



City of Garden Ridge

9400 Municipal Parkway
Garden Ridge, Texas 78266-2600
(210) 651-6632
Fax (210) 651-9638

AGENDA
CITY WATER COMMISSION MEETING

Tuesday, October 25, 2016 at 6 p.m.

The Garden Ridge City Water Commission will meet in a regular meeting on Tuesday, October 25, 2016 at 6 p.m. in the City Council Chambers, City Hall, 9400 Municipal Parkway, Garden Ridge, Texas. This meeting 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 Friday, October 21, 2016 before 5:00 p.m., providing time, place, date and agenda thereof. The meeting facility is wheelchair accessible and accessible parking spaces are available. Requests for accommodations or interpretive services must be made 48 hours in advance of this meeting.

1. Call to Order
2. Roll Call
3. Citizen's Participation – 3 minute limit per citizen

Rules for Citizen's Participation:

The Water Commission welcomes citizen participation and comments at all of their Meetings. As a courtesy to your fellow citizens and out of respect to our appointed officials, we must request that if you wish to speak, that you please follow these guidelines.

- a) Direct your comments to the entire Commission, not to an individual member, nor to the audience.
- b) Show the Water Commission the same respect and courtesy that you would like to be shown.
- c) Limit remarks to three (3) minutes per citizen during Item 3 and Item 7.
- d) Citizen comments may be deferred to a specific Business Item set forth in Section 4, below, if such comments pertain to such Business Item.

*NOTE: The Texas Open Meetings Act permits a member of the public or a member of the governmental body to raise a subject that has not been included in the notice for the meeting. However, any discussion of the subject **must be limited** to a proposal to place the subject on the agenda for a future meeting and any response to a question posed to the Commission is limited to either a statement of specific factual information or a recitation of existing policy. TEX. GOV'T CODE § 551.042.*

4. Business Items

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

- a) Minutes of the September 27, 2016 Water Commission Meeting

- b) Request from William Bondurant to meet with Water Commission to discuss water leak at 20479 Wahl Lane that he feels should have been discovered during plumbing inspection.
 - c) Nominations and vote on:
 - i. Water Commission Chair
 - ii. Water Commission Vice-Chair
 - d) Possible rescheduling of future meetings:
 - i. November 22, 2016
 - ii. December 27, 2016
5. Water Manager Monthly Activity Report
- a) Water pumping/usage from city wells
 - b) Water system infrastructure maintenance, repairs and/or projects
 - c) Static levels, drawdown levels and flow rates on the Trinity Well
 - d) Water and/or Drought Management
6. Administrative Items
The Commission may discuss, consider and/or take possible action on the following items:
- a) Items discussed at the October 5, 2016 City Council Regular Meeting
 - b) Set date, time and location for next meeting
7. Citizen Participation – 3 minute limit per citizen
8. Adjourn

AGENDA NOTICES:

Decorum Required:

Any disruptive behavior, including shouting or derogatory statements or comments may be ruled out of order by the Presiding Officer. Continuation of this type of behavior could result in a request by the Presiding Officer that the individual leave the meeting, and if refused, an order of removal.

Action by Commission Authorized:

The Commission may vote and/or act upon any item within this Agenda. The Commission reserves the right to retire into executive session concerning any of the items listed on this Agenda, pursuant to and in accordance with Texas Government Code Section 551.071, to seek the advice of its attorney about pending or contemplated litigation, settlement offer or on a matter in which the duty of the attorney to the governmental body under the Texas Disciplinary Rules of Professional Conduct of the

State Bar of Texas conflict with the Open Meetings Act and may invoke this right where the City Attorney, the Mayor or a majority of the Governing Body deems an executive session is necessary to allow privileged consultation between the City Attorney and the governing body, if considered necessary and legally justified under the Open Meetings Act. The City Attorney may appear in person, or appear in executive session by conference call in accordance with applicable state law.

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 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 other boards, commissions and/or committees of the City, whose members may be in attendance. The members of the boards, commissions and/or committees may participate in discussions on the same items listed on the agenda, which occur at the meeting, but no action will be taken by such in attendance unless such item and action is specifically provided for on an agenda for that board, commission or committee subject to the Texas Open Meetings Act.


Shelley Goodwin, TRMC
City Secretary

This is to certify that I, Shelley Goodwin, posted this Agenda at 11:00 am on October 21, 2016 on the bulletin board located at the entrance to the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas.


Shelley Goodwin, TRMC
City Secretary



City of Garden Ridge

9400 Municipal Parkway
Garden Ridge, Texas 78266-2600
(210) 651-6632
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MINUTES OF CITY WATER COMMISSION REGULAR MEETING September 27, 2016

Members Present:

Chairman David Heier
Vice-Chairman Richard Holloway
Commissioner Andre Bullard
Commissioner Keven Harshbarger
Commissioner Ray Pitzen
Mayor Nadine Knaus, ex-officio

Member Absent:

Commissioner Pat Ramirez

City Staff Present:

Royce Goddard, Water Department Manager
Shelley Goodwin, City Secretary

1. Call to Order

With a quorum of the City Water Commission present, Chairman Heier called the regular meeting of the Garden Ridge City Water Commission to order at 6:00 p.m. on Tuesday, September 27, 2016 in the City Council Chambers of the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas 78266.

