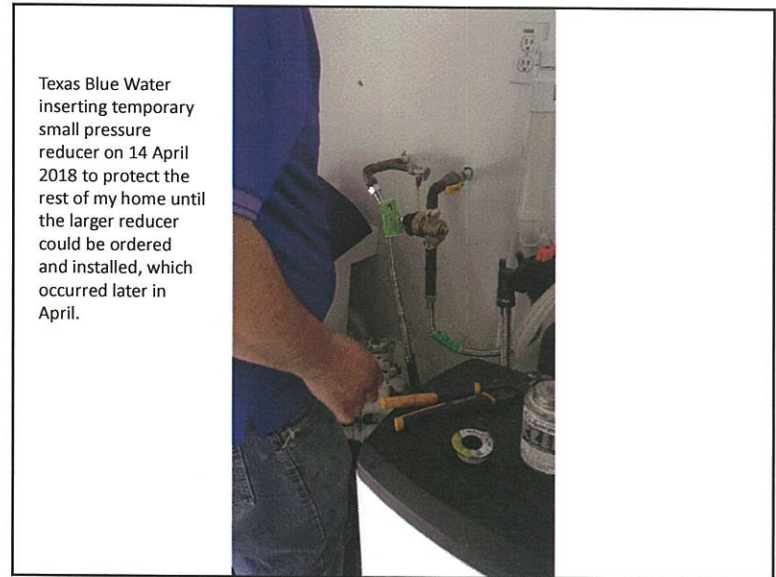
12 April 2018 – Clearer close-up of the cutout on the larger valve box where the iron cover was inserted vertically. Indicating it was intentionally placed in this position putting pressure on my water pipe and damaging the 90 degree fittings that were found to be leaking and later repaired by Immediate Response Plumbing.



12 April 2018 – Closeup shot of work area and leaking 90 degree fittings.



14 April 2018 – After my water softener exploded from excess pressure, Texas Blue Water excavated the original repair by the QROMEX contractor, showing absence of pressure reducing device originally installed there by Texas Blue Water.



Texas Blue Water inserting temporary small pressure reducer on 14 April 2018 to protect the rest of my home until the larger reducer could be ordered and installed, which occurred later in April.



18 April 2018 – Discovered another leak further down the line toward my house (about three feet from the previous work, at the point the main water line goes under the slab. The 45 degree fitting (which I still have) was said by Bettencourt Plumbing to have been caused by excess pressure.



18 April 2018 – Tape measurer pointing to 45 degree fitting that was leaking (while water is turned off).



18 April 2018 – Tape measurer pointing to leading 45 degree fitting (after water is turned back on).



18 April 2018 – Repair made by Bettencourt Plumbing of 45 fitting as it goes under the driveway slab.



July 2018 – First leak discovered by Prolific Irrigation showing wooden stake presumably used by QROMEX to place concrete forms for the new portion of my driveway (with water turned off.)



July 2018 – First leak discovered by Prolific Irrigation showing wooden stake presumably used by QROMEX to place concrete forms for the new portion of my driveway (with water turned on.)

Area of irrigation leak excavated by Prolific Irrigation where they found the new driveway had been poured over top the existing irrigation line and sprinkler heads.



Area of irrigation leak replaced by Prolific Irrigation where they found the new driveway had been poured over top the existing irrigation line and sprinkler heads. Similar work was done on the other side of the driveway where the line and sprinkler heads were also damaged (adjacent to



Residential - Commercial
24 Hour Service • Video Pipeline
Inspection • Leak Detection

13106 LOOKOUT RIDGE
SAN ANTONIO, TEXAS 78233
599-3500 • 496-6900
FAX 494-1871

Plumbing & Rooter Service, Inc.

JOB #	NAME <i>James Moreland</i>			24 Hour Emergency Service	All jobs are owner supervised. Slab leaks, Sewer and Drain Cleaning, Water Heaters, Faucets, Video Drain Inspections, Hydro-Jet Service.	COMPLETION DATE <i>4/19/11</i>	CREDIT CARD # _____
ADDRESS <i>9677 Primrose</i>	CITY <i>Garden Ridge TX</i>	STATE <i>TX</i>	ZIP <i>78066</i>				PAY BY CHECK # _____ CHECK CREDIT CARD CASH
HP <i>210-595-0090</i>	SIGNATURE <i>[Signature]</i>	ESTIMATE		AUTHORIZED TO PROCEED WITH DIAGNOSIS I, the undersigned, am the owner / authorized representative / tenant of the premises listed herein I hereby authorize you to perform diagnosis to determine a solution. I agree upon completion to pay for said diagnosis at the listed rate \$ _____ MP # 36073			
AUTHORIZED TO PROCEED WITH WORK I, hereby authorize the herein below described work at the below listed price, I agree to pay 1 3/4% per month for past due contracts (Minimum charge; \$15). In the event that the collection efforts are initiated against me, I shall pay for all associated fees at the posted rates. By the addition of my signature below, I agree that I have received a copy of this contract, notice to owner, and that I have read, understand, and agree to the terms listed herein and on the reverse side.				Texas State Board of Plumbing Examiners P.O. Box 4200 Austin, Texas 78765 (512) 935-5200	I certify that the water pressure measured to be _____ LBS./ SQ. IN.	WARRANTY ☐ 30 DAY WARRANTY ☒ 90 DAY WARRANTY ☐ OTHER _____	
ITEMS OF CONCERN	SIGNATURE	DESCRIPTION OF WORK					
<i>Video Leak</i>		<i>Fat \$387 we replaced ball valve in front of water meter and repaired leaking 1" line. There are no more leaks in front of meter at this time.</i>					
ACCEPTANCE OF WORK PERFORMED - I acknowledge satisfactory completion of the above described work, and accept said work pursuant to the terms and conditions set forth on the front and back of this document.		SERVICE TECHNICIAN - Prior to the customer entering to the contract, I have discussed the nature of the service and cost, have given the "Notice to Order" form, and orally explained the right to cancel with the customer. I have given a copy of the contract to the customer. All work I have done has been in compliance with company standards in a workmanship manner, building code where applicable.					
SIGNATURE X <i>[Signature]</i>	SIGNATURE X _____						

INVOICE # 19851

BETANCOURT PLUMBING

Joel Betancourt - PM2948
3230 W. FRENCH PLACE
SAN ANTONIO, TEXAS 78228
OFFICE: (210) 736-0207
Fax: (210) 734-2037

PLUMBING
Alteration
Repairs
No Job
Too Small



Date: 5-18-18

SUBMITTED TO:		WORK PERFORMED AT:	
James P. Moreland			
9622 Primrose		SAME	
S.A. Tx. 78266			
Customer No.	Workers	Terms	Fax No.
	Arturo	C.O.D.	
JOB DESCRIPTION			
Water leak in back yard			
Probed for water leak underground			
Replaced broken pipe on 3/4" main water supply line with fittings			
Found cracked 45° Elbow that was damaged from excessive pressure.			
TOTAL Labor and Material - \$285.00			

BETANCOURT PLUMBING CO
3230 W FRENCH PL
SAN ANTONIO, TX 78228

05/16/2018

13/01/04

CREDIT CARD

VISA SALE

Card # XXXXXXXXXXXX1717
SEQ # 2
Batch # 192
INVOICE 2
Approval Code 03123D
Entry Method Manual
Mode Online
Avs Code YYY
Card Code M

SALE AMOUNT \$285.00

CUSTOMER COPY

This statement is required by the: Texas State Board of Plumbing Examiner
929 East 41st • P.O. Box 4200
Austin, Texas 78765 (512) 458-2145 or 1(800) 845-6584

Texas Blue Water Filtration
11511 Potranco Road
San Antonio, TX 78253
(210)679-9191
jim@txbluewater.com
www.txbluewater.com

Sales Receipt

James Moreland
9622 Primrose
Garden Ridge, Tx 78266

04621 05/14/2018

PMT METHOD

Visa - xxxxxxxxxxxx1717

05/14/2018	Delta Ontario Tank Replacement	2	250.00	500.00
Thank you for your business				
TOTAL				500.00
AMOUNT RECEIVED				500.00
BALANCE DUE				\$0.00

Texas Blue Water Filtration
11511 Potranco Road
San Antonio, TX 78253
(210)679-9191
jim@txbluewater.com
www.txbluewater.com

Sales Receipt

James Moreland
9622 Primrose
Garden Ridge, Tx 78266

04667 05/24/2018

PMT METHOD
Check

05/24/2018 Pressure Regulator

Thank you for your business

1	500.00	500.00
TOTAL		500.00
AMOUNT RECEIVED		500.00
BALANCE DUE		\$0.00

PROLIFIC IRRIGATION

Installations & Repairs



NAME Jim Moreland

ADDRESS 9622 Primrose Garden Ridge, TX 78266

TELEPHONE 210-595-0090

EMAIL james.p.moreland@gmail.com

ITEM	DESCRIPTION	UNIT PRICE	QUANTITY	AMOUNT
product	4" sprinkler head	\$8.00	3	\$24.00
product	1/2" barb ell	\$4.00	2	\$8.00
product	1/2" pvc 90 threaded	\$2.75	3	\$8.25
product	sprinkler head nozzle	\$4.00	3	\$12.00
product	1/2" pvc coupling	\$2.50	1	\$2.50
product	glue & primer	\$10.00	1	\$10.00
service	labor	\$85.00	2	\$170.00
comments	repairs done from damaged driveway			
Subtotal				\$234.75
Taxes			0.0825	\$19.36
Total				\$254.11

SIGNATURE _____

DATE 7/19/2018

Owner John Flores LI# 21356 • 2418 Athel Ave • San Antonio, Texas 78237 •
Phone (210)618-3025 • Email: prolific.irrigation@gmail.com



City of Garden Ridge

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

MEMORANDUM

To: Water Commission
From: Royce E. Goddard, Water Manager/Plumbing Inspector
Date: October 18, 2018
Copies: City Council
Reference: Response to letter by Mr. James Moreland, 9622 Primrose Circle

Water Commissioners and City Council Members,

The following letter, documents, and pictures are in response to the letter dated September 6, 2018, from Mr. James Moreland, 9622 Primrose Circle. As stated at the end of my letter: photographs #1 through #12 and #14 through #21 supplied by Mr. James Moreland, photographs #13, #22, and #23 supplied by me, and items #8 and #9 are reports from workers who were at the address of 9622 Primrose Circle on April 12, 2018. Please let me know if you have any further questions after reviewing all documentation.

Thanks,
Royce E. Goddard
Water Manager/Plumbing Inspector

To: City Council and Water Commission

Subj.; Response to letter by Mr. James Moreland, 9622 Primrose Circle, dated 6 Sept. 2018

Mr. Moreland is requesting reimbursement for expenses that he claims he incurred for repairs due to City contracted water line installation and street improvements done in January 2017 for a total of \$2,210.00. All noted problems started in February 2018, 13 months after completion of above construction

Mr. Moreland had a problem with some debris in his Reduce Pressure Zone (RPZ) backflow device on June 5, 2017. This was a valid repair and claim for which he was reimbursed \$75.00. (See Items #1, #2. Photos #1, #2, #3.) On July 14, 2017 he claimed that a broken 90* elbow on the RPZ was also caused by the construction. He was granted a reimbursement of \$100.00 even though his claim was not valid based on the fact that a month prior he had his backflow device tested and repaired. (See items #3, #4)

Mr. Moreland noticed an increase in his water usage after the February 2018 meter read. Prior to that his usage was consistent with his winter usage of 4,000 gallons per month for November 2017, December 2017 and January 2018. His usage for the same time frame the year prior was, November 2016: 18,000 gallons, December 2016: 5,000 gallons, and January 2017: 7,000 gallons. His usage from February 2017 through August 2017 varied from 2,000 gallons to 45,000 gallons. His usage from February 2018 through August 2018 varied from 17,000 gallons to 56,000 gallons. (See item #5)

A computer read out was completed on April 4, 2018 that showed there was a leak somewhere in Mr. Moreland's property. His Irrigation system ran for two days on April 3, 2018 using 8,391.15 gallons and again on April 4, 2018 using 7,530.49 gallons. Total usage 15,921.64 gallons. (See item #6) Mr. Moreland states in his letter that his irrigation system was shut off at the control box and the backflow device for over a year. A picture that he supplied taken on April 14, 2018 shows that the backflow is in the on position. (See photo #4). Mr. Moreland's usage in 2017, shows that the system was operating from March through September 2017.

On April 12, 2018 the City responded to Mr. Moreland's house due to a call from him about a high water bill. Two city workers Christopher Graef and Duane Scognio went to his address to investigate the problem. They noted a wet area in the meter box. Upon removing the meter box they noticed an old meter box lid had been placed on its side between the neighbor's valve box and the front side of a galvanized 90* elbow. Due to the size of the lid, it could not have been placed on top of the galvanized 90* elbow as stated by Mr. Moreland. The workers removed the cover and noted a small leak coming from the 90* elbow. This elbow showed that it had been in the ground for a while and was corroded and deteriorated. Mr. Moreland had this repaired as it was on the customer side of the meter. (See photos #5, #6, #7, #8, #9, #10, #11,). (See items #8, #9).

On May 14, 2018 Mr. Moreland states that his water softener "blew up". He contacted Mr. James (Jim) Fellowes of Texas Bluewater Filtration, to come out and figure out what happened. Jim checked the water pressure and found it to be 115 psi using an air filled gage, which can be 15 to 30 psi difference from actual pressure. Mr. Fellowes told Mr. Moreland that his water softener failed due to high pressure. Mr. Fellowes stated that he installed a Pressure Reducing Valve (PRV) sometime in 2010/2011. He installed a 25-75psi PRV. He also installed a new one on May 24, 2018 on the main water line to Mr. Moreland's house. Mr. Fellowes is not licensed to install anything other than water

treatment equipment i.e.: water softeners, reverse osmosis and deionization equipment. Therefore the pressure reducing valves are not a legal installation. Also it is a 25-75 psi unit and must be changed out to a 15-150psi unit, as per City ordinance # 159. (See photos #12, #13).

On September 13, 2018 the water pressure at the fire hydrant on front of 9622 Primrose Circle was 95 psi using an oil filled gage for accuracy. There has been no change to the water pressure plane in the City of Garden Ridge since 2000. There is up to 30 psi difference using an air gage (which Mr. Fellowes used) and an oil filled gage that the City uses.

Mr. Moreland stated in his letter that on April 18, 2018 that he discovered another leak further up his driveway at a point where his main water line goes under his driveway. He contacted Betancourt Plumbing who found a cracked 45* fitting going under driveway. No sleeve for water line noted in pictures as required by plumbing codes. Pipe in pictures is aged and possibly root bound. Plumber also found leaks in the back yard irrigation even though Mr. Moreland claimed his irrigation system was shut off. Note irrigation line in pictures not close to drive. (See photos #14, #15, #16, #17).

On July 19, 2018 Mr. Moreland contacted Mr. John Flores of Prolific Irrigation. Mr. Flores told Mr. Moreland that the contractors had driven a stake into an irrigation line and caused a leak, also that the construction company had covered an entire section of irrigation line and heads under the new driveway. Pictures do not clearly show the line covered by the new driveway. Any leaks in the irrigation system would have shown up over the last year of irrigation usage. Also note that the irrigation heads are not at least 6 inches from any driveway, walkway, fences or buildings as per TCEQ TAC 30 chapter 344 Landscaping Manual and City Ordinance # 159. (See photos #18, #19, #20, #21, #22, #23).