2. Citizen's Participation – 3 minute limit per citizen

No one wished to speak.

3. Business Items

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

- a) **Discussion and possible recommendation of reappointment of Commissioner Bullard due to expiring terms of office (September 30, 2016).**

Commissioner Bullard agreed to serve another term.

Motion: A motion was made by Commissioner Holloway, seconded by Commissioner Pitzen, to recommend to City Council the appointment of Commissioner Bullard with the term of office

expiring on September 30, 2018. The Water Commission voted five (5) for and none (0) opposed. The motion passed unanimously.

b) Discussion regarding Board and Commission attendance.

Chairman Heier stated at the last City Council Regular Meeting a resident spoke on the need to have a Board and Commission attendance Ordinance. He stated he wanted to get the Water Commission opinion on the subject.

The Water Commission discussed the issue of attendance and felt that when there is an issue with attendance then the Chair should address the issue with the Commissioner. They also felt that the Board and Commission were volunteers and that an Ordinance or policy would be too structured.

Chairman Heier stated he would relay the concerns of the Water Commission to the City Council.

4. Water Manager Monthly Activity Report

a) Water pumping/usage from city wells

Royce Goddard, Water Manager reviewed the monthly water pumping/usage from the city wells and discussed the water system operations (see attached report).

Royce Goddard, Water Manager reported 62.33 acre feet were pumped from the Edwards Aquifer and 5.26 acre ft. from the Trinity has been pumped. He stated the average daily usage is 815,740,741 gallons.

b) Water system infrastructure maintenance, repairs and/or projects

Royce Goddard, Water Manager stated waterline construction is complete on Osage, Osage Circle and Golden Rod, but the construction will begin on Sumac and Teakwood.

The Water Commission discussed the complaints regarding resident's grass and dust. They also discussed the timeline for completion date of the construction.

Royce Goddard, Water Manager stated resident's yards will be returned to how they were before the construction began. He also stated the dust complaints are being addressed with the contractor.

c) Static levels, drawdown levels and flow rates on the Trinity Well

Royce Goddard, Water Manager reported as of September 27, 2016 the Edwards static level was at 128.7 feet and the Trinity static level was at 193.5.

d) Water and/or Drought Management

The City of Garden Ridge is currently under no watering restrictions.

5. Administrative Items

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

a) August 23, 2016 Water Commission Meeting

Motion: A motion was made by Commissioner Holloway, seconded by Commissioner Harshbarger, to approve the minutes of August 23, 2016 Regular Water Commission Meeting.

The Water Commission voted five (5) for and none (0) opposed. The motion passed unanimously.

b) Items discussed at the September 7, 2016 City Council Regular Meeting

Shelley Goodwin, City Secretary, reported at the September 7, 2016 City Council Regular Meeting the City Council approved the recommendation of the Water Commission to reappoint Commissioners Ramirez and Pitzen. They also approved the recommendation of the Water Commission to approve the request for Water Service from Gary Miller and the waterlines are to be built at Mr. Miller's expense and according to City of Garden Ridge ordinances.

c) Set date, time and location for next meeting

Next Water Commission will be held on Tuesday, October 22, 2016 in the City Council Chambers.

6. Citizen Participation – 3 minute limit per citizen

No one wished to speak.

7. Adjourn

Motion to adjourn was made by Commissioner Bullard and seconded by Commissioner Pitzen. The motion passed unanimously and the meeting adjourned at 6:17 p.m.

David Heier, Chair

ATTEST:

Shelley Goodwin, TRMC
City Secretary

**Water Commission
As Of 27 September 2016**

Item 5. e) iii.

	2015						2016						
	Edwards		Trinity		Total	Quarterly	Edwards		Trinity		Total	Quarterly	
	Gallons	Acre Feet	Gallons	Acre Feet	Acre Feet		Gallons	Acre Feet	Gallons	Acre Feet	Acre Feet		
January	2,633,000	8.08	11,167,000	34.27	42.35		15,309,000	46.98	431,000	1.32	48.30		Actual
February	324,000	0.99	14,774,000	45.34	46.33		512,000	1.57	19,825,000	60.84	62.41		Actual
March	14,394,000	44.17	1,922,000	5.90	50.07	138.76	3,234,000	9.92	16,359,000	50.20	60.13	170.84	Actual
April	17,561,000	53.89	327,000	1.00	54.90		494,000	1.52	18,620,000	57.14	58.66		Actual
May	8,147,000	25.00	8,066,000	24.75	49.76		4,348,000	13.34	14,693,000	45.09	58.43		Actual
June	1,394,000	4.28	20,378,000	62.54	66.82	171.47	29,247,000	89.76	1,608,000	4.93	94.69	211.78	Actual
July	38,650,000	118.61	10,880,000	33.39	152.00		33,379,000	102.44	12,029,000	36.92	139.35		Actual
August	29,573,000	90.76	30,889,000	94.79	185.55		24,439,000	75.00	7,880,000	24.18	99.18		Actual
September	13,883,000	42.61	28,345,000	86.99	129.59	467.15	20,310,000	62.33	1,715,000	5.26	67.59	306.13	9/1-9/27
October	29,538,000	90.65	7,472,000	22.93	113.58		0	0.00	0	0.00	0.00		Actual
November	16,496,000	50.62	1,000	0.00	50.63		0	0.00	0	0.00	0.00		Actual
December	15,997,000	49.09	0	0.00	49.09	213.30	0	0.00	0	0.00	0.00	0	Actual
TOTAL	188,590,000	578.76	134,221,000	411.91	990.67		131,272,000	402.86	93,160,000	285.90	688.76		
EAA Stage 0, -0%, Available 847.077 Ac/Ft, Unused 268.317 Ac/Ft							EAA Stage 0, -0%, Available 882.77 Ac/Ft, Unused 479.91 Ac/Ft					* 882.77	
Current Edwards Permits													
Allocated Pumpage	CO00139		P100-767		* 511.951	Acre Feet	Total Available Edwards Water					882.77 Ac/Ft	
Purchase	BE 001091		P100-327		2.000	Acre Feet	* Add 27.88 Ac/Ft from Woods of G.R.					287,651,487.2 Gals	
Purchase	ME 00417D		P101-185		1.301	Acre Feet	Connections: 1573 Avg. usage per connection: 14,001.907 gals						
Purchase	ME 00479I		P101-315		3.895	Acre Feet	Avg. Daily Usage: 09/01 - 09/27: 815,740.741 gals						
Purchase	UV 00437I		P101-699		2.000	Acre Feet	Avg. connections 2015: 1551 Avg. usage per connection for 2015: 208,130.88 gals						
Purchase	UV 00461I		P101-752		4.000	Acre Feet	Leak Adjustments / month 0 Leak Adjust. YTD 1						
Purchase	UV 00478I		P101-801		2.000	Acre Feet							
Purchase	UV 00537H		P101-959		2.000	Acre Feet							
Purchase	UV 00576I		P102-040		14.000	Acre Feet							
Purchase	UV 00630G		P102-146		1.760	Acre Feet							
Purchase	BE 00081AE		P100-200		62.000	Acre Feet							
Transfer	K. Zar Pool	UV00435		P106-186	1.000	Acre Foot							
Transfer		CO00118B		P103-312	4.500	Acre Feet							
Transfer		CO00119AA		P102-416	2.000	Acre Feet							
Transfer		CO00119AA		P102-564	0.660	Acre Feet							
Lease	City of Schertz				200.000	Acre Feet							
Lease	Lloyd Loehman			P107-429	3.000	Acre Feet							
Lease	M. Friesenhahn			P100-745	65.000	Acre Feet							
Lease	BVFD	1/1/2015 - 12/31/2015			-0.300	Acre Feet							
Total	Edwards	Allocation		370.82		Acre Feet							

Monthly Well Progress Report

Trinity Well Status:	Static Level: Sept 1 st : 187.2'	Sept 27 th : 193.5'	Diff. of: 6.3'
GPM: 853 Pumping Level:	Sept 1 st : 156.6'	Sept 23 rd : 156.6'	Diff. of: N/A'
Edwards Wells Status:	Static Level: Sept 1 st : 128.7'	Sept 27 th : 128.7'	Diff. of: N/A'

City Administrator

From: Water
Sent: Friday, October 07, 2016 1:05 PM
To: Water Manager; City Administrator
Subject: FW: water leak at 20479 Wahl Lane
Attachments: water dept letter.docx

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

From: BONDURANT, WILLIAM A GS-12 USAF
Sent: Friday, October 07, 2016 12:43 PM
To: Water
Cc: bill bondurant
Subject: water leak at 20479 Wahl Lane

Please get this to whomever holds the water department meetings and let me know if it would be alright if I came to meet with them on the next meeting of October 25 at 6:00. Please respond "all" so I can receive this in my personal email cc'd above as well.

William (Bill) Bondurant

7 October 2016

City of Garden Ridge Water Department
9400 Municipal Parkway
Garden Ridge, Texas 78266

Dear Sirs:

I am building a new home in the Trophy Oaks subdivision at 20479 Wahl Lane. On September 13, my water was cut on for the first time. On September 14, it was inspected by the plumbing inspector, Mr. Goddard, and passed inspection. I received my first bill on Tuesday Evening, October 4, which stated that I had used 34,000 gallons of water. Luckily I caught it and, since I had to go to work, I called to tell the water department of the problem, and apparently got the afterhours answering service. I never received a call back from the water department. I then sent a friend over and he said that the meter was now somewhere above 60,000 gallons. I told him to shut it off, which also shut down my entire project. I then called back to the water department and they sent someone over who connected a device to read an actual timeline of events and he stated that the leak started right after it was cut on by the city on September 13.

There was never any visible evidence of water anywhere on the site, nor in or on the slab. I feel like for what I paid in inspection fees, this should have been caught on the day of the plumbing inspection, but it wasn't. I don't feel that I should have to pay for this water that I never used and that went straight back into the aquifer, providing me zero benefit. I would like to meet before the water department on the 25 of October to discuss. Please acknowledge receipt of this and let me know if that would be acceptable.

Sincerely,



William (Bill) Bondurant

3451 Sunset Cove

Garden Ridge, TX 78130



October 11, 2016

To: Water Commission/ City Council
From: Royce E. Goddard, Water Manager
Subj.: Water usage at 20479 Wahl Ln.