On September 7, 2018, a computer read out was done on the meter at 9622 Primrose Circle. It showed that the resident for the most of August was not at home but the irrigation system operated at set times. s. (See item #7)

Mr. Moreland claims that his irrigation system was off for a year, but his usage shows differently. All these "leaks" would have shown up in March of 2017 when he started using his irrigation system. It has been over 13 months since the construction on his street was completed for Mr. Moreland to come and say that all these problems are construction related.

It is in my opinion as City of Garden Ridge Water Manager and City Plumbing Inspector reviewing all the information available, that the City of Garden Ridge City Council should deny the claims for reimbursement of \$2,210.00 to Mr. Moreland.

Royce E. Goddard
Water Manager/ Plumbing Inspector

Photographs #1 through #12, #14 through #21 supplied by Mr. James Moreland
Photographs #13, #22, #23 supplied by Royce E. Goddard, Water Manager/Plumbing Inspector.
Items #8, #9 are Reports from workers who were there at 9622 Primrose Circle on April 12, 2018.

RUSTY HOLDER & RYAN HOLDER
LI # 11888 BP # 7917 BP # 13504
8758 GARDEN RIDGE DR
GARDEN RIDGE, TX 78266
210-240-9092

Date:	6/5/17		
Name:	Morland	Name:	
Address:	9622 Primrose	Address:	
City, State, Zip:	Garden Ridge, Tx 78266	City, State, Zip:	

[illegible]

All materials and labor are guaranteed for a period of N/A.

****Irrigation in Texas is regulated by the Texas Commission of Environmental Quality
P.O. Box 13087, Austin, Texas 78711-3087."**

P.O. Box 13087, Austin, Texas 78711-3087."

water manager → **Irrigation
~~SA~~ OK TO PAY

ITEM#1



City of Garden Ridge

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

SUBJECT: Test and Maintenance Report - Backflow Prevention Assembly (Circle One) RF DC PVB SPVB RPDA DCDA

Please be advised that we have made the following periodic test as required by TCEQ Regulations and The Garden Ridge Water Department Cross Connection Control Program and report the following:

Name and Model of Assembly: Febco 860 Assembly Serial #: H57075 Size: 1"
Service Address: 9622 Primrose Location By Meter Test Gage # 05070094

	Check Valve # 1	Check Valve # 2	Diff. Pressure Relief Valve	Pressure Vacuum Breaker
Initial Test	1. Leaked ☐ 2. Closed Tight ☒	1. Leaked ☐ 2. Closed Tight ☒	Opened at _____ lbs. Reduced Pressure Did Not Open ☒	Air Inlet Opened at _____ PSID Did Not Open ☐
R E P A I R S	Cleaned ☒ Replaced: Disc ☐ Spring ☐ Guide ☐ Pin Retainer ☐ Hinge Pin ☐ Seat ☐ Diaphragm ☐ Other, Describe ☐ PSI Drop _____	Cleaned ☒ Replaced: Disc ☐ Spring ☐ Guide ☐ Pin Retainer ☐ Hinge Pin ☐ Seat ☐ Diaphragm ☐ Other, Describe ☐ PSI Drop _____	Cleaned ☐ Replaced: Disc: Upper ☐ Lower ☐ Spring ☐ Diaphragm: Large: Upper ☐ Lower ☐ Small ☐ Seat: Upper ☐ Lower ☐ Spacer: Lower ☐ Other, Describe ☐	Check Valve Held at _____ PSID Leaked ☐ Cleaned ☐ Replaced: Air Inlet Disc ☐ Check Disc ☐ Air Inlet Spring ☐ Check Spring ☐ Other, Describe ☐
Final Test	PSI Drop (R/P) _____ Closed Tight ☒	Closed Tight ☒	Opened at _____ lbs. Reduced Pressure <u>2.4</u>	Air Inlet _____ PSID Check Valve _____ PSID

Certifications:

1. I hereby **certify** that the foregoing data is accurate and reflects the proper operation and maintenance of the captioned equipment I personally performed or directly supervised the field test herein described. I hereby **certify** that the Test Gage listed above has been **certified** within the last twelve (12) months and a copy of the certification has been submitted to the City of Garden Ridge Water Department. I hereby certify that the backflow assembly is installed in accordance with manufacturer recommendations and/or local codes and requirements.

YES ☒ NO ☐

Date: 6/5/17 State BPAT License #: BPAT7917 Time: 6:45 AM ☐ PM ☒ Company Name: Holder Irrigation

Printed Name of Tester: Rusty Holder Signature of Tester: [Signature]

2. I hereby **certify** the assembly has been in constant use at this location in a manner approved by the City of Garden Ridge Water Department during the entire prescribed interval between test periods and during this period this assembly was not by-passed, made inoperative or removed without proper authorization. All defects found during the operating period or during tests of the assembly were immediately corrected to the specification and approval of the City of Garden Ridge Water Department.

Owner's / Firm's Name: Moreland Address: 1

Title: Owner Telephone #: _____ Date: _____

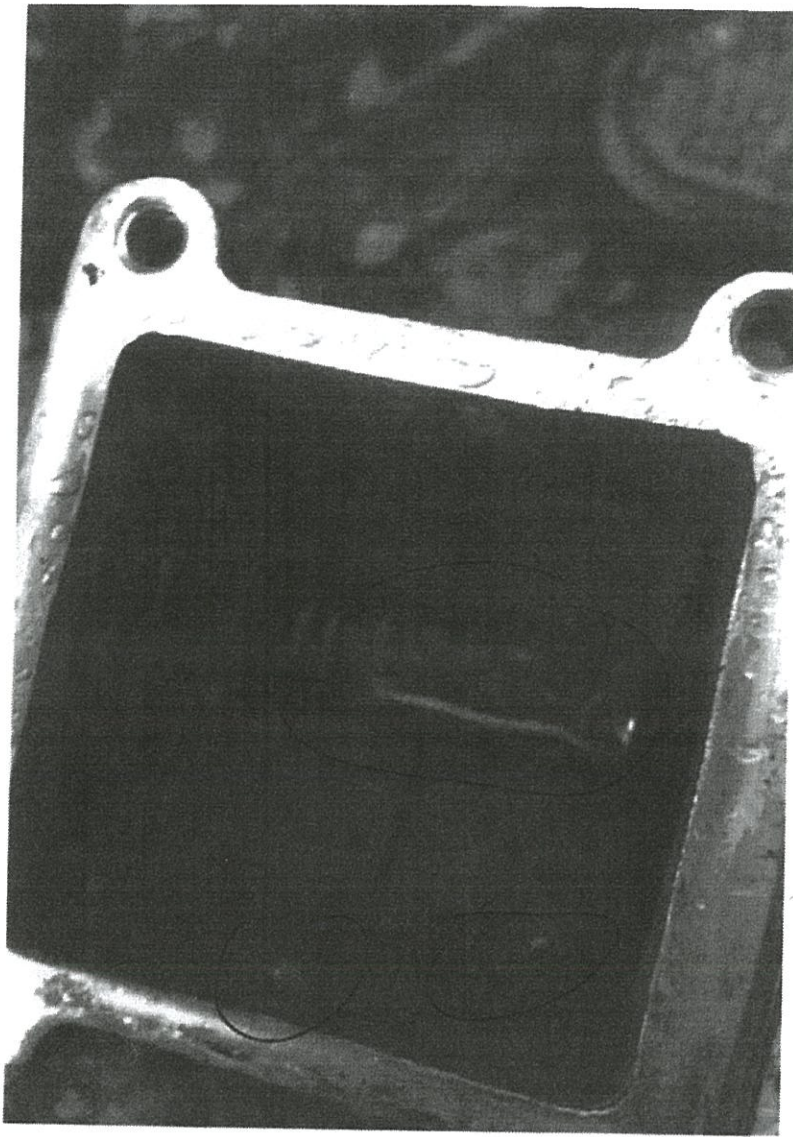
Signature of Owner or Representative: _____

ITEM #2



9622 Primrose

Photo #1



PVC burris holding check
Valve open water running

Holder Irrigation & Backflow Testing

LI # 11888 BPAT # 7917

PHOTO #2



#1
CHECK VALVE OFF
BACKFLOW ISOLATION
VALVE IS IN OPEN
POSITION
water manager

PVC barris

#1 check
Valve

PHOTO #2

HOLDER IRRIGATION & BACKFLOW TESTING

RUSTY HOLDER & RYAN HOLDER
LI # 11888 BP # 7917 BP # 13504
8758 GARDEN RIDGE DR
GARDEN RIDGE, TX 78266
210-240-9092

Date:	7/14/17		
Name:	Morland	Name:	
Address:	9622 Primrose	Address:	
City, State, Zip:	Garden Ridge, Tx 78266	City, State, Zip:	

UNIT	DESCRIPTION	PRICE	AMOUNT
	Backflow Test Passed		\$25.00
	Replaced Broken 90°		75.00
	Connected to the Number		
	#2 cut off valve		
	PAID Rusty		
	Make check payable to: RUSTY HOLDER		\$100.00
	Thank you.		\$25.00

water
manager
↓

SHOULD NOT HAVE PAID

All materials and labor are guaranteed for a period of N.A.
**Irrigation in Texas is regulated by the Texas Commission of Environmental Quality
P.O. Box 13087, Austin, Texas 78711-3087."

Item #3



City of Garden Ridge

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

SUBJECT: Test and Maintenance Report - Backflow Prevention Assembly (Circle One) RP DC PVB SPVB RPDA DCDA

Please be advised that we have made the following periodic test as required by TCEQ Regulations and The Garden Ridge Water Department Cross Connection Control Program and report the following:

Name and Model of Assembly: Febco 860 Assembly Serial #: H57075 Size: 1"
Service Address: 9622 Primrose Location By Meter Test Gage # 05070094

	Check Valve # 1	Check Valve # 2	Diff. Pressure Relief Valve	Pressure Vacuum Breaker	
Initial Test	1. Leaked ☐ <u>2.8</u> 2. Closed Tight ☒	1. Leaked ☐ 2. Closed Tight ☒	Opened at _____ lbs. Reduced Pressure Did Not Open ☒ <u>2.4</u>	Air Inlet Opened at _____ PSID Did Not Open ☐	
R E P A I R S	Cleaned ☐ Replaced: Disc ☐ Spring ☐ Guide ☐ Pin Retainer ☐ Hinge Pin ☐ Seat ☐ Diaphragm ☐ Other, Describe ☐ PSI Drop _____	Cleaned ☐ Replaced: Disc ☐ Spring ☐ Guide ☐ Pin Retainer ☐ Hinge Pin ☐ Seat ☐ Diaphragm ☐ Other, Describe ☐ PSI Drop _____	Cleaned ☐ Replaced: Disc: Upper ☐ Lower ☐ Spring ☐ Diaphragm: Large: Upper ☐ Lower ☐ Small ☐ Seat: Upper ☐ Lower ☐ Spec: Lower ☐ Other, Describe ☐	Check Valve Held at _____ PSID Leaked ☐ Cleaned ☐ Replaced: Air Inlet Disc ☐ Check Disc ☐ Air Inlet Spring ☐ Check Spring ☐ Other, Describe ☐	
	Final Test	PSI Drop (R/P) _____ Closed Tight ☐	Closed Tight ☐	Opened at _____ lbs. Reduced Pressure	Air Inlet _____ PSID Check Valve _____ PSID

Certifications:

1. I hereby certify that the foregoing data is accurate and reflects the proper operation and maintenance of the captioned equipment I personally performed or directly supervised the field test herein described. I hereby certify that the Test Gage listed above has been certified within the last twelve (12) months and a copy of the certification has been submitted to the City of Garden Ridge Water Department. I hereby certify that the backflow assembly is installed in accordance with manufacturer recommendations and/or local codes and requirements.

YES ☒ NO ☐

Date: 7/14/17 State BPAT License #: BPAT7917 Time: 530 AM ☐ PM ☒ Company Name: Holder Irrigation
Printed Name of Tester: Rusty Holder Signature of Tester: [Signature]

2. I hereby certify the assembly has been in constant use at this location in a manner approved by the City of Garden Ridge Water Department during the entire prescribed interval between test periods and during this period this assembly was not by-passed, made inoperative or removed without proper authorization. All defects found during the operating period or during tests of the assembly were immediately corrected to the specification and approval of the City of Garden Ridge Water Department.

Owner's / Firm's Name: Moreland Address: 1

Title: Owner Telephone #: _____ Date: _____

Signature of Owner or Representative: _____

Item # 4

MORELAND, JAMES P Service Address: 9622 PRIMROSE CIRCLE

Service: 010 RI WATER - RES INSIDE Meter: 76835029

Read		Total		Demand		Reading			
Month	Date	Previous	Current	Consumption	Read	Consumption	Flag	Source	Occupant
Year : 2018 Total 8									
Aug	08/23/2018	658	714	56			Regular	Hand Held	00
	07/23/2018	597	658	61			Regular	Hand Held	00
Jun	06/22/2018	572	597	25			Regular	Hand Held	00
May	05/23/2018	560	572	12			Regular	Hand Held	00
Apr	04/23/2018	515	560	45			Regular	Hand Held	00
Mar	03/23/2018	495	515	20			Regular	Hand Held	00
Feb	02/22/2018	478	495	17			Regular	Hand Held	00
Jan	01/23/2018	474	478	4			Regular	Hand Held	00
Year : 2017 Total 12									
Dec	12/19/2017	470	474	4			Regular	Hand Held	00
Nov	11/22/2017	466	470	4			Regular	Hand Held	00
Oct	10/23/2017	458	466	8			Regular	Hand Held	00
Sep	09/22/2017	438	458	20			Regular	Hand Held	00
Aug	08/23/2017	393	438	45			Regular	Hand Held	00
Jul	07/24/2017	367	393	26			Regular	Manual Read	00
Jun	06/23/2017	363	367	4			Regular	Manual Read	00
May	05/24/2017	359	363	4			Regular	Manual Read	00
Apr	04/24/2017	350	359	9			Regular	Hand Held	00
Mar	03/23/2017	334	350	16			Regular	Hand Held	00
Feb	02/22/2017	332	334	2			Regular	Hand Held	00
Jan	01/23/2017	325	332	7			Regular	Hand Held	00
Year : 2016 Total 12									
Dec	12/21/2016	320	325	5			Regular	Hand Held	00
Nov	11/23/2016	302	320	18			Regular	Hand Held	00
Oct	10/24/2016	287	302	15			Regular	Hand Held	00
Sep	09/23/2016	277	287	10			Regular	Hand Held	00
	08/23/2016	264	277	13			Regular	Hand Held	00
	07/22/2016	223	264	41			Regular	Hand Held	00
Jun	06/23/2016	215	223	8			Regular	Hand Held	00
May	05/23/2016	212	215	3			Regular	Hand Held	00
Apr	04/22/2016	207	212	5			Regular	Hand Held	00
Mar	03/23/2016	205	207	2			Regular	Hand Held	00
Feb	02/23/2016	202	205	3			Regular	Hand Held	00
Jan	01/22/2016	197	202	5			Regular	Hand Held	00
				Avg 16					