The meter was installed on May 19, 2016, and was connected to the house sometime after that. The meter started showing usage on September 2, around 1:00pm. There was minor usage up until September 13, around 9:00am when a large spike occurred and water usage continued to flow.

On September 13, I, Royce E Goddard, Plumbing Inspector for the City of Garden Ridge, arrived at the house around 10:00am to do the rough-in plumbing inspection. Inspector Jim Shipley was already there doing his inspection. During the inspection I checked to insure that the water lines were properly installed, water hammer devices were installed and that all gas lines were properly installed and holding pressure. All plumbing lines and gas lines looked good. No leaks noted. It appeared at this time that the main water line entered the house at the left front side and ran up the wall and across the rafters to the garage for the water heaters and water softener. It was noted on 8/6/16 that this line was a water line running from the garage to the wall was a line for a hose bib at the location where the water main might have entered the house. Also noted that the water main line from the meter to the house was lying on the ground, not buried.

On October 5, Gary Olivas of the water dept. was sent out to 20479 Wahl Ln. to check the operation and usage of the water meter due to a complaint from the owner (Mr. William Bondurant) of the house being built at that address. The owner was questioning the usage of over 34,000 gals of water. Gary stated to a worked there that the leak started on September 13. Gary turned report over to me to look at. After reviewing the data from the Sensus meter download, I saw was minor usage from 8/31/16 at 12:54pm until 9/13/16 at 8:59am. From 8:59am on it showed consistent water usage averaging approx. 115 - 120 gallons per hour.

On October 6, Gary, Duane Scognio and I went to the house and started to look around for any indication of a leak. In the garage was a ball valve tied into the incoming water for the water softener. When the valve was opened, water could be heard flowing past it for about 2 minutes then flow stopped. During the inspection, the valve was closed. Talking with the builder, it was learned that the water main line was ran through the foundation. Looking at the outside of the foundation we saw wet marks and wet ground, giving the appearance of a foundation leak. It is not known if the Pex line running through the foundation was sleeved or not.

On October 7, Mr. Bondurant called and spoke with me. He was very upset that over 60,000 gals had passed through his water meter. Mr. Bondurant stated that I should have found the leak when I inspected the house and that he was not going to pay the bills. I informed Mr. Bondurant that he could write up his complaint and bring it to the Water Commission and that I would stop any late charge pending the outcome.

9/13/16, between 9:59am and 10:59am a total amount of 221.68 gals passed through the meter. That equals out to 3.69 gals per minute or 0.0615 gals per second.

20479 Wahl Ln.

10-11-16

Date Meter installed 5/19/16

On October 5th I received a work order to check for a leak at 20479 Wahl Ln. I was met by the foreman on site who explained that the meter was running and no one was using water. Turned off the hand valve to show him that the meter was ok and actually using water somewhere. I ran the laptop and discovered the meter had started running nonstop from September 13th. Walked exterior and interior of house looking for water. Foreman thought maybe someone drove some stakes through the line where it entered the house. We pulled the stakes and found nothing. I noticed a ball valve in the garage and turned it off to see if the meter would stop. It did. After that we traced the lines and found a leak somewhere in the foundation. I advised the foreman to have the contractors turn the water on from that valve so the meter wouldn't constantly run until the plumbing Co. could show up and find the leak. The foreman was on the phone with someone explaining the whole process. Gary Oliver

Jay Oliver
Garden Ridge Water Dept.

Account Management - (View)

File Edit Options Functions Consoles Help

Account Number [Redacted] Address 20479 WAHL LN
 Zone [Redacted] Name [Redacted] 13.3551

General Metered Non-Metered Financial Information Comments History Consumption History

Services 010 RI WATER-RES INSIDE - 81176287

Grid Graph Bill History

Year [Redacted]

Month	Date	Read		Total	Demand		Reading		
		Previous	Current	Consum...	Read	Consum...	Flag	Source	Occup...
- Year: 2016 Total 4									
Sep	09/22/2016	0	34	34			Regular	Manual Read	00
Aug	08/21/2016	0	0	0			Regular	Manual Read	00
Jul	07/22/2016	0	0	0			Regular	Manual Read	00
Jun	06/23/2016	0	0	0			Regular	Manual Read	00

Avg 9

Edit This Record 10-5-16 11:52 AM View court Clear

* Check for leak

* Contact resident

Ran laptop. Found water started running on Sep. 13th AM. Home has a leak in the slab somewhere. Notified foreman who was onsite.

10-5-16
GWS

Date	Time	Max Flow	Consumption	20749 Wahl Ln.	Bondurant	New Const.
10/5/2016	1:08 PM	7.35	149.8	10/3/2016	3:07 PM	2.45 120.05
10/5/2016	12:08 PM	5.6	137.15	10/3/2016	2:07 PM	3.5 120.47
10/5/2016	11:08 AM	5.95	135.67	10/3/2016	1:07 PM	2.45 120.31
10/5/2016	10:08 AM	5.95	138.55	10/3/2016	12:07 PM	2.45 120.01
10/5/2016	9:08 AM	7.35	187.82	10/3/2016	11:07 AM	2.45 119.62
10/5/2016	8:08 AM	2.45	119.98	10/3/2016	10:07 AM	2.45 119.34
10/5/2016	7:08 AM	2.45	119.77	10/3/2016	9:07 AM	2.45 118.95
10/5/2016	6:08 AM	2.45	119.7	10/3/2016	8:07 AM	2.45 118.74
10/5/2016	5:08 AM	2.45	119.75	10/3/2016	7:07 AM	2.45 118.54
10/5/2016	4:08 AM	2.45	119.8	10/3/2016	6:07 AM	2.45 118.46
10/5/2016	3:08 AM	2.45	119.77	10/3/2016	5:07 AM	2.45 118.49
10/5/2016	2:08 AM	2.45	119.68	10/3/2016	4:07 AM	2.45 118.48
10/5/2016	1:08 AM	2.45	119.29	10/3/2016	3:07 AM	3.5 118.51
10/5/2016	12:08 AM	3.5	118.95	10/3/2016	2:07 AM	2.45 118.21
10/4/2016	11:08 PM	2.45	118.62	10/3/2016	1:07 AM	2.45 118.5
10/4/2016	10:08 PM	2.45	118.59	10/3/2016	12:07 AM	2.45 118.68
10/4/2016	9:08 PM	3.5	118.5	10/2/2016	11:07 PM	2.45 118.97
10/4/2016	8:08 PM	2.45	118.51	10/2/2016	10:07 PM	2.45 119.19
10/4/2016	7:08 PM	3.15	118.81	10/2/2016	9:07 PM	2.45 119.56
10/4/2016	6:08 PM	4.55	120.45	10/2/2016	8:07 PM	2.45 119.91
10/4/2016	5:08 PM	2.45	119.38	10/2/2016	7:07 PM	3.5 120.11
10/4/2016	4:08 PM	3.15	119.44	10/2/2016	6:07 PM	2.45 120.04
10/4/2016	3:07 PM	2.45	119.48	10/2/2016	5:07 PM	2.45 119.84
10/4/2016	2:07 PM	7.35	141.79	10/2/2016	4:07 PM	2.45 119.48
10/4/2016	1:07 PM	7	123.61	10/2/2016	3:07 PM	2.45 119.11
10/4/2016	12:07 PM	2.45	119.84	10/2/2016	2:07 PM	3.5 118.57
10/4/2016	11:07 AM	2.45	120.02	10/2/2016	1:07 PM	2.45 118.58
10/4/2016	10:07 AM	3.5	120.13	10/2/2016	12:07 PM	2.45 118.64
10/4/2016	9:07 AM	6.3	150.83	10/2/2016	11:07 AM	2.45 118.84
10/4/2016	8:07 AM	2.45	119.68	10/2/2016	10:07 AM	2.45 119.16
10/4/2016	7:07 AM	2.45	119.52	10/2/2016	9:07 AM	2.45 119.55
10/4/2016	6:07 AM	2.45	119.55	10/2/2016	8:07 AM	2.45 119.79
10/4/2016	5:07 AM	2.45	119.54	10/2/2016	7:07 AM	2.45 119.84
10/4/2016	4:07 AM	2.45	119.64	10/2/2016	6:07 AM	3.5 119.76
10/4/2016	3:07 AM	2.45	119.44	10/2/2016	5:07 AM	2.45 119.96
10/4/2016	2:07 AM	2.45	119.16	10/2/2016	4:07 AM	2.45 119.65
10/4/2016	1:07 AM	2.45	118.99	10/2/2016	3:07 AM	2.45 119.32
10/4/2016	12:07 AM	3.5	118.8	10/2/2016	2:07 AM	2.45 119.1
10/3/2016	11:07 PM	2.45	118.66	10/2/2016	1:07 AM	3.5 118.6
10/3/2016	10:07 PM	3.5	118.39	10/2/2016	12:07 AM	2.45 118.37
10/3/2016	9:07 PM	2.45	118.66	10/1/2016	11:07 PM	2.45 118.61
10/3/2016	8:07 PM	2.45	119.19	10/1/2016	10:06 PM	2.45 118.83
10/3/2016	7:07 PM	2.45	119.36	10/1/2016	9:06 PM	2.45 119.1
10/3/2016	6:07 PM	2.45	119.74	10/1/2016	8:06 PM	2.45 119.41
10/3/2016	5:07 PM	2.45	119.86	10/1/2016	7:06 PM	2.45 119.55
10/3/2016	4:07 PM	2.45	119.85	10/1/2016	6:06 PM	2.45 119.9