Item #

Date	Time	Consumption	9622 Primrose Circle, Moreland, James		
4/12/2018	9:51 AM	411.27	4/10/2018	11:50 AM	102.71
4/12/2018	8:51 AM	405.76	4/10/2018	10:50 AM	109.83
4/12/2018	7:51 AM	412.42	4/10/2018	9:50 AM	95.72
4/12/2018	6:51 AM	409.59	4/10/2018	8:50 AM	113.48
4/12/2018	5:51 AM	400.93	4/10/2018	7:50 AM	94.70
4/12/2018	4:51 AM	399.71	4/10/2018	6:50 AM	92.15
4/12/2018	3:51 AM	395.73	4/10/2018	5:50 AM	93.71
4/12/2018	2:51 AM	395.36	4/10/2018	4:50 AM	90.80
4/12/2018	1:51 AM	396.49	4/10/2018	3:50 AM	89.38
4/12/2018	12:51 AM	390.93	4/10/2018	2:50 AM	88.64
4/11/2018	11:51 PM	388.98	4/10/2018	1:50 AM	89.52
4/11/2018	10:51 PM	377.16	4/10/2018	12:50 AM	83.33
4/11/2018	9:51 PM	371.76	4/9/2018	11:50 PM	87.45
4/11/2018	8:51 PM	371.99	4/9/2018	10:50 PM	88.57
4/11/2018	7:51 PM	370.33	4/9/2018	9:50 PM	103.07
4/11/2018	6:51 PM	368.40	4/9/2018	8:50 PM	85.06
4/11/2018	5:51 PM	361.25	4/9/2018	7:50 PM	84.53
4/11/2018	4:50 PM	358.38	4/9/2018	6:50 PM	84.62
4/11/2018	3:50 PM	351.56	4/9/2018	5:50 PM	78.52
4/11/2018	2:50 PM	342.31	4/9/2018	4:50 PM	77.23
4/11/2018	1:50 PM	265.09	4/9/2018	3:50 PM	75.71
4/11/2018	12:50 PM	182.06	4/9/2018	2:50 PM	75.05
4/11/2018	11:50 AM	173.40	4/9/2018	1:50 PM	85.47
4/11/2018	10:50 AM	162.47	4/9/2018	12:50 PM	96.59
4/11/2018	9:50 AM	152.33	4/9/2018	11:50 AM	69.19
4/11/2018	8:50 AM	152.20	4/9/2018	10:50 AM	67.58
4/11/2018	7:50 AM	145.17	4/9/2018	9:50 AM	65.70
4/11/2018	6:50 AM	147.26	4/9/2018	8:50 AM	68.11
4/11/2018	5:50 AM	139.52	4/9/2018	7:50 AM	63.07
4/11/2018	4:50 AM	136.80	4/9/2018	6:50 AM	62.17
4/11/2018	3:50 AM	135.03	4/9/2018	5:50 AM	60.42
4/11/2018	2:50 AM	135.86	4/9/2018	4:50 AM	58.48
4/11/2018	1:50 AM	131.76	4/9/2018	3:50 AM	56.48
4/11/2018	12:50 AM	126.72	4/9/2018	2:50 AM	53.05
4/10/2018	11:50 PM	124.95	4/9/2018	1:50 AM	51.93
4/10/2018	10:50 PM	119.90	4/9/2018	12:50 AM	49.01
4/10/2018	9:50 PM	121.29	4/8/2018	11:49 PM	48.22
4/10/2018	8:50 PM	131.00	4/8/2018	10:49 PM	50.84
4/10/2018	7:50 PM	119.68	4/8/2018	9:49 PM	44.48
4/10/2018	6:50 PM	121.20	4/8/2018	8:49 PM	41.43
4/10/2018	5:50 PM	116.40	4/8/2018	7:49 PM	47.72
4/10/2018	4:50 PM	112.40	4/8/2018	6:49 PM	50.73
4/10/2018	3:50 PM	111.64	4/8/2018	5:49 PM	40.25
4/10/2018	2:50 PM	111.59	4/8/2018	4:49 PM	38.49
4/10/2018	1:50 PM	104.40	4/8/2018	3:49 PM	40.81
4/10/2018	12:50 PM	125.33	4/8/2018	2:49 PM	40.93

Item #6

4/8/2018	1:49 PM	41.84
4/8/2018	12:49 PM	37.30
4/8/2018	11:49 AM	38.40
4/8/2018	10:49 AM	39.47
4/8/2018	9:49 AM	80.85
4/8/2018	8:49 AM	36.91
4/8/2018	7:49 AM	38.10
4/8/2018	6:49 AM	35.70
4/8/2018	5:49 AM	35.26
4/8/2018	4:49 AM	34.73
4/8/2018	3:49 AM	36.54
4/8/2018	2:49 AM	33.96
4/8/2018	1:49 AM	35.27
4/8/2018	12:49 AM	33.96
4/7/2018	11:49 PM	37.25
4/7/2018	10:49 PM	38.13
4/7/2018	9:49 PM	40.30
4/7/2018	8:49 PM	38.80
4/7/2018	7:49 PM	68.56
4/7/2018	6:49 PM	104.91
4/7/2018	5:49 PM	35.72
4/7/2018	4:49 PM	33.28
4/7/2018	3:49 PM	34.37
4/7/2018	2:49 PM	33.01
4/7/2018	1:49 PM	42.10
4/7/2018	12:49 PM	32.17
4/7/2018	11:49 AM	40.97
4/7/2018	10:49 AM	61.28
4/7/2018	9:49 AM	42.69
4/7/2018	8:49 AM	36.81
4/7/2018	7:49 AM	32.17
4/7/2018	6:49 AM	32.07
4/7/2018	5:49 AM	32.11
4/7/2018	4:49 AM	32.11
4/7/2018	3:49 AM	31.83
4/7/2018	2:49 AM	33.04
4/7/2018	1:49 AM	31.68
4/7/2018	12:49 AM	31.57
4/6/2018	11:49 PM	32.42
4/6/2018	10:49 PM	45.45
4/6/2018	9:49 PM	36.50
4/6/2018	8:49 PM	34.88
4/6/2018	7:49 PM	34.46
4/6/2018	6:49 PM	35.04
4/6/2018	5:49 PM	37.67
4/6/2018	4:49 PM	30.71
4/6/2018	3:49 PM	45.95

4/6/2018	2:49 PM	30.68
4/6/2018	1:49 PM	30.53
4/6/2018	12:49 PM	32.22
4/6/2018	11:49 AM	57.38
4/6/2018	10:49 AM	29.81
4/6/2018	9:49 AM	31.75
4/6/2018	8:49 AM	29.58
4/6/2018	7:49 AM	30.12
4/6/2018	6:48 AM	29.59
4/6/2018	5:48 AM	29.40
4/6/2018	4:48 AM	29.27
4/6/2018	3:48 AM	29.27
4/6/2018	2:48 AM	29.81
4/6/2018	1:48 AM	32.10
4/6/2018	12:48 AM	28.59
4/5/2018	11:48 PM	31.19
4/5/2018	10:48 PM	31.64
4/5/2018	9:48 PM	30.07
4/5/2018	8:48 PM	29.27
4/5/2018	7:48 PM	28.18
4/5/2018	6:48 PM	29.00
4/5/2018	5:48 PM	37.70
4/5/2018	4:48 PM	29.19
4/5/2018	3:48 PM	33.81
4/5/2018	2:48 PM	44.94
4/5/2018	1:48 PM	28.17
4/5/2018	12:48 PM	33.32
4/5/2018	11:48 AM	33.83
4/5/2018	10:48 AM	25.77
4/5/2018	9:48 AM	25.63
4/5/2018	8:48 AM	26.75
4/5/2018	7:48 AM	27.61
4/5/2018	6:48 AM	25.24
4/5/2018	5:48 AM	25.41
4/5/2018	4:48 AM	25.44
4/5/2018	3:48 AM	25.54
4/5/2018	2:48 AM	26.76
4/5/2018	1:48 AM	28.91
4/5/2018	12:48 AM	28.73
4/4/2018	11:48 PM	33.56
4/4/2018	10:48 PM	26.22
4/4/2018	9:48 PM	29.62
4/4/2018	8:48 PM	28.39
4/4/2018	7:48 PM	24.76
4/4/2018	6:48 PM	27.02
4/4/2018	5:48 PM	34.29
4/4/2018	4:48 PM	34.68

4/4/2018	3:48 PM	35.58
4/4/2018	2:48 PM	24.82
4/4/2018	1:48 PM	27.17
4/4/2018	12:48 PM	27.19
4/4/2018	11:48 AM	44.86
4/4/2018	10:48 AM	55.50
4/4/2018	9:48 AM	29.45
4/4/2018	8:48 AM	23.18
4/4/2018	7:48 AM	22.93
4/4/2018	6:48 AM	22.58
4/4/2018	5:48 AM	212.51
4/4/2018	4:48 AM	1,590.68
4/4/2018	3:48 AM	1,361.73
4/4/2018	2:47 AM	1,424.73
4/4/2018	1:47 AM	1,762.81
4/4/2018	12:47 AM	427.58
4/3/2018	11:47 PM	750.45
4/3/2018	10:47 PM	31.43
4/3/2018	9:47 PM	29.76
4/3/2018	8:47 PM	23.39
4/3/2018	7:47 PM	23.37
4/3/2018	6:47 PM	23.40
4/3/2018	5:47 PM	64.53
4/3/2018	4:47 PM	30.22
4/3/2018	3:47 PM	29.85
4/3/2018	2:47 PM	49.27
4/3/2018	1:47 PM	58.01
4/3/2018	12:47 PM	34.29
4/3/2018	11:47 AM	27.67
4/3/2018	10:47 AM	24.20
4/3/2018	9:47 AM	28.32
4/3/2018	8:47 AM	22.32
4/3/2018	7:47 AM	24.14
4/3/2018	6:47 AM	183.61
4/3/2018	5:47 AM	1,309.99
4/3/2018	4:47 AM	1,243.93
4/3/2018	3:47 AM	1,398.18
4/3/2018	2:47 AM	1,768.77
4/3/2018	1:47 AM	1,694.56
4/3/2018	12:47 AM	792.11
4/2/2018	11:47 PM	24.32
4/2/2018	10:47 PM	25.34
4/2/2018	9:47 PM	25.62
4/2/2018	8:47 PM	24.85
4/2/2018	7:47 PM	40.77
4/2/2018	6:47 PM	37.29
4/2/2018	5:47 PM	31.88

4/2/2018	4:47 PM	30.59
4/2/2018	3:47 PM	44.16
4/2/2018	2:47 PM	42.98
4/2/2018	1:47 PM	29.21
4/2/2018	12:47 PM	27.61
4/2/2018	11:47 AM	24.92
4/2/2018	10:47 AM	22.60
4/2/2018	9:47 AM	26.83
4/2/2018	8:47 AM	22.41
4/2/2018	7:47 AM	22.48
4/2/2018	6:47 AM	22.49
4/2/2018	5:47 AM	22.30
4/2/2018	4:47 AM	24.81
4/2/2018	3:47 AM	22.53
4/2/2018	2:47 AM	22.54
4/2/2018	1:47 AM	22.47
4/2/2018	12:47 AM	25.40
4/1/2018	11:47 PM	23.55
4/1/2018	10:47 PM	22.57
4/1/2018	9:47 PM	27.34
4/1/2018	8:47 PM	22.75
4/1/2018	7:47 PM	24.95
4/1/2018	6:47 PM	26.08
4/1/2018	5:47 PM	28.60
4/1/2018	4:47 PM	26.16
4/1/2018	3:47 PM	23.89
4/1/2018	2:47 PM	23.08
4/1/2018	1:47 PM	35.93
4/1/2018	12:47 PM	21.93
4/1/2018	11:47 AM	22.01
4/1/2018	10:47 AM	53.49
4/1/2018	9:46 AM	81.83
4/1/2018	8:46 AM	39.35
4/1/2018	7:46 AM	27.02
4/1/2018	6:46 AM	24.27
4/1/2018	5:46 AM	22.20
4/1/2018	4:46 AM	22.31
4/1/2018	3:46 AM	22.35
4/1/2018	2:46 AM	24.39
4/1/2018	1:46 AM	23.19
4/1/2018	12:46 AM	22.99
3/31/2018	11:46 PM	33.65
3/31/2018	10:46 PM	35.06
3/31/2018	9:46 PM	27.31
3/31/2018	8:46 PM	26.56
3/31/2018	7:46 PM	21.99
3/31/2018	6:46 PM	22.09

3/31/2018	5:46 PM	22.10	3/29/2018	6:46 PM	21.82
3/31/2018	4:46 PM	21.92	3/29/2018	5:46 PM	21.49
3/31/2018	3:46 PM	37.52	3/29/2018	4:45 PM	21.29
3/31/2018	2:46 PM	68.16	3/29/2018	3:45 PM	21.07
3/31/2018	1:46 PM	165.39	3/29/2018	2:45 PM	21.07
3/31/2018	12:46 PM	62.99	3/29/2018	1:45 PM	21.11
3/31/2018	11:46 AM	73.95	3/29/2018	12:45 PM	21.07
3/31/2018	10:46 AM	61.80	3/29/2018	11:45 AM	36.25
3/31/2018	9:46 AM	26.93	3/29/2018	10:45 AM	49.85
3/31/2018	8:46 AM	26.00	3/29/2018	9:45 AM	34.07
3/31/2018	7:46 AM	26.30	3/29/2018	8:45 AM	50.21
3/31/2018	6:46 AM	21.68	3/29/2018	7:45 AM	23.85
3/31/2018	5:46 AM	24.00	3/29/2018	6:45 AM	21.48
3/31/2018	4:46 AM	21.84	3/29/2018	5:45 AM	23.91
3/31/2018	3:46 AM	21.94	3/29/2018	4:45 AM	22.47
3/31/2018	2:46 AM	21.96	3/29/2018	3:45 AM	21.61
3/31/2018	1:46 AM	26.76	3/29/2018	2:45 AM	23.88
3/31/2018	12:46 AM	21.85	3/29/2018	1:45 AM	23.94
3/30/2018	11:46 PM	24.09	3/29/2018	12:45 AM	22.77
3/30/2018	10:46 PM	26.16	3/28/2018	11:45 PM	21.63
3/30/2018	9:46 PM	41.23	3/28/2018	10:45 PM	23.16
3/30/2018	8:46 PM	55.03	3/28/2018	9:45 PM	21.88
3/30/2018	7:46 PM	53.49	3/28/2018	8:45 PM	22.08
3/30/2018	6:46 PM	50.14	3/28/2018	7:45 PM	27.94
3/30/2018	5:46 PM	25.75	3/28/2018	6:45 PM	24.23
3/30/2018	4:46 PM	34.42	3/28/2018	5:45 PM	22.23
3/30/2018	3:46 PM	25.17	3/28/2018	4:45 PM	23.82
3/30/2018	2:46 PM	31.17	3/28/2018	3:45 PM	22.95
3/30/2018	1:46 PM	34.17	3/28/2018	2:45 PM	22.54
3/30/2018	12:46 PM	46.52	3/28/2018	1:45 PM	23.94
3/30/2018	11:46 AM	27.82	3/28/2018	12:45 PM	52.19
3/30/2018	10:46 AM	40.86	3/28/2018	11:45 AM	23.08
3/30/2018	9:46 AM	47.80	3/28/2018	10:45 AM	28.37
3/30/2018	8:46 AM	31.42	3/28/2018	9:45 AM	25.72
3/30/2018	7:46 AM	26.36	3/28/2018	8:45 AM	22.77
3/30/2018	6:46 AM	23.08	3/28/2018	7:45 AM	22.89
3/30/2018	5:46 AM	22.56	3/28/2018	6:45 AM	22.99
3/30/2018	4:46 AM	21.11	3/28/2018	5:45 AM	25.63
3/30/2018	3:46 AM	21.08	3/28/2018	4:45 AM	25.46
3/30/2018	2:46 AM	23.73	3/28/2018	3:45 AM	23.76
3/30/2018	1:46 AM	21.30	3/28/2018	2:45 AM	23.57
3/30/2018	12:46 AM	24.05	3/28/2018	1:45 AM	25.06
3/29/2018	11:46 PM	29.68	3/28/2018	12:45 AM	23.45
3/29/2018	10:46 PM	73.79	3/27/2018	11:45 PM	23.33
3/29/2018	9:46 PM	26.16	3/27/2018	10:45 PM	33.48
3/29/2018	8:46 PM	21.58	3/27/2018	9:45 PM	25.88
3/29/2018	7:46 PM	21.75	3/27/2018	8:45 PM	30.85

3/27/2018	7:45 PM	27.64	3/25/2018	8:44 PM	22.87
3/27/2018	6:45 PM	42.82	3/25/2018	7:44 PM	25.65
3/27/2018	5:45 PM	24.85	3/25/2018	6:44 PM	26.72
3/27/2018	4:45 PM	23.62	3/25/2018	5:44 PM	39.48
3/27/2018	3:45 PM	33.06	3/25/2018	4:44 PM	23.11
3/27/2018	2:45 PM	34.05	3/25/2018	3:44 PM	24.85
3/27/2018	1:45 PM	36.26	3/25/2018	2:44 PM	23.28
3/27/2018	12:44 PM	43.80	3/25/2018	1:44 PM	23.99
3/27/2018	11:44 AM	23.65	3/25/2018	12:44 PM	22.99
3/27/2018	10:44 AM	24.70	3/25/2018	11:44 AM	22.73
3/27/2018	9:44 AM	24.86	3/25/2018	10:44 AM	32.61
3/27/2018	8:44 AM	25.46	3/25/2018	9:44 AM	23.03
3/27/2018	7:44 AM	25.89			
3/27/2018	6:44 AM	23.11	Total Consumption	40,787.86	
3/27/2018	5:44 AM	23.03	Earliest: 3/25/18 09:44		
3/27/2018	4:44 AM	23.22	Latest: 4/12/18 09:51		
3/27/2018	3:44 AM	23.24	Units: Gallons/Hour		
3/27/2018	2:44 AM	24.64			
3/27/2018	1:44 AM	24.64	Irrigation System		
3/27/2018	12:44 AM	24.81			
3/26/2018	11:44 PM	24.84			
3/26/2018	10:44 PM	24.33			
3/26/2018	9:44 PM	44.98			
3/26/2018	8:44 PM	23.20			
3/26/2018	7:44 PM	38.54			
3/26/2018	6:44 PM	30.31			
3/26/2018	5:44 PM	26.22			
3/26/2018	4:44 PM	23.22			
3/26/2018	3:44 PM	27.19			
3/26/2018	2:44 PM	36.70			
3/26/2018	1:44 PM	37.97			
3/26/2018	12:44 PM	41.19			
3/26/2018	11:44 AM	45.37			
3/26/2018	10:44 AM	52.86			
3/26/2018	9:44 AM	28.26			
3/26/2018	8:44 AM	23.96			
3/26/2018	7:44 AM	22.57			
3/26/2018	6:44 AM	23.71			
3/26/2018	5:44 AM	26.90			
3/26/2018	4:44 AM	22.92			
3/26/2018	3:44 AM	23.02			
3/26/2018	2:44 AM	23.11			
3/26/2018	1:44 AM	23.09			
3/26/2018	12:44 AM	26.92			
3/25/2018	11:44 PM	22.79			
3/25/2018	10:44 PM	23.79			
3/25/2018	9:44 PM	24.50			



14 April 2018 – After my water softener exploded from excess pressure, Texas Blue Water excavated the original repair by the QROMEX contractor, showing absence of pressure reducing device originally installed there by Texas Blue Water.



14 April 2018 – After my water softener exploded from excess pressure, Texas Blue Water excavated the original repair by the QROMEX contractor, showing absence of pressure reducing device originally installed there by Texas Blue Water.

PHOTO #4





water
manager
↓

NOTE POSITION OF LID TO SMALL VALVE BOX

PHOTO #5





Water
manager
→ NOTE POSITION OF LID TO SMALL VALVE BOX
PHOTO #6





water
meter →

NOTE SIZE OF H/D

PHOTO #7



12 April 2018 – Approximate location of the iron utility cover discovered and removed by city water department personnel.



12 April 2018 – Approximate location of the iron utility cover discovered and removed by city water department personnel.



12 April 2018 – Approximate location of the iron utility cover discovered and removed by city water department personnel. Note the slot cut in the larger of the two valve boxes where the iron cover was inserted (presumably by either the water pipe/pavement contractor or city personnel installing the new water meters.



12 April 2018 – Approximate location of the iron utility cover discovered and removed by city water department personnel. Note the slot cut in the larger of the two valve boxes where the iron cover was inserted (presumably by either the water pipe/pavement contractor or city personnel installing the new water meters.

water manager → NOTE, DEPTH OF 90° ELBOW : TOP OF SMALL VALVE BOX
IF LID WAS ON ELBOW IT WOULD HAVE STUCK OUT OF GROUND DUE TO SIZE. PHOTO #8



12 April 2018 – Clearer shot of the cutout on the larger valve box where the iron cover was inserted vertically.



12 April 2018 – Clearer shot of the cutout on the larger valve box where the iron cover was inserted vertically.

PHOTO #10



12 April 2018 – Closeup of one of two 90 degree fittings that the iron cover was directly touching.



12 April 2018 – Closeup of one of two 90 degree fittings that the iron cover was directly touching.

Water Manager
↓ 90° ELBOW SHOWS SIGNS OF CORROSION AND DETERIORATION

PHOTO # 11

9-7-18

On April 12 of 2018 Chris and I went to 9622 Primrose for a leak report. After locating the leak we found it on the residents side between the Meter nipple and the customer shut off valve box. He said he was going to get a plumber out so we dug everything up to expose the leak for him. We saw that there was 2 metal plates around the meter box as if to hold the box in place

Orlene E. Scognio

Chris Graef

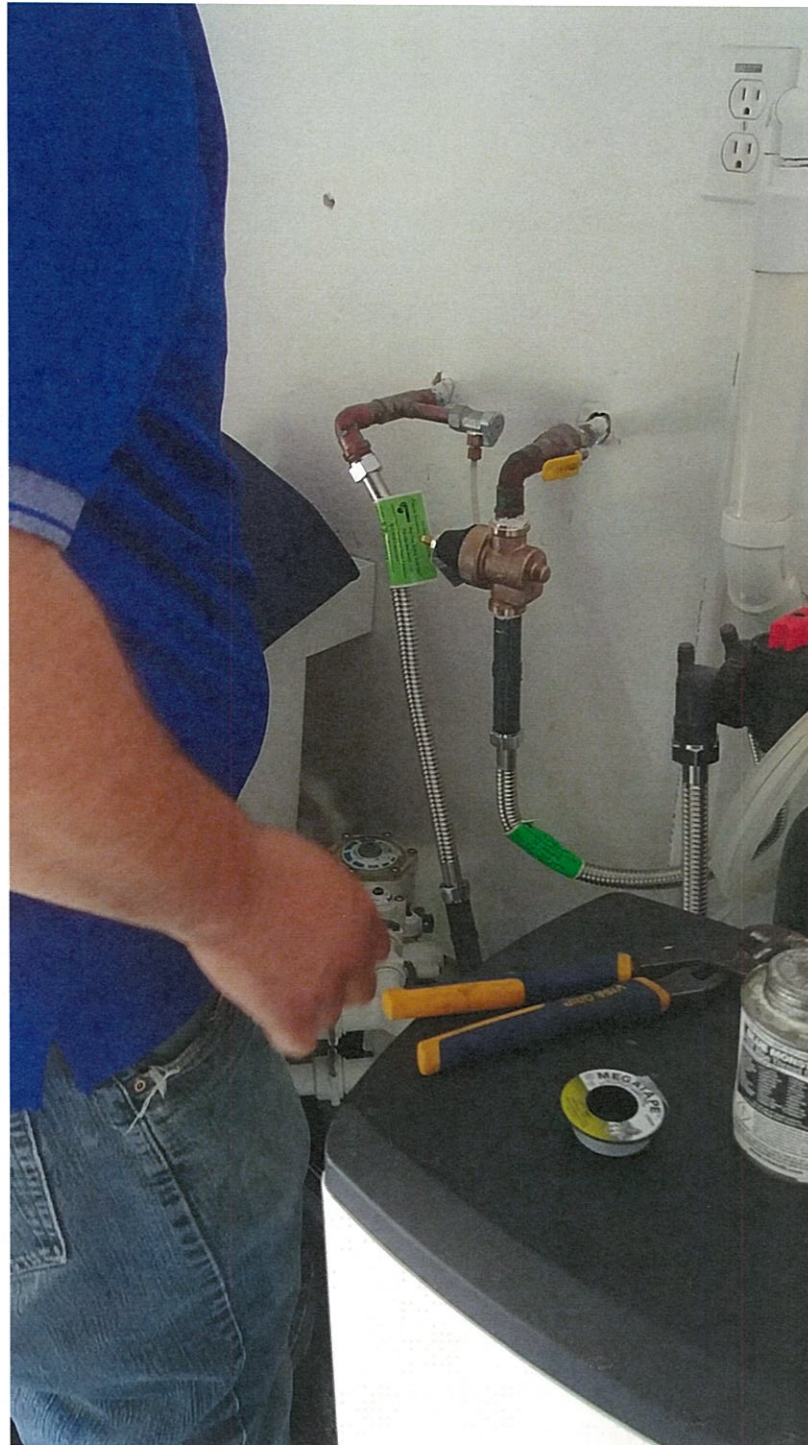
9-7-18

On April 12th Duane and I were called out to 9622 Primrose for water coming out of the Meter Box. We immediately shut the water off and pumped it out. After pumping the Box out we started to dig the Box up to locate the leak. Noticed there was 2 Meter Box lids surrounding the Meter Box holding it in place. As we located the leak we noticed the leak was on his side in between the Meter nipple and the Customer Valve Box. After showing him the leak he said he was going to call a plumber, we cleaned up and ran a Laptop Read.

Chris Graef

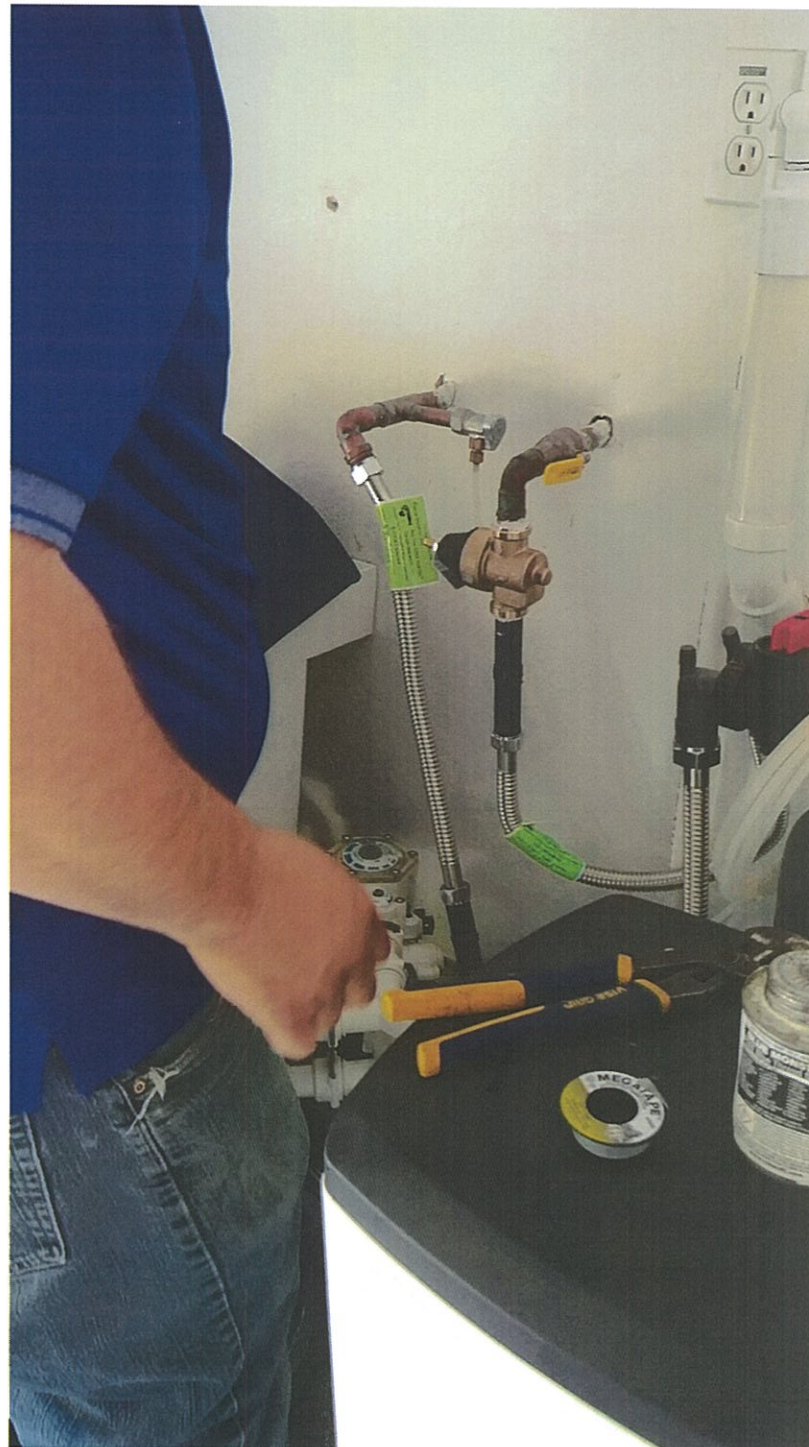
ITEM # 9

Texas Blue Water
inserting temporary
small pressure
reducer on 14 April
2018 to protect the
rest of my home until
the larger reducer
could be ordered
and installed, which
occurred later in
April.



Texas Blue Water
inserting temporary
small pressure
reducer on 14 April
2018 to protect the
rest of my home until
the larger reducer
could be ordered
and installed, which
occurred later in
April.

water
manager
↓
NOT A licensed
PLUMBER, CAN NOT
INSTALL PRESSURE
REDUCING VALVE.