10/1/2016	5:06 PM	2.45	119.98	9/29/2016	6:06 PM	2.45	120.13
10/1/2016	4:06 PM	2.45	120.07	9/29/2016	5:06 PM	7.35	158.97
10/1/2016	3:06 PM	2.45	120.37	9/29/2016	4:06 PM	7	146.63
10/1/2016	2:06 PM	7	141.18	9/29/2016	3:06 PM	5.6	141.18
10/1/2016	1:06 PM	7	239.82	9/29/2016	2:06 PM	2.45	120.35
10/1/2016	12:06 PM	7	182.55	9/29/2016	1:06 PM	7	148.22
10/1/2016	11:06 AM	5.6	121.15	9/29/2016	12:06 PM	7	173.77
10/1/2016	10:06 AM	7	175.76	9/29/2016	11:06 AM	7.35	135.42
10/1/2016	9:06 AM	6.65	124.92	9/29/2016	10:06 AM	2.45	119.4
10/1/2016	8:06 AM	2.45	118.67	9/29/2016	9:06 AM	7.35	158.62
10/1/2016	7:06 AM	2.45	118.77	9/29/2016	8:06 AM	3.5	118.34
10/1/2016	6:06 AM	2.45	118.99	9/29/2016	7:06 AM	2.45	118.49
10/1/2016	5:06 AM	2.45	119.44	9/29/2016	6:06 AM	2.45	118.84
10/1/2016	4:06 AM	3.5	119.84	9/29/2016	5:05 AM	2.45	119.16
10/1/2016	3:06 AM	2.45	120.19	9/29/2016	4:05 AM	2.45	119.45
10/1/2016	2:06 AM	2.45	119.82	9/29/2016	3:05 AM	3.5	119.83
10/1/2016	1:06 AM	2.45	119.54	9/29/2016	2:05 AM	2.45	119.61
10/1/2016	12:06 AM	3.5	119.18	9/29/2016	1:05 AM	2.45	119.23
9/30/2016	11:06 PM	2.45	119.03	9/29/2016	12:05 AM	3.5	118.95
9/30/2016	10:06 PM	2.45	118.94	9/28/2016	11:05 PM	2.45	118.59
9/30/2016	9:06 PM	3.5	118.71	9/28/2016	10:05 PM	3.5	118.26
9/30/2016	8:06 PM	2.45	118.94	9/28/2016	9:05 PM	2.45	118.56
9/30/2016	7:06 PM	2.45	119.16	9/28/2016	8:05 PM	3.5	120.5
9/30/2016	6:06 PM	2.45	119.54	9/28/2016	7:05 PM	2.8	119.35
9/30/2016	5:06 PM	7.35	172.86	9/28/2016	6:05 PM	2.45	119.4
9/30/2016	4:06 PM	2.45	119.62	9/28/2016	5:05 PM	2.45	119.54
9/30/2016	3:06 PM	7	142.87	9/28/2016	4:05 PM	2.45	119.66
9/30/2016	2:06 PM	6.65	131.94	9/28/2016	3:05 PM	2.45	119.64
9/30/2016	1:06 PM	2.45	120.12	9/28/2016	2:05 PM	2.45	119.73
9/30/2016	12:06 PM	7.35	169.43	9/28/2016	1:05 PM	2.45	119.88
9/30/2016	11:06 AM	2.45	120.35	9/28/2016	12:05 PM	2.45	120.02
9/30/2016	10:06 AM	7	154.25	9/28/2016	11:05 AM	3.5	120.21
9/30/2016	9:06 AM	2.45	120.47	9/28/2016	10:05 AM	2.45	120.17
9/30/2016	8:06 AM	2.45	120.24	9/28/2016	9:05 AM	2.45	119.57
9/30/2016	7:06 AM	2.45	120.04	9/28/2016	8:05 AM	2.45	119.39
9/30/2016	6:06 AM	2.45	120.08	9/28/2016	7:05 AM	2.45	119.1
9/30/2016	5:06 AM	2.45	120.18	9/28/2016	6:05 AM	2.45	118.77
9/30/2016	4:06 AM	2.45	120.1	9/28/2016	5:05 AM	2.45	118.53
9/30/2016	3:06 AM	2.45	119.99	9/28/2016	4:05 AM	3.5	118.36
9/30/2016	2:06 AM	2.45	119.72	9/28/2016	3:05 AM	2.45	118.23
9/30/2016	1:06 AM	2.45	119.43	9/28/2016	2:05 AM	2.45	118.47
9/30/2016	12:06 AM	3.5	119.04	9/28/2016	1:05 AM	2.45	118.68
9/29/2016	11:06 PM	3.5	118.91	9/28/2016	12:05 AM	2.45	118.84
9/29/2016	10:06 PM	2.45	118.61	9/27/2016	11:05 PM	2.45	118.99
9/29/2016	9:06 PM	2.45	119.07	9/27/2016	10:05 PM	2.45	119.25
9/29/2016	8:06 PM	2.45	119.6	9/27/2016	9:05 PM	2.45	119.46
9/29/2016	7:06 PM	2.45	119.74	9/27/2016	8:05 PM	3.15	120.2