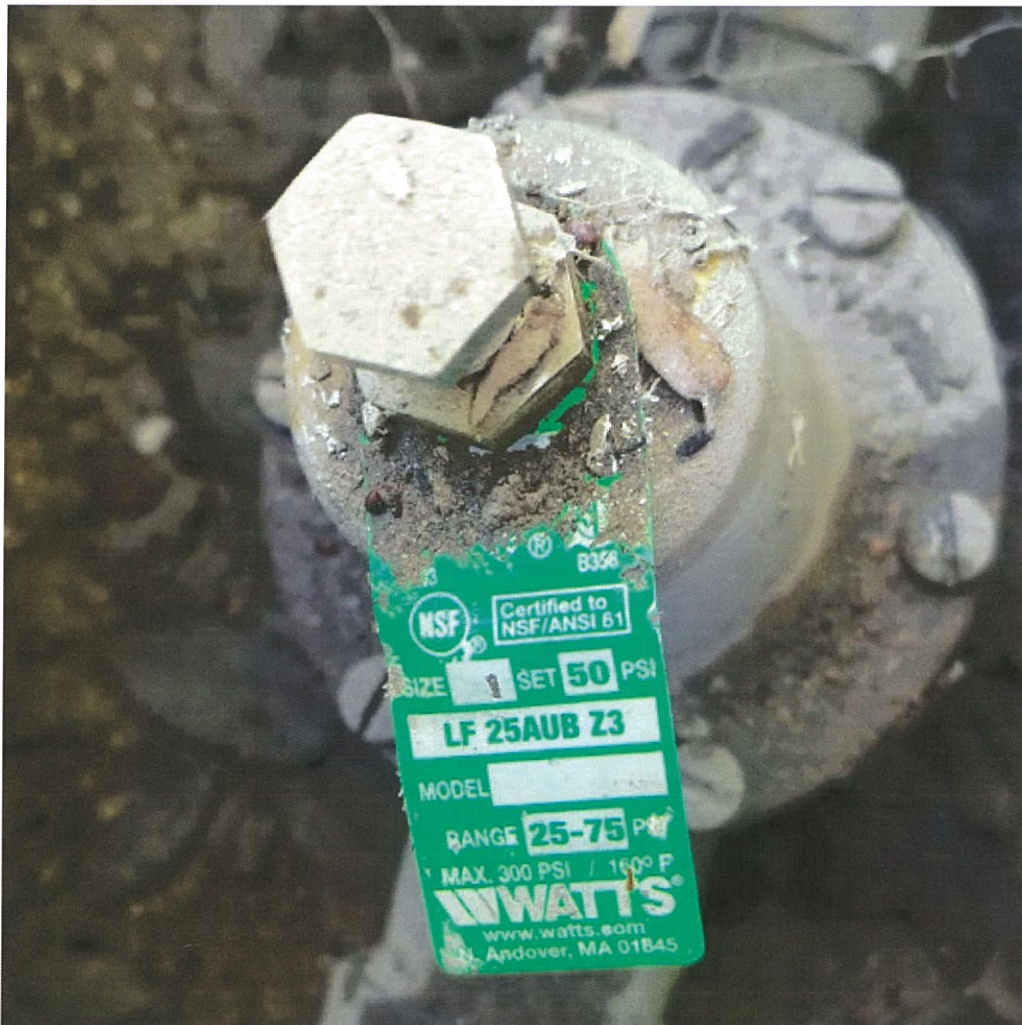


Water Manager

From: Royce Goddard (via Google Photos) <noreply-bed2b313e92ec80d3cdd098371e1673d@google.com>
Sent: Wednesday, September 12, 2018 2:16 PM
To: Water Manager
Subject: Royce Goddard shared 1 photo with you



Royce Goddard shared a photo with you



[VIEW PHOTO](#)

IMPROPER SIZE

P.R.V.

MUST BE 15-150 PSI RANGE.

PHOTO # 13



18 April 2018 – Discovered another leak further down the line toward my house (about three feet from the previous work, at the point the main water line goes under the slab. The 45 degree fitting (which I still have) was said by Bettencourt Plumbing to have been caused by excess pressure.



18 April 2018 – Discovered another leak further down the line toward my house (about three feet from the previous work, at the point the main water line goes under the slab. The 45 degree fitting (which I still have) was said by Bettencourt Plumbing to have been caused by excess pressure.

water
manager
→ NOTE LOCATION OF IRRIGATION LINE FROM DRIVEWAY
NOTE ROOTS

PHOTO #14



18 April 2018 – Tape measurer pointing to 45 degree fitting that was leaking (while water is turned off).



18 April 2018 – Tape measurer pointing to 45 degree fitting that was leaking (while water is turned off).

water manager
→ Note Roots,

PHOTO #15



18 April 2018 – Tape measurer pointing to leading 45 degree fitting (after water is turned back on).



18 April 2018 – Tape measurer pointing to leading 45 degree fitting (after water is turned back on).

water manager
↓ WHAT IS AGE OF PVC FITTINGS INSTALLATION?
WHERE IS SLEEVES UNDER DRIVEWAY

PHOTO #16



18 April 2018 – Repair made by Bettencourt Plumbing of 45 fitting as it goes under the driveway slab.



18 April 2018 – Repair made by Bettencourt Plumbing of 45 fitting as it goes under the driveway slab.

water manager → No SLEEVE FOR WATER LINE UNDER DRIVEWAY AS REQUIRED BY
BUILDING CODES / PLUMBING CODES

PHOTO #17



July 2018 – First leak discovered by Prolific Irrigation showing wooden stake presumably used by QROMEX to place concrete forms for the new portion of my driveway (with water turned off.)

PHOTO # 1B



July 2018 – First leak discovered by Prolific Irrigation showing wooden stake presumably used by QROMEX to place concrete forms for the new portion of my driveway (with water turned on.)

Photo #19

Area of irrigation leak excavated by Proflific Irrigation where they found the new driveway had been poured over top the existing irrigation line and sprinkler heads.



Area of irrigation leak
excavated by Proflific
Irrigation where they
found the new
driveway had been
poured over top the
existing irrigation line
and sprinkler heads.

water
manager
↓

DOES NOT SHOW
LINE UNDER DRIVE



PHOTO #20

Area of irrigation leak replaced by Prolific Irrigation where they found the new driveway had been poured over top the existing irrigation line and sprinkler heads. Similar work was done on the other side of the driveway where the line and sprinkler heads were also damaged (adjacent to mail box)



Area of irrigation leak replaced by Prolific Irrigation where they found the new driveway had been poured over top the existing irrigation line and sprinkler heads. Similar work was done on the other side of the driveway where the line and sprinkler heads were also damaged (adjacent to mail box)



← water manager

PHOTO #21



water manager → NOTE LOCATION OF IRRIGATION HEADS TO DRIVE
MUST BE AT LEAST 6" FROM EDGE OF DRIVEWAY.

PHOTO #22



water manager → TO SHOW ACTUAL DISTANCES THAT PHOTO # 20 & # 21 ARE MISLEADING IN SIZE.

PHOTO # 23

Date	Time	Consumption	9622 Primrose Circle, Moreland, James 9/7/18		
9/7/2018	11:50 AM	20.30	9/5/2018	1:49 PM	0.00
9/7/2018	10:50 AM	5.80	9/5/2018	12:49 PM	0.00
9/7/2018	9:50 AM	0.00	9/5/2018	11:49 AM	1.34
9/7/2018	8:50 AM	0.00	9/5/2018	10:49 AM	6.79
9/7/2018	7:50 AM	0.00	9/5/2018	9:49 AM	0.00
9/7/2018	6:50 AM	0.00	9/5/2018	8:49 AM	0.00
9/7/2018	5:50 AM	1.16	9/5/2018	7:49 AM	0.00
9/7/2018	4:50 AM	0.00	9/5/2018	6:49 AM	0.00
9/7/2018	3:50 AM	1.43	9/5/2018	5:49 AM	1.99
9/7/2018	2:50 AM	0.00	9/5/2018	4:49 AM	0.00
9/7/2018	1:50 AM	0.27	9/5/2018	3:49 AM	0.00
9/7/2018	12:50 AM	2.00	9/5/2018	2:49 AM	0.00
9/6/2018	11:50 PM	1.26	9/5/2018	1:49 AM	1.24
9/6/2018	10:50 PM	4.70	9/5/2018	12:49 AM	0.00
9/6/2018	9:50 PM	7.91	9/4/2018	11:49 PM	87.59
9/6/2018	8:50 PM	10.83	9/4/2018	10:49 PM	96.76
9/6/2018	7:50 PM	12.95	9/4/2018	9:49 PM	1.68
9/6/2018	6:50 PM	15.86	9/4/2018	8:49 PM	1.33
9/6/2018	5:50 PM	0.00	9/4/2018	7:49 PM	0.00
9/6/2018	4:50 PM	11.11	9/4/2018	6:49 PM	2.51
9/6/2018	3:50 PM	0.00	9/4/2018	5:49 PM	2.89
9/6/2018	2:50 PM	0.00	9/4/2018	4:49 PM	2.33
9/6/2018	1:50 PM	6.50	9/4/2018	3:49 PM	24.49
9/6/2018	12:50 PM	0.00	9/4/2018	2:49 PM	2.29
9/6/2018	11:50 AM	9.42	9/4/2018	1:49 PM	0.00
9/6/2018	10:50 AM	0.00	9/4/2018	12:49 PM	8.11
9/6/2018	9:50 AM	2.57	9/4/2018	11:49 AM	0.00
9/6/2018	8:50 AM	2.22	9/4/2018	10:49 AM	0.00
9/6/2018	7:50 AM	2.04	9/4/2018	9:49 AM	0.00
9/6/2018	6:50 AM	2.00	9/4/2018	8:49 AM	0.00
9/6/2018	5:50 AM	0.00	9/4/2018	7:49 AM	3.06
9/6/2018	4:50 AM	0.00	9/4/2018	6:49 AM	2.20
9/6/2018	3:50 AM	0.00	9/4/2018	5:49 AM	2.03
9/6/2018	2:50 AM	0.00	9/4/2018	4:49 AM	0.00
9/6/2018	1:49 AM	1.27	9/4/2018	3:49 AM	2.98
9/6/2018	12:49 AM	2.03	9/4/2018	2:49 AM	0.00
9/5/2018	11:49 PM	0.00	9/4/2018	1:49 AM	0.00
9/5/2018	10:49 PM	0.41	9/4/2018	12:49 AM	1.25
9/5/2018	9:49 PM	3.25	9/3/2018	11:49 PM	1.42
9/5/2018	8:49 PM	0.00	9/3/2018	10:49 PM	0.00
9/5/2018	7:49 PM	0.00	9/3/2018	9:49 PM	3.51
9/5/2018	6:49 PM	2.18	9/3/2018	8:49 PM	1.31
9/5/2018	5:49 PM	16.37	9/3/2018	7:49 PM	3.75
9/5/2018	4:49 PM	40.31	9/3/2018	6:49 PM	27.71
9/5/2018	3:49 PM	0.45	9/3/2018	5:49 PM	39.49
9/5/2018	2:49 PM	0.00	9/3/2018	4:49 PM	1.23

Item #17

9/3/2018	3:49 PM	2.77	9/1/2018	4:48 PM	1.27
9/3/2018	2:49 PM	11.16	9/1/2018	3:48 PM	8.31
9/3/2018	1:49 PM	13.00	9/1/2018	2:48 PM	2.02
9/3/2018	12:49 PM	18.72	9/1/2018	1:48 PM	17.11
9/3/2018	11:49 AM	9.88	9/1/2018	12:48 PM	4.84
9/3/2018	10:49 AM	18.52	9/1/2018	11:48 AM	5.37
9/3/2018	9:49 AM	0.00	9/1/2018	10:48 AM	25.78
9/3/2018	8:48 AM	0.00	9/1/2018	9:48 AM	137.17
9/3/2018	7:48 AM	1.99	9/1/2018	8:48 AM	1.29
9/3/2018	6:48 AM	0.00	9/1/2018	7:48 AM	0.21
9/3/2018	5:48 AM	0.00	9/1/2018	6:48 AM	0.00
9/3/2018	4:48 AM	0.00	9/1/2018	5:48 AM	0.00
9/3/2018	3:48 AM	1.27	9/1/2018	4:47 AM	0.00
9/3/2018	2:48 AM	4.72	9/1/2018	3:47 AM	54.70
9/3/2018	1:48 AM	2.97	9/1/2018	2:47 AM	4.55
9/3/2018	12:48 AM	2.88	9/1/2018	1:47 AM	0.00
9/2/2018	11:48 PM	0.00	9/1/2018	12:47 AM	4.22
9/2/2018	10:48 PM	0.00	8/31/2018	11:47 PM	4.39
9/2/2018	9:48 PM	0.00	8/31/2018	10:47 PM	12.96
9/2/2018	8:48 PM	0.00	8/31/2018	9:47 PM	18.97
9/2/2018	7:48 PM	0.00	8/31/2018	8:47 PM	4.07
9/2/2018	6:48 PM	9.21	8/31/2018	7:47 PM	11.58
9/2/2018	5:48 PM	18.05	8/31/2018	6:47 PM	2.04
9/2/2018	4:48 PM	2.97	8/31/2018	5:47 PM	9.86
9/2/2018	3:48 PM	9.67	8/31/2018	4:47 PM	0.00
9/2/2018	2:48 PM	1.26	8/31/2018	3:47 PM	22.23
9/2/2018	1:48 PM	0.00	8/31/2018	2:47 PM	9.18
9/2/2018	12:48 PM	0.00	8/31/2018	1:47 PM	1.44
9/2/2018	11:48 AM	3.06	8/31/2018	12:47 PM	21.41
9/2/2018	10:48 AM	28.61	8/31/2018	11:47 AM	3.27
9/2/2018	9:48 AM	1.67	8/31/2018	10:47 AM	0.00
9/2/2018	8:48 AM	21.64	8/31/2018	9:47 AM	0.00
9/2/2018	7:48 AM	0.00	8/31/2018	8:47 AM	3.83
9/2/2018	6:48 AM	40.96	8/31/2018	7:47 AM	0.00
9/2/2018	5:48 AM	4.11	8/31/2018	6:47 AM	0.00
9/2/2018	4:48 AM	0.00	8/31/2018	5:47 AM	1.37
9/2/2018	3:48 AM	0.00	8/31/2018	4:47 AM	0.00
9/2/2018	2:48 AM	0.00	8/31/2018	3:47 AM	0.00
9/2/2018	1:48 AM	1.49	8/31/2018	2:47 AM	0.00
9/2/2018	12:48 AM	0.00	8/31/2018	1:47 AM	0.00
9/1/2018	11:48 PM	4.39	8/31/2018	12:47 AM	0.00
9/1/2018	10:48 PM	34.09	8/30/2018	11:47 PM	0.00
9/1/2018	9:48 PM	7.98	8/30/2018	10:47 PM	3.56
9/1/2018	8:48 PM	10.21	8/30/2018	9:47 PM	2.92
9/1/2018	7:48 PM	1.31	8/30/2018	8:47 PM	1.80
9/1/2018	6:48 PM	0.00	8/30/2018	7:47 PM	2.21
9/1/2018	5:48 PM	6.63	8/30/2018	6:47 PM	1.16

8/30/2018	5:47 PM	1.48	8/28/2018	6:46 PM	24.00
8/30/2018	4:47 PM	13.33	8/28/2018	5:46 PM	1.81
8/30/2018	3:47 PM	0.00	8/28/2018	4:46 PM	1.28
8/30/2018	2:47 PM	0.00	8/28/2018	3:46 PM	2.00
8/30/2018	1:47 PM	6.88	8/28/2018	2:46 PM	2.66
8/30/2018	12:47 PM	274.29	8/28/2018	1:46 PM	0.00
8/30/2018	11:47 AM	217.71	8/28/2018	12:46 PM	0.00
8/30/2018	10:47 AM	20.70	8/28/2018	11:46 AM	0.00
8/30/2018	9:47 AM	0.00	8/28/2018	10:46 AM	0.00
8/30/2018	8:47 AM	4.20	8/28/2018	9:46 AM	2.91
8/30/2018	7:47 AM	4.00	8/28/2018	8:46 AM	0.00
8/30/2018	6:47 AM	0.00	8/28/2018	7:46 AM	0.00
8/30/2018	5:47 AM	0.00	8/28/2018	6:46 AM	211.87
8/30/2018	4:47 AM	1.99	8/28/2018	5:46 AM	1,229.14
8/30/2018	3:47 AM	0.00	8/28/2018	4:46 AM	1,131.64
8/30/2018	2:47 AM	0.00	8/28/2018	3:46 AM	1,410.81
8/30/2018	1:47 AM	0.00	8/28/2018	2:46 AM	1,607.84
8/30/2018	12:47 AM	0.00	8/28/2018	1:46 AM	376.23
8/29/2018	11:47 PM	0.00	8/28/2018	12:46 AM	671.82
8/29/2018	10:47 PM	1.87	8/27/2018	11:46 PM	1.24
8/29/2018	9:47 PM	2.54	8/27/2018	10:46 PM	1.25
8/29/2018	8:47 PM	1.74	8/27/2018	9:46 PM	0.00
8/29/2018	7:47 PM	4.04	8/27/2018	8:46 PM	2.23
8/29/2018	6:47 PM	0.00	8/27/2018	7:46 PM	25.03
8/29/2018	5:47 PM	1.26	8/27/2018	6:46 PM	5.96
8/29/2018	4:47 PM	1.26	8/27/2018	5:46 PM	28.73
8/29/2018	3:47 PM	1.28	8/27/2018	4:46 PM	5.92
8/29/2018	2:47 PM	17.53	8/27/2018	3:46 PM	1.94
8/29/2018	1:47 PM	2.11	8/27/2018	2:46 PM	1.27
8/29/2018	12:47 PM	0.00	8/27/2018	1:46 PM	1.40
8/29/2018	11:46 AM	3.85	8/27/2018	12:46 PM	0.00
8/29/2018	10:46 AM	4.18	8/27/2018	11:46 AM	3.39
8/29/2018	9:46 AM	3.30	8/27/2018	10:46 AM	5.02
8/29/2018	8:46 AM	2.03	8/27/2018	9:46 AM	2.77
8/29/2018	7:46 AM	0.00	8/27/2018	8:46 AM	0.00
8/29/2018	6:46 AM	0.00	8/27/2018	7:46 AM	2.09
8/29/2018	5:46 AM	280.73	8/27/2018	6:46 AM	2.07
8/29/2018	4:46 AM	1,236.08	8/27/2018	5:46 AM	1.97
8/29/2018	3:46 AM	1,131.89	8/27/2018	4:46 AM	0.00
8/29/2018	2:46 AM	1,456.02	8/27/2018	3:46 AM	0.00
8/29/2018	1:46 AM	1,520.85	8/27/2018	2:46 AM	0.00
8/29/2018	12:46 AM	431.48	8/27/2018	1:46 AM	1.40
8/28/2018	11:46 PM	0.00	8/27/2018	12:46 AM	0.00
8/28/2018	10:46 PM	3.27	8/26/2018	11:46 PM	0.00
8/28/2018	9:46 PM	0.00	8/26/2018	10:46 PM	1.26
8/28/2018	8:46 PM	0.00	8/26/2018	9:46 PM	7.25
8/28/2018	7:46 PM	13.79	8/26/2018	8:46 PM	17.24

8/26/2018	7:46 PM	0.00	8/24/2018	8:45 PM	5.76
8/26/2018	6:45 PM	54.85	8/24/2018	7:45 PM	1.25
8/26/2018	5:45 PM	1.47	8/24/2018	6:45 PM	4.44
8/26/2018	4:45 PM	1.40	8/24/2018	5:45 PM	10.61
8/26/2018	3:45 PM	4.14	8/24/2018	4:45 PM	7.36
8/26/2018	2:45 PM	6.97	8/24/2018	3:45 PM	0.00
8/26/2018	1:45 PM	7.75	8/24/2018	2:44 PM	1.31
8/26/2018	12:45 PM	12.03	8/24/2018	1:44 PM	1.28
8/26/2018	11:45 AM	20.24	8/24/2018	12:44 PM	4.12
8/26/2018	10:45 AM	3.07	8/24/2018	11:44 AM	32.34
8/26/2018	9:45 AM	12.01	8/24/2018	10:44 AM	1.34
8/26/2018	8:45 AM	9.29	8/24/2018	9:44 AM	1.26
8/26/2018	7:45 AM	3.33	8/24/2018	8:44 AM	1.99
8/26/2018	6:45 AM	0.00	8/24/2018	7:44 AM	3.78
8/26/2018	5:45 AM	2.06	8/24/2018	6:44 AM	3.16
8/26/2018	4:45 AM	1.98	8/24/2018	5:44 AM	0.00
8/26/2018	3:45 AM	0.00	8/24/2018	4:44 AM	0.00
8/26/2018	2:45 AM	0.00	8/24/2018	3:44 AM	2.08
8/26/2018	1:45 AM	0.00	8/24/2018	2:44 AM	0.00
8/26/2018	12:45 AM	1.40	8/24/2018	1:44 AM	2.03
8/25/2018	11:45 PM	0.00	8/24/2018	12:44 AM	2.06
8/25/2018	10:45 PM	0.00	8/23/2018	11:44 PM	2.02
8/25/2018	9:45 PM	4.40	8/23/2018	10:44 PM	1.27
8/25/2018	8:45 PM	9.53	8/23/2018	9:44 PM	9.71
8/25/2018	7:45 PM	8.03	8/23/2018	8:44 PM	0.00
8/25/2018	6:45 PM	22.19	8/23/2018	7:44 PM	0.00
8/25/2018	5:45 PM	0.00	8/23/2018	6:44 PM	0.00
8/25/2018	4:45 PM	10.35	8/23/2018	5:44 PM	0.00
8/25/2018	3:45 PM	0.00	8/23/2018	4:44 PM	0.00
8/25/2018	2:45 PM	3.88	8/23/2018	3:44 PM	0.00
8/25/2018	1:45 PM	0.00	8/23/2018	2:44 PM	0.00
8/25/2018	12:45 PM	0.00	8/23/2018	1:44 PM	0.00
8/25/2018	11:45 AM	0.00	8/23/2018	12:44 PM	0.00
8/25/2018	10:45 AM	0.00	8/23/2018	11:44 AM	0.00
8/25/2018	9:45 AM	6.37	8/23/2018	10:44 AM	0.00
8/25/2018	8:45 AM	21.29	8/23/2018	9:44 AM	0.00
8/25/2018	7:45 AM	0.70	8/23/2018	8:44 AM	0.00
8/25/2018	6:45 AM	2.06	8/23/2018	7:44 AM	0.00
8/25/2018	5:45 AM	0.00	8/23/2018	6:44 AM	0.00
8/25/2018	4:45 AM	0.00	8/23/2018	5:44 AM	0.00
8/25/2018	3:45 AM	0.00	8/23/2018	4:44 AM	0.00
8/25/2018	2:45 AM	0.00	8/23/2018	3:44 AM	0.00
8/25/2018	1:45 AM	2.05	8/23/2018	2:44 AM	0.00
8/25/2018	12:45 AM	0.00	8/23/2018	1:44 AM	0.00
8/24/2018	11:45 PM	0.00	8/23/2018	12:44 AM	0.00
8/24/2018	10:45 PM	2.20	8/22/2018	11:44 PM	0.00
8/24/2018	9:45 PM	7.01	8/22/2018	10:44 PM	0.00

8/22/2018	9:44 PM	0.00	8/20/2018	10:43 PM	0.00
8/22/2018	8:44 PM	0.00	8/20/2018	9:43 PM	0.00
8/22/2018	7:44 PM	0.00	8/20/2018	8:43 PM	0.00
8/22/2018	6:44 PM	0.00	8/20/2018	7:43 PM	0.00
8/22/2018	5:44 PM	228.22	8/20/2018	6:43 PM	0.00
8/22/2018	4:44 PM	182.32	8/20/2018	5:43 PM	0.00
8/22/2018	3:44 PM	0.00	8/20/2018	4:43 PM	0.00
8/22/2018	2:44 PM	0.00	8/20/2018	3:43 PM	0.00
8/22/2018	1:44 PM	0.00	8/20/2018	2:43 PM	0.00
8/22/2018	12:44 PM	0.00	8/20/2018	1:43 PM	0.00
8/22/2018	11:44 AM	0.00	8/20/2018	12:43 PM	0.00
8/22/2018	10:44 AM	0.00	8/20/2018	11:43 AM	0.00
8/22/2018	9:44 AM	0.00	8/20/2018	10:43 AM	0.00
8/22/2018	8:44 AM	0.00	8/20/2018	9:43 AM	0.00
8/22/2018	7:44 AM	0.00	8/20/2018	8:43 AM	0.00
8/22/2018	6:44 AM	0.00	8/20/2018	7:43 AM	0.00
8/22/2018	5:44 AM	333.51	8/20/2018	6:43 AM	0.00
8/22/2018	4:44 AM	1,282.10	8/20/2018	5:43 AM	0.00
8/22/2018	3:44 AM	1,152.06	8/20/2018	4:43 AM	0.00
8/22/2018	2:44 AM	1,498.97	8/20/2018	3:43 AM	0.00
8/22/2018	1:44 AM	1,448.07	8/20/2018	2:43 AM	0.00
8/22/2018	12:44 AM	479.81	8/20/2018	1:43 AM	0.00
8/21/2018	11:44 PM	562.19	8/20/2018	12:43 AM	0.00
8/21/2018	10:44 PM	0.00	8/19/2018	11:43 PM	0.00
8/21/2018	9:43 PM	0.00	8/19/2018	10:43 PM	0.00
8/21/2018	8:43 PM	0.00	8/19/2018	9:43 PM	0.00
8/21/2018	7:43 PM	0.00	8/19/2018	8:43 PM	0.00
8/21/2018	6:43 PM	0.00	8/19/2018	7:43 PM	0.00
8/21/2018	5:43 PM	0.00	8/19/2018	6:43 PM	0.00
8/21/2018	4:43 PM	0.00	8/19/2018	5:42 PM	0.00
8/21/2018	3:43 PM	0.00	8/19/2018	4:42 PM	0.00
8/21/2018	2:43 PM	0.00	8/19/2018	3:42 PM	0.00
8/21/2018	1:43 PM	0.00	8/19/2018	2:42 PM	0.00
8/21/2018	12:43 PM	0.00	8/19/2018	1:42 PM	0.00
8/21/2018	11:43 AM	0.00	8/19/2018	12:42 PM	0.00
8/21/2018	10:43 AM	0.00	8/19/2018	11:42 AM	0.00
8/21/2018	9:43 AM	0.00	8/19/2018	10:42 AM	0.00
8/21/2018	8:43 AM	0.00	8/19/2018	9:42 AM	0.00
8/21/2018	7:43 AM	0.00	8/19/2018	8:42 AM	0.00
8/21/2018	6:43 AM	262.83	8/19/2018	7:42 AM	0.00
8/21/2018	5:43 AM	1,218.30	8/19/2018	6:42 AM	0.00
8/21/2018	4:43 AM	1,161.06	8/19/2018	5:42 AM	0.00
8/21/2018	3:43 AM	1,465.47	8/19/2018	4:42 AM	0.00
8/21/2018	2:43 AM	1,559.31	8/19/2018	3:42 AM	0.00
8/21/2018	1:43 AM	416.61	8/19/2018	2:42 AM	0.00
8/21/2018	12:43 AM	632.06	8/19/2018	1:42 AM	0.00
8/20/2018	11:43 PM	0.00	8/19/2018	12:42 AM	0.00

8/18/2018	11:42 PM	0.00	8/17/2018	12:41 AM	0.00
8/18/2018	10:42 PM	0.00	8/16/2018	11:41 PM	0.00
8/18/2018	9:42 PM	0.00	8/16/2018	10:41 PM	0.00
8/18/2018	8:42 PM	0.00	8/16/2018	9:41 PM	0.00
8/18/2018	7:42 PM	0.00	8/16/2018	8:41 PM	0.00
8/18/2018	6:42 PM	0.00	8/16/2018	7:41 PM	0.00
8/18/2018	5:42 PM	0.00	8/16/2018	6:41 PM	0.00
8/18/2018	4:42 PM	0.00	8/16/2018	5:41 PM	0.00
8/18/2018	3:42 PM	0.00	8/16/2018	4:41 PM	0.00
8/18/2018	2:42 PM	0.00	8/16/2018	3:41 PM	250.93
8/18/2018	1:42 PM	0.00	8/16/2018	2:41 PM	314.40
8/18/2018	12:42 PM	0.00	8/16/2018	1:41 PM	4.04
8/18/2018	11:42 AM	0.00	8/16/2018	12:41 PM	0.00
8/18/2018	10:42 AM	0.00	8/16/2018	11:41 AM	0.00
8/18/2018	9:42 AM	0.00	8/16/2018	10:41 AM	0.00
8/18/2018	8:42 AM	0.00	8/16/2018	9:41 AM	0.00
8/18/2018	7:42 AM	0.00	8/16/2018	8:41 AM	0.00
8/18/2018	6:42 AM	0.00	8/16/2018	7:41 AM	0.00
8/18/2018	5:42 AM	0.00	8/16/2018	6:41 AM	0.00
8/18/2018	4:42 AM	0.00	8/16/2018	5:41 AM	0.00
8/18/2018	3:42 AM	0.00	8/16/2018	4:41 AM	0.00
8/18/2018	2:42 AM	0.00	8/16/2018	3:41 AM	0.00
8/18/2018	1:42 AM	0.00	8/16/2018	2:41 AM	0.00
8/18/2018	12:42 AM	0.00	8/16/2018	1:41 AM	0.00
8/17/2018	11:42 PM	0.00	8/16/2018	12:41 AM	0.00
8/17/2018	10:42 PM	0.00	8/15/2018	11:41 PM	0.00
8/17/2018	9:42 PM	0.00	8/15/2018	10:41 PM	0.00
8/17/2018	8:42 PM	0.00	8/15/2018	9:41 PM	0.00
8/17/2018	7:42 PM	0.00	8/15/2018	8:41 PM	0.00
8/17/2018	6:42 PM	0.00	8/15/2018	7:41 PM	0.00
8/17/2018	5:42 PM	0.83	8/15/2018	6:41 PM	0.00
8/17/2018	4:42 PM	0.00	8/15/2018	5:41 PM	0.00
8/17/2018	3:42 PM	0.00	8/15/2018	4:41 PM	0.00
8/17/2018	2:42 PM	0.00	8/15/2018	3:41 PM	0.00
8/17/2018	1:42 PM	0.00	8/15/2018	2:41 PM	0.00
8/17/2018	12:42 PM	0.00	8/15/2018	1:41 PM	0.00
8/17/2018	11:42 AM	0.00	8/15/2018	12:41 PM	0.00
8/17/2018	10:42 AM	0.00	8/15/2018	11:41 AM	0.00
8/17/2018	9:42 AM	0.00	8/15/2018	10:41 AM	0.00
8/17/2018	8:42 AM	0.00	8/15/2018	9:41 AM	0.00
8/17/2018	7:42 AM	0.00	8/15/2018	8:41 AM	0.00
8/17/2018	6:42 AM	0.00	8/15/2018	7:41 AM	0.00
8/17/2018	5:42 AM	0.00	8/15/2018	6:41 AM	0.00
8/17/2018	4:42 AM	0.00	8/15/2018	5:41 AM	371.43
8/17/2018	3:42 AM	0.00	8/15/2018	4:41 AM	1,230.49
8/17/2018	2:42 AM	0.00	8/15/2018	3:41 AM	1,127.86
8/17/2018	1:42 AM	0.00	8/15/2018	2:41 AM	1,493.18