9/27/2016	7:05 PM	3.15	120.81	9/25/2016	8:04 PM	3.5	118.14
9/27/2016	6:05 PM	3.5	120.02	9/25/2016	7:04 PM	2.45	118.26
9/27/2016	5:05 PM	3.15	119.78	9/25/2016	6:04 PM	2.45	118.43
9/27/2016	4:05 PM	2.45	119.27	9/25/2016	5:04 PM	2.45	118.55
9/27/2016	3:05 PM	2.45	118.98	9/25/2016	4:04 PM	2.45	118.73
9/27/2016	2:05 PM	3.5	118.46	9/25/2016	3:04 PM	2.45	118.84
9/27/2016	1:05 PM	2.45	118.42	9/25/2016	2:04 PM	2.45	119.13
9/27/2016	12:05 PM	2.45	118.59	9/25/2016	1:04 PM	2.45	119.27
9/27/2016	11:05 AM	2.45	118.75	9/25/2016	12:04 PM	2.45	119.58
9/27/2016	10:05 AM	2.45	118.9	9/25/2016	11:04 AM	2.45	119.8
9/27/2016	9:05 AM	2.45	119.02	9/25/2016	10:04 AM	3.5	119.85
9/27/2016	8:05 AM	2.45	119.18	9/25/2016	9:04 AM	2.45	120.03
9/27/2016	7:05 AM	2.45	119.39	9/25/2016	8:04 AM	2.45	119.74
9/27/2016	6:05 AM	2.45	119.57	9/25/2016	7:04 AM	2.45	119.46
9/27/2016	5:05 AM	3.15	119.68	9/25/2016	6:04 AM	2.45	119.06
9/27/2016	4:05 AM	2.45	119.68	9/25/2016	5:04 AM	2.45	118.9
9/27/2016	3:05 AM	2.45	119.47	9/25/2016	4:04 AM	2.45	118.86
9/27/2016	2:05 AM	2.45	119.25	9/25/2016	3:04 AM	3.5	118.54
9/27/2016	1:04 AM	2.45	118.94	9/25/2016	2:04 AM	2.45	118.4
9/27/2016	12:04 AM	3.5	118.63	9/25/2016	1:04 AM	2.45	118.59
9/26/2016	11:04 PM	2.45	118.13	9/25/2016	12:04 AM	2.45	118.75
9/26/2016	10:04 PM	2.45	118.35	9/24/2016	11:04 PM	2.45	119.04
9/26/2016	9:04 PM	2.45	118.56	9/24/2016	10:04 PM	2.45	119.25
9/26/2016	8:04 PM	2.45	118.76	9/24/2016	9:04 PM	2.45	119.62
9/26/2016	7:04 PM	2.45	118.96	9/24/2016	8:04 PM	3.5	119.97
9/26/2016	6:04 PM	2.45	119.17	9/24/2016	7:04 PM	2.45	119.93
9/26/2016	5:04 PM	2.45	119.27	9/24/2016	6:04 PM	2.45	119.62
9/26/2016	4:04 PM	2.45	119.49	9/24/2016	5:04 PM	2.45	119.28
9/26/2016	3:04 PM	2.45	119.73	9/24/2016	4:04 PM	2.45	119.14
9/26/2016	2:04 PM	2.45	119.93	9/24/2016	3:04 PM	3.5	118.83
9/26/2016	1:04 PM	2.45	120.03	9/24/2016	2:04 PM	2.45	118.63
9/26/2016	12:04 PM	3.5	120.22	9/24/2016	1:04 PM	2.45	118.77
9/26/2016	11:04 AM	2.45	120.05	9/24/2016	12:04 PM	2.8	119.45
9/26/2016	10:04 AM	2.45	119.56	9/24/2016	11:04 AM	2.45	119.41
9/26/2016	9:04 AM	2.45	119.09	9/24/2016	10:04 AM	2.45	119.68
9/26/2016	8:04 AM	2.45	118.83	9/24/2016	9:04 AM	2.45	119.89
9/26/2016	7:04 AM	2.45	118.65	9/24/2016	8:03 AM	3.5	120.09
9/26/2016	6:04 AM	3.5	118.36	9/24/2016	7:03 AM	2.45	120.25
9/26/2016	5:04 AM	2.45	118.67	9/24/2016	6:03 AM	2.45	120.27
9/26/2016	4:04 AM	2.45	119.2	9/24/2016	5:03 AM	2.45	120.07
9/26/2016	3:04 AM	2.45	119.58	9/24/2016	4:03 AM	2.45	120.04
9/26/2016	2:04 AM	2.45	119.87	9/24/2016	3:03 AM	2.45	120.02
9/26/2016	1:04 AM	3.5	120.01	9/24/2016	2:03 AM	2.45	119.74
9/26/2016	12:04 AM	3.5	119.6	9/24/2016	1:03 AM	2.45	119.5
9/25/2016	11:04 PM	2.45	119.26	9/24/2016	12:03 AM	3.5	119.33
9/25/2016	10:04 PM	2.45	119.07	9/23/2016	11:03 PM	2.45	119.23
9/25/2016	9:04 PM	2.45	118.78	9/23/2016	10:03 PM	2.45	119.22