8/15/2018	1:41 AM	1,336.80	8/13/2018	2:40 AM	0.00
8/15/2018	12:41 AM	514.49	8/13/2018	1:40 AM	0.00
8/14/2018	11:41 PM	507.22	8/13/2018	12:40 AM	0.00
8/14/2018	10:41 PM	0.00	8/12/2018	11:40 PM	0.00
8/14/2018	9:41 PM	0.00	8/12/2018	10:40 PM	0.00
8/14/2018	8:41 PM	0.00	8/12/2018	9:40 PM	0.00
8/14/2018	7:41 PM	0.00	8/12/2018	8:40 PM	0.00
8/14/2018	6:41 PM	0.00	8/12/2018	7:40 PM	0.00
8/14/2018	5:41 PM	0.00	8/12/2018	6:40 PM	0.00
8/14/2018	4:41 PM	0.00	8/12/2018	5:40 PM	0.00
8/14/2018	3:41 PM	0.00	8/12/2018	4:40 PM	0.00
8/14/2018	2:41 PM	0.00	8/12/2018	3:40 PM	0.00
8/14/2018	1:41 PM	0.00	8/12/2018	2:40 PM	0.00
8/14/2018	12:41 PM	0.00	8/12/2018	1:40 PM	0.00
8/14/2018	11:41 AM	0.00	8/12/2018	12:40 PM	0.00
8/14/2018	10:41 AM	0.00	8/12/2018	11:40 AM	0.00
8/14/2018	9:41 AM	0.00	8/12/2018	10:40 AM	0.00
8/14/2018	8:41 AM	0.00	8/12/2018	9:40 AM	0.00
8/14/2018	7:40 AM	0.00	8/12/2018	8:40 AM	0.00
8/14/2018	6:40 AM	299.83	8/12/2018	7:40 AM	0.00
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8/14/2018	4:40 AM	1,120.74	8/12/2018	5:40 AM	0.00
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8/14/2018	2:40 AM	1,445.94	8/12/2018	3:39 AM	0.00
8/14/2018	1:40 AM	450.60	8/12/2018	2:39 AM	0.00
8/14/2018	12:40 AM	576.27	8/12/2018	1:39 AM	0.00
8/13/2018	11:40 PM	0.00	8/12/2018	12:39 AM	0.00
8/13/2018	10:40 PM	0.00	8/11/2018	11:39 PM	0.00
8/13/2018	9:40 PM	0.00	8/11/2018	10:39 PM	0.00
8/13/2018	8:40 PM	0.00	8/11/2018	9:39 PM	0.00
8/13/2018	7:40 PM	0.00	8/11/2018	8:39 PM	0.00
8/13/2018	6:40 PM	0.00	8/11/2018	7:39 PM	0.00
8/13/2018	5:40 PM	0.00	8/11/2018	6:39 PM	0.00
8/13/2018	4:40 PM	0.00	8/11/2018	5:39 PM	0.00
8/13/2018	3:40 PM	0.00	8/11/2018	4:39 PM	0.00
8/13/2018	2:40 PM	0.00	8/11/2018	3:39 PM	0.00
8/13/2018	1:40 PM	0.00	8/11/2018	2:39 PM	0.00
8/13/2018	12:40 PM	0.00	8/11/2018	1:39 PM	0.00
8/13/2018	11:40 AM	0.00	8/11/2018	12:39 PM	0.00
8/13/2018	10:40 AM	0.00	8/11/2018	11:39 AM	0.00
8/13/2018	9:40 AM	0.00	8/11/2018	10:39 AM	0.00
8/13/2018	8:40 AM	0.00	8/11/2018	9:39 AM	0.00
8/13/2018	7:40 AM	0.00	8/11/2018	8:39 AM	0.00
8/13/2018	6:40 AM	0.00	8/11/2018	7:39 AM	0.00
8/13/2018	5:40 AM	0.00	8/11/2018	6:39 AM	0.00
8/13/2018	4:40 AM	0.00	8/11/2018	5:39 AM	0.00
8/13/2018	3:40 AM	0.00	8/11/2018	4:39 AM	0.00

8/11/2018	3:39 AM	0.00	8/9/2018	4:38 AM	0.00
8/11/2018	2:39 AM	0.00	8/9/2018	3:38 AM	0.00
8/11/2018	1:39 AM	0.00	8/9/2018	2:38 AM	0.00
8/11/2018	12:39 AM	0.00	8/9/2018	1:38 AM	0.00
8/10/2018	11:39 PM	0.00	8/9/2018	12:38 AM	0.00
8/10/2018	10:39 PM	0.00	8/8/2018	11:38 PM	0.00
8/10/2018	9:39 PM	0.00	8/8/2018	10:38 PM	0.00
8/10/2018	8:39 PM	0.00	8/8/2018	9:38 PM	0.00
8/10/2018	7:39 PM	0.00	8/8/2018	8:38 PM	0.00
8/10/2018	6:39 PM	0.00	8/8/2018	7:38 PM	0.00
8/10/2018	5:39 PM	0.00	8/8/2018	6:38 PM	0.00
8/10/2018	4:39 PM	0.00	8/8/2018	5:38 PM	0.00
8/10/2018	3:39 PM	0.00	8/8/2018	4:38 PM	0.00
8/10/2018	2:39 PM	0.00	8/8/2018	3:38 PM	0.00
8/10/2018	1:39 PM	0.00	8/8/2018	2:38 PM	0.00
8/10/2018	12:39 PM	164.52	8/8/2018	1:38 PM	0.00
8/10/2018	11:39 AM	0.00	8/8/2018	12:38 PM	0.00
8/10/2018	10:39 AM	0.00	8/8/2018	11:38 AM	0.00
8/10/2018	9:39 AM	0.00	8/8/2018	10:38 AM	0.00
8/10/2018	8:39 AM	0.00	8/8/2018	9:38 AM	0.00
8/10/2018	7:39 AM	0.00	8/8/2018	8:38 AM	0.00
8/10/2018	6:39 AM	0.00	8/8/2018	7:38 AM	0.00
8/10/2018	5:39 AM	0.00	8/8/2018	6:38 AM	0.00
8/10/2018	4:39 AM	0.00	8/8/2018	5:38 AM	417.39
8/10/2018	3:39 AM	0.00	8/8/2018	4:38 AM	1,257.52
8/10/2018	2:39 AM	0.00	8/8/2018	3:38 AM	1,115.71
8/10/2018	1:39 AM	0.00	8/8/2018	2:38 AM	1,521.74
8/10/2018	12:39 AM	0.00	8/8/2018	1:38 AM	1,290.59
8/9/2018	11:39 PM	0.00	8/8/2018	12:38 AM	557.16
8/9/2018	10:39 PM	0.00	8/7/2018	11:38 PM	458.28
8/9/2018	9:39 PM	0.00	8/7/2018	10:38 PM	0.00
8/9/2018	8:39 PM	0.00	8/7/2018	9:38 PM	0.00
8/9/2018	7:39 PM	0.00	8/7/2018	8:38 PM	0.00
8/9/2018	6:39 PM	0.00	8/7/2018	7:38 PM	0.00
8/9/2018	5:39 PM	0.00	8/7/2018	6:38 PM	0.00
8/9/2018	4:39 PM	0.00	8/7/2018	5:38 PM	0.00
8/9/2018	3:39 PM	0.00	8/7/2018	4:38 PM	0.00
8/9/2018	2:39 PM	0.00	8/7/2018	3:38 PM	0.00
8/9/2018	1:39 PM	0.00	8/7/2018	2:38 PM	0.00
8/9/2018	12:39 PM	0.00	8/7/2018	1:38 PM	0.00
8/9/2018	11:39 AM	0.00	8/7/2018	12:38 PM	0.00
8/9/2018	10:38 AM	0.00	8/7/2018	11:38 AM	0.00
8/9/2018	9:38 AM	0.00	8/7/2018	10:38 AM	0.00
8/9/2018	8:38 AM	0.00	8/7/2018	9:38 AM	0.00
8/9/2018	7:38 AM	0.00	8/7/2018	8:38 AM	0.00
8/9/2018	6:38 AM	0.00	8/7/2018	7:38 AM	0.00
8/9/2018	5:38 AM	0.00	8/7/2018	6:38 AM	346.23

8/7/2018	5:38 AM	1,220.57	8/5/2018	6:37 AM	0.00
8/7/2018	4:38 AM	1,105.68	8/5/2018	5:37 AM	0.00
8/7/2018	3:38 AM	1,460.91	8/5/2018	4:37 AM	0.00
8/7/2018	2:38 AM	1,385.16	8/5/2018	3:37 AM	0.00
8/7/2018	1:38 AM	502.93	8/5/2018	2:37 AM	0.00
8/7/2018	12:38 AM	528.54	8/5/2018	1:37 AM	0.00
8/6/2018	11:38 PM	0.00	8/5/2018	12:37 AM	0.00
8/6/2018	10:38 PM	0.00			
8/6/2018	9:38 PM	0.00	Total Consumption	55,935.59	
8/6/2018	8:38 PM	0.00	Earliest: 8/5/18 00:37		
8/6/2018	7:38 PM	0.00	Latest: 9/7/18 11:50		
8/6/2018	6:38 PM	0.00	Units: Gallons/Hour		
8/6/2018	5:37 PM	0.00			
8/6/2018	4:37 PM	0.00	Irrigation System		
8/6/2018	3:37 PM	0.00	Unusual Usage		
8/6/2018	2:37 PM	0.00			
8/6/2018	1:37 PM	0.00			
8/6/2018	12:37 PM	0.00			
8/6/2018	11:37 AM	0.00			
8/6/2018	10:37 AM	0.00			
8/6/2018	9:37 AM	0.00			
8/6/2018	8:37 AM	0.00			
8/6/2018	7:37 AM	0.00			
8/6/2018	6:37 AM	0.00			
8/6/2018	5:37 AM	0.00			
8/6/2018	4:37 AM	0.00			
8/6/2018	3:37 AM	0.00			
8/6/2018	2:37 AM	0.00			
8/6/2018	1:37 AM	0.00			
8/6/2018	12:37 AM	0.00			
8/5/2018	11:37 PM	0.00			
8/5/2018	10:37 PM	0.00			
8/5/2018	9:37 PM	0.00			
8/5/2018	8:37 PM	0.00			
8/5/2018	7:37 PM	0.00			
8/5/2018	6:37 PM	0.00			
8/5/2018	5:37 PM	0.00			
8/5/2018	4:37 PM	0.00			
8/5/2018	3:37 PM	0.00			
8/5/2018	2:37 PM	0.00			
8/5/2018	1:37 PM	0.00			
8/5/2018	12:37 PM	0.00			
8/5/2018	11:37 AM	0.00			
8/5/2018	10:37 AM	0.00			
8/5/2018	9:37 AM	0.00			
8/5/2018	8:37 AM	0.00			
8/5/2018	7:37 AM	0.00			

Water

From: Robert H Cawood [REDACTED]
Sent: Thursday, September 06, 2018 4:53 PM
To: Water
Cc: [REDACTED]
Subject: Water bill at 8026 Garden North Dr. Attention: Kat Balbi

Greetings,

I have been a customer of the city of Garden Ridge Water for more than 25 years. I have always faithfully paid my bill on time and have been on auto draft to pay my water bill since early 2015. My average winter water bill \$42.00 to 62.00 per month. My average summer water bill has been \$119.00 to 167.00 for many years. This month's water bill is \$622.32! I have never had a water bill this high before. After receiving this bill I began to look around on my property and found a leak in my lawn sprinkler system. Obviously, this leak had been leaking for awhile! I have now turned off the sprinkler valve at the street until next week after the rains are over to have it repaired. My water bill for the previous month was \$130.43. I have enclosed pictures of the leak in my yard. This leak is in an area that I do not often frequent and my lawn mowing crew had not mentioned it to me. Thank you for your consideration.

Robert Heinz Cawood
8026 Garden North Dr.
[REDACTED]





CAWOOD, ROBERT/TERRY

		Service		# of		Demand				Fuel	Demand	
Bill Date	Tno	From	To	Days	Consumption	Consumption	Total Bill	Bill Amount	Tax	Adjustment	Amount	Tax
09/30/2018	645	08/23/2018	09/21/2018	29	24	0.0000	126.80	126.80	0.00	0.00	0.00	0.00
08/31/2018	647	07/23/2018	08/23/2018	31	66	0.0000	618.69	618.69	0.00	0.00	0.00	0.00
07/31/2018	649	06/22/2018	07/23/2018	31	24	0.0000	126.80	126.80	0.00	0.00	0.00	0.00
06/30/2018	651	05/23/2018	06/22/2018	30	40	0.0000	264.85	264.85	0.00	0.00	0.00	0.00
05/31/2018	653	04/23/2018	05/23/2018	30	11	0.0000	61.78	61.78	0.00	0.00	0.00	0.00
04/30/2018	655	03/23/2018	04/23/2018	31	7	0.0000	46.26	46.26	0.00	0.00	0.00	0.00
03/31/2018	657	02/22/2018	03/23/2018	29	10	0.0000	57.90	57.90	0.00	0.00	0.00	0.00
02/28/2018	659	01/23/2018	02/22/2018	30	5	0.0000	38.50	38.50	0.00	0.00	0.00	0.00
01/31/2018	661	12/19/2017	01/23/2018	35	1	0.0000	38.50	38.50	0.00	0.00	0.00	0.00
12/31/2017	663	11/21/2017	12/19/2017	28	7	0.0000	46.26	46.26	0.00	0.00	0.00	0.00
11/30/2017	665	10/23/2017	11/21/2017	29	18	0.0000	93.80	93.80	0.00	0.00	0.00	0.00
10/31/2017	667	09/22/2017	10/23/2017	31	22	0.0000	115.80	115.80	0.00	0.00	0.00	0.00
09/30/2017	669	08/23/2017	09/22/2017	30	22	0.0000	115.80	115.80	0.00	0.00	0.00	0.00
08/31/2017	671	07/24/2017	08/23/2017	30	30	0.0000	172.10	172.10	0.00	0.00	0.00	0.00
07/31/2017	673	06/23/2017	07/24/2017	31	29	0.0000	164.14	164.14	0.00	0.00	0.00	0.00
06/30/2017	675	05/23/2017	06/23/2017	31	25	0.0000	132.30	132.30	0.00	0.00	0.00	0.00
05/31/2017	677	04/24/2017	05/23/2017	29	15	0.0000	77.30	77.30	0.00	0.00	0.00	0.00
04/30/2017	679	03/23/2017	04/24/2017	32	14	0.0000	73.42	73.42	0.00	0.00	0.00	0.00
03/31/2017	681	02/22/2017	03/23/2017	29	7	0.0000	46.26	46.26	0.00	0.00	0.00	0.00
02/28/2017	683	01/23/2017	02/22/2017	30	5	0.0000	38.50	38.50	0.00	0.00	0.00	0.00
01/31/2017	685	12/21/2016	01/23/2017	33	5	0.0000	38.50	38.50	0.00	0.00	0.00	0.00
12/31/2016	687	11/21/2016	12/21/2016	30	6	0.0000	42.38	42.38	0.00	0.00	0.00	0.00
11/30/2016	689	10/24/2016	11/21/2016	28	10	0.0000	57.90	57.90	0.00	0.00	0.00	0.00
10/31/2016	691	09/23/2016	10/24/2016	31	10	0.0000	57.90	57.90	0.00	0.00	0.00	0.00
					Avg 17	Avg 0.0000	Avg 110.52	Avg 110.52	Avg 0.00	Avg 0.00	Avg 0.00	Avg 0.00



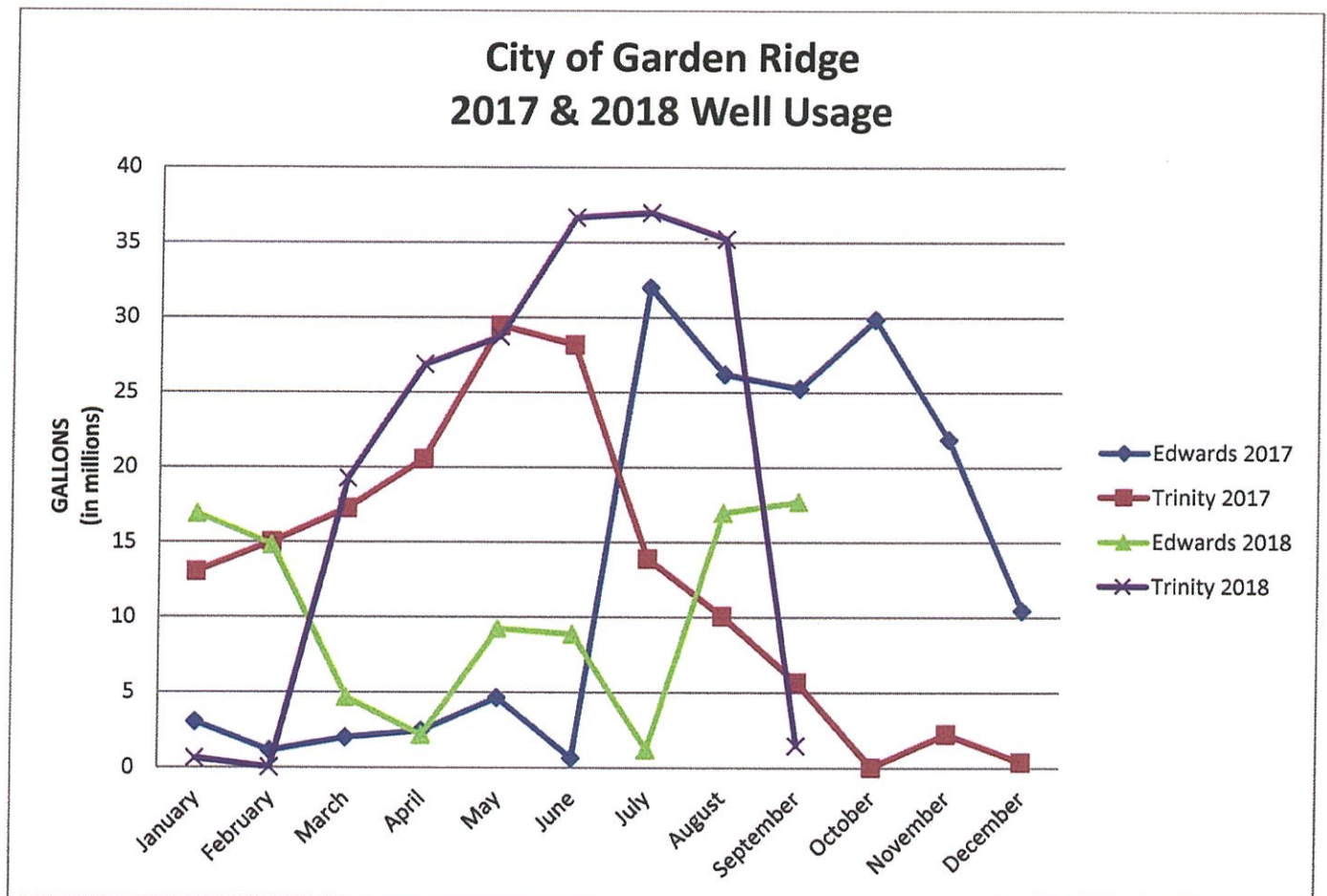
City of Garden Ridge

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

Water Department Report

As of September 30, 2018

2017 & 2018 City of Garden Ridge Well Usage



As of September 30, 2018:

Edwards Wells – 17,695,000 (54.303 acre feet) have been used.

Trinity Well – 1,459,000 Gallons (4.477 acre feet) have been used.

The City of Garden Ridge has a total of 712.287 acre feet of Edwards Permits. Current amount pumped is 284.114 acre feet, leaving 366.204 acre feet available to pump after EAA reductions. Currently the City of Garden Ridge is not in an EAA Drought Stage.

2018 Edwards Permits

Type of Permit	TCEQ Permit #	EAA Permit #	Acre Feet
Allocated	CO 00139	P100-767	511.951
Purchased	BE 00109I	P100-327	2.000
Purchased	ME 00417D	P101-185	1.301
Purchased	ME 00479I	P101-315	3.895
Purchased	UV 00437I	P101-699	2.000
Purchased	UV 00461I	P101-752	4.000
Purchased	UV 00478I	P101-801	2.000
Purchased	UV 00537H	P101-959	2.000
Purchased	UV 00576I	P102-040	14.000
Purchased	UV 00630G	P102-146	1.760
Purchased	BE 00081AE	P100-200	62.000
Transfer	CO 00119AA	P102-564	0.660
Transfer		P103-312	4.500
Transfer		P102-416	2.000
Transfer		P105-888	29.52
Lease	Lloyd Loehman	P107-429	3.000
Lease	M. Friesenhahn	P100-745	65.000
Lease	BVFD	CO 00139	P108-644
Lease	Keith Zars	P108-775	1.000
Total			712.287

Monthly Averages as of September 30, 2018

Average usage per connection	11,750.92 gallons*
Average usage per day	638,466.67 gallons*

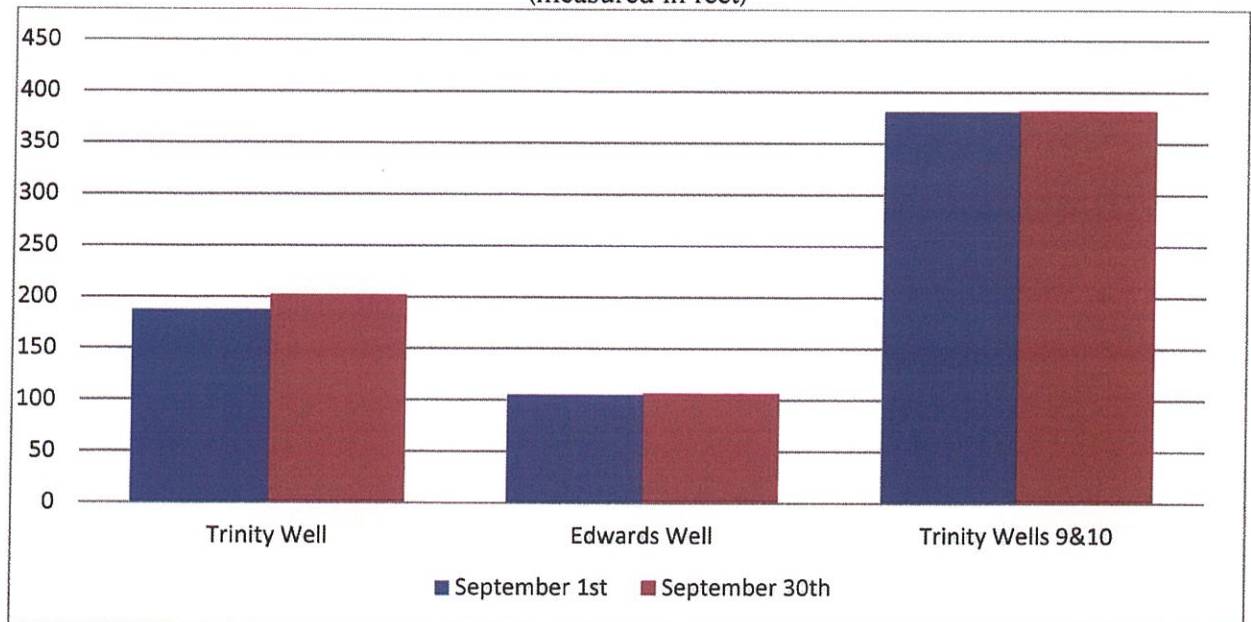
	Year to date for 2018	2017
Water Connections	1,630	1,610

Well Maintenance Schedules

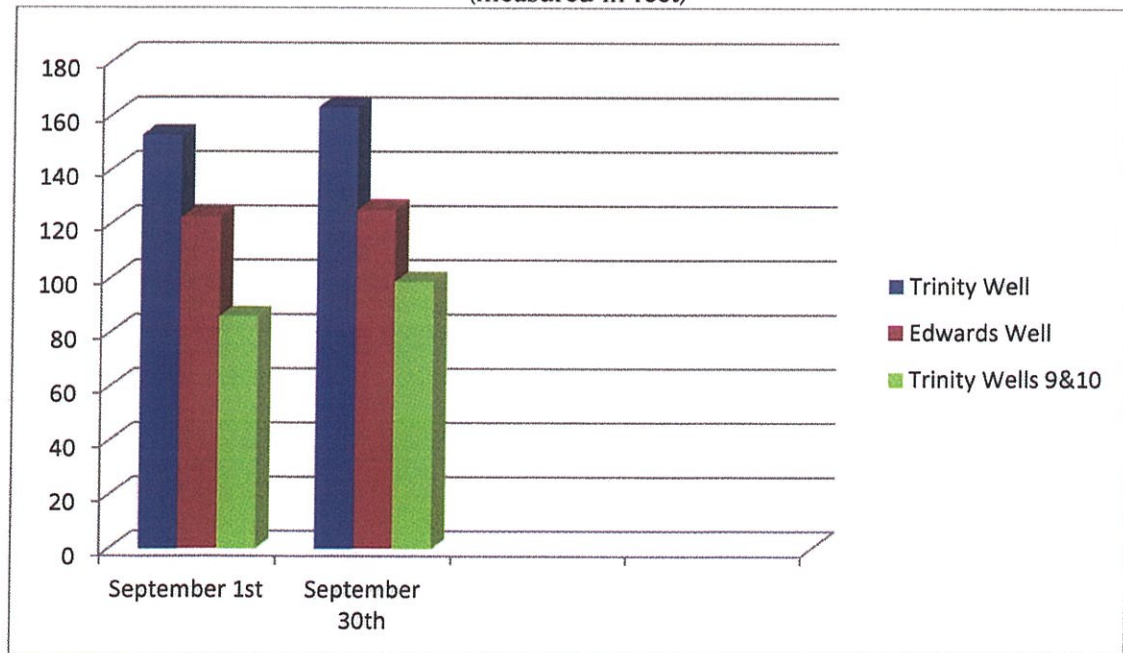
Location of well	Last maintenance preformed	Maintenance based on time or installed	Last test run
F.M. 2252 Edwards Well 5	May 2018	Time	June 2016
F.M. 2252 Edwards Well 7	May 2018	Time	May 2017
Timber Rose Edwards Well 2	May 2005	Time	May 2016
Timber Rose Edwards Well 4	May 2005	Time	May 2016
Elevated Trinity Well 8	August 2017	Time	June 2016
F.M. 3009 Trinity Well 9	August 2017	Installed	April 2018
F.M. 3009 Trinity Well 10	August 2017	Installed	April 2018

Monthly Well Progress

Static Levels (Well Motors Off)
(measured in feet)



Pumping Levels (Well Motors Running)
(measured in feet)



Water Department Monthly Activities:

Water		Plumbing	
New Meter Installations	2	Sewer Rough-in. #3	3
Meter Replacement	0	Plumbing Rough-in. #6	2
Main Breaks	0	Water Main to House. #8A	6
Service Line Replacement	0	Final House Inspection #9	3
Service Line Leak Repair	1	Irrigation System Inspections.	3
Fire Hydrant Maintenance	0	Water Heater Safety Inspection	1
Leak Adjustment	0	Toilet Rebates	3
Meters Read June 23, 2018	1,630	Washing Machine Rebates	0
Work Orders	117		

Projects:

- 2016 CIP: FM 3009 Well Site on line
- Working to improve the Water Department work order and workflow system to assist with making the day to day operations more efficient.
- Naco Loop waterline completed.
- TCEQ and EAA water samples completed.

Type of Report	Due Date	Date Submitted
Daily Well/Max EAA Usage/Total Usage	Daily	Run daily
Monthly Well Totals/State Report/ Water Loss	By 5 th of following month	September 2, 2018
EAA Drought Condition Monthly Report	By 10 th of following month	September 2, 2018
Monthly Bacteriological Samples	Monthly 1 st – 7 th	September 7, 2018
Water Commission Report	2 weeks prior to meeting	September 2, 2018
City Council Meeting Report	2 weeks prior to meeting	October 1, 2018
DLQOR 1 st Quarter	April 10 th of current year	April 3, 2018
DLQOR 2 nd Quarter	July 10 th of current year	July 2, 2018
DLQOR 3 rd Quarter	October 10 th of current year	
DLQOR 4 th Quarter	January 10 th of following year	January 10, 2018
CCTGWCD 1 st Quarter	April 10 th of current year	April 3, 2018
CCTGWCD 2 nd Quarter	July 10 th of current year	July 2, 2018
CCTGWCD 3 rd Quarter	October 10 th of current year	
CCTGWCD 4 th Quarter	January 10 th of following year	January 10, 2018
EAA Annual Meter Report	January 31 st of current year	January 25, 2018
TWBD Annual Water Survey	March 1 st of current year	January 31, 2018
EAA Groundwater Conservation Plan	March 31 st , 2018 Due every 3 years	March 28, 2018
TWDB Annual Water Loss Audit	May 1 st of current year	April 24, 2018
Annual Consumer Confidence Repot	July 1 st of current year	June 30, 2018
Lead & Copper Samples	June – September 2019 Due every 3 years	

CCTGWCD=Comal County Trinity Groundwater Conservation District

DLQOR=Disinfectant Level Quarterly Operating Report

EAA=Edwards Aquifer Authority

TWBD=Texas Water Development Board

Employee Updates:

Water Commission Attendance

Commissioner	3/27/18 Regular Meeting	05/22/2018 Regular Meeting	7/24/18 Regular Meeting	9/25/18 Regular Meeting	10/23/18 Regular Meeting							
Heier	P	P	VAA	P								
Bullard	P	VAA	P	P								
Valdez												
Pitzen	UA	P	P	P								
Holloway	P	P	P	P								
Harschbarger	P	P	P	P								

P	Present
P-QNM	Present but quorum not meet
E	Excused for reasons allowed in Ord. 210
VAA	Voluntary Announced Absense
UA	Unannounc ed Absence
	Not member yet

Water Commission's Attendance at City Council Regular Meeting

[illegible]

Future Agenda Items

Water Commission

November 27, 2018

Agenda deadlines:

- | | | |
|--------------------------------|------------|---|
| 14 days before Meetings | (11/13/18) | Water Commission and Staff items are due |
| 11 days before Meetings | (11/16/18) | Water Commission Chair review agenda. <ul style="list-style-type: none">• City Attorney is sent the agenda to approval |
| 7 days before Meetings | (11/20/18) | Post Agenda on bulletin board <ul style="list-style-type: none">• Water Commission will receive packet (allowing a day and half for corrections and additional information to be added) |
| 6 days before Meetings | (11/21/18) | Post Agenda Packet to City Website @ noon |
| 4 days before Meetings | (11/23/18) | (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

Veteran's Day Holiday=City Events

Thanksgiving Holiday=City Events

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	

Approval

1. Minutes 10-23-18

Recommendation

Discussion/Reports

1. Water Manager Report
2. City Council Update
3. Future Agenda Items
 - a. Set next meeting (if necessary) December 18, 2018 @ 6

Training Session

Executive Session

December 18, 2018

Agenda deadlines:

14 days before Meetings	(12/04/18)	Water Commission and Staff items are due
11 days before Meetings	(12/07/18)	Water Commission Chair review agenda. • City Attorney is sent the agenda to approval
7 days before Meetings	(12/11/18)	Post Agenda on bulletin board • Water Commission will receive packet (allowing a day and half for corrections and additional information to be added)
5 days before Meetings	(12/13/18)	Post Agenda Packet to City Website @ noon
4 days before Meetings	(12/14/18)	(72 hours) – Local Government Code requirement for posting

City Council = Red

Impact Fee Committee = Pink

Quarry Commission = Purple

Planning & Zoning = Green

Water Commission = Blue

Wildlife Management Advisory Commission = Brown

Christmas Eve/Christmas Day Holiday= City Events

New Year's Eve Holiday= City Events

Sun	Mon	Tues	Wed	Thur	Fri	Sat
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					

Approval

1. Minutes 11-27-18

Recommendation

Discussion/Reports

1. Water Manager Report
2. City Council Update
3. Future Agenda Items
 - a. Set next meeting (if necessary) January 22, 2018 @ 6

Training Session

Executive Session

PENDING FUTURE AGENDA ITEMS

- Water Rate Study

UPCOMING EDUCATION/TRAINING SESSIONS