9/23/2016	9:03 PM	2.45	118.92	9/21/2016	10:03 PM	2.8	132.71
9/23/2016	8:03 PM	2.45	119.02	9/21/2016	9:03 PM	3.85	132.61
9/23/2016	7:03 PM	3.5	119.52	9/21/2016	8:03 PM	2.8	132.97
9/23/2016	6:03 PM	2.45	118.7	9/21/2016	7:03 PM	3.15	133.57
9/23/2016	5:03 PM	2.45	118.95	9/21/2016	6:03 PM	2.8	133.82
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9/23/2016	2:03 PM	2.8	133.92	9/21/2016	3:02 PM	2.8	134.49
9/23/2016	1:03 PM	5.25	138.14	9/21/2016	2:02 PM	2.8	134.72
9/23/2016	12:03 PM	2.8	134.39	9/21/2016	1:02 PM	3.5	135.32
9/23/2016	11:03 AM	2.8	134.64	9/21/2016	12:02 PM	2.8	134.39
9/23/2016	10:03 AM	3.5	134.93	9/21/2016	11:02 AM	4.55	160.93
9/23/2016	9:03 AM	5.95	136.89	9/21/2016	10:02 AM	4.55	163.38
9/23/2016	8:03 AM	2.8	134.26	9/21/2016	9:02 AM	3.15	138.84
9/23/2016	7:03 AM	2.8	133.56	9/21/2016	8:02 AM	3.15	138.57
9/23/2016	6:03 AM	2.8	133.01	9/21/2016	7:02 AM	3.15	138.34
9/23/2016	5:03 AM	2.8	133.28	9/21/2016	6:02 AM	3.15	138.15
9/23/2016	4:03 AM	2.8	133.56	9/21/2016	5:02 AM	5.6	138
9/23/2016	3:03 AM	2.8	133.71	9/21/2016	4:02 AM	3.15	139.18
9/23/2016	2:03 AM	2.8	133.75	9/21/2016	3:02 AM	3.15	140.02
9/23/2016	1:03 AM	2.8	133.41	9/21/2016	2:02 AM	6.3	140.55
9/23/2016	12:03 AM	3.5	132.94	9/21/2016	1:02 AM	3.15	140.52
9/22/2016	11:03 PM	2.8	132.78	9/21/2016	12:02 AM	41.3	139.41
9/22/2016	10:03 PM	2.8	132.71	9/20/2016	11:02 PM	3.15	138.6
9/22/2016	9:03 PM	3.85	132.81	9/20/2016	10:02 PM	3.15	138.43
9/22/2016	8:03 PM	2.8	133.33	9/20/2016	9:02 PM	5.6	138.45
9/22/2016	7:03 PM	2.8	133.71	9/20/2016	8:02 PM	3.15	139.39
9/22/2016	6:03 PM	2.8	133.93	9/20/2016	7:02 PM	3.5	139.8
9/22/2016	5:03 PM	2.8	134.11	9/20/2016	6:02 PM	3.15	140.27
9/22/2016	4:03 PM	2.8	134.45	9/20/2016	5:02 PM	3.15	140.42
9/22/2016	3:03 PM	3.15	134.98	9/20/2016	4:02 PM	3.15	140.64
9/22/2016	2:03 PM	3.5	134.82	9/20/2016	3:02 PM	6.3	141.12
9/22/2016	1:03 PM	3.85	135.74	9/20/2016	2:02 PM	2.8	140.69
9/22/2016	12:03 PM	2.8	134.93	9/20/2016	1:02 PM	2.8	140.31
9/22/2016	11:03 AM	2.8	134.7	9/20/2016	12:02 PM	3.15	139.92
9/22/2016	10:03 AM	2.8	134.25	9/20/2016	11:02 AM	3.15	139.55
9/22/2016	9:03 AM	2.8	133.88	9/20/2016	10:02 AM	3.15	139.34
9/22/2016	8:03 AM	2.8	133.66	9/20/2016	9:02 AM	3.15	138.89
9/22/2016	7:03 AM	2.8	133.7	9/20/2016	8:02 AM	3.15	139.02
9/22/2016	6:03 AM	2.8	133.88	9/20/2016	7:02 AM	3.15	139.06
9/22/2016	5:03 AM	2.8	133.91	9/20/2016	6:02 AM	3.15	139.28
9/22/2016	4:03 AM	2.8	134	9/20/2016	5:02 AM	3.15	139.51
9/22/2016	3:03 AM	2.8	133.86	9/20/2016	4:02 AM	3.15	139.51
9/22/2016	2:03 AM	2.8	133.52	9/20/2016	3:02 AM	3.15	139.56
9/22/2016	1:03 AM	2.8	133.13	9/20/2016	2:02 AM	3.15	139.25
9/22/2016	12:03 AM	3.5	132.89	9/20/2016	1:02 AM	3.15	139.07
9/21/2016	11:03 PM	2.8	132.62	9/20/2016	12:02 AM	6.3	138.82

9/19/2016	11:02 PM	3.15	138.58	9/18/2016	12:01 AM	6.65	140.11
9/19/2016	10:02 PM	3.15	138.44	9/17/2016	11:01 PM	3.15	139.86
9/19/2016	9:02 PM	3.15	138.61	9/17/2016	10:01 PM	3.15	139.84
9/19/2016	8:02 PM	5.95	138.61	9/17/2016	9:01 PM	3.15	139.76
9/19/2016	7:02 PM	3.15	138.95	9/17/2016	8:01 PM	3.15	139.5
9/19/2016	6:02 PM	3.5	139.34	9/17/2016	7:01 PM	5.6	139.24
9/19/2016	5:02 PM	3.15	139.46	9/17/2016	6:01 PM	3.15	139.17
9/19/2016	4:02 PM	3.15	139.74	9/17/2016	5:01 PM	3.15	139.46
9/19/2016	3:02 PM	3.15	140.11	9/17/2016	4:01 PM	3.15	139.83
9/19/2016	2:02 PM	3.15	140.22	9/17/2016	3:01 PM	3.15	140.03
9/19/2016	1:02 PM	3.15	140.38	9/17/2016	2:01 PM	3.15	140.34
9/19/2016	12:02 PM	3.15	140.55	9/17/2016	1:01 PM	3.15	140.51
9/19/2016	11:01 AM	6.3	140.85	9/17/2016	12:01 PM	3.15	140.88
9/19/2016	10:01 AM	3.15	140.68	9/17/2016	11:01 AM	6.3	141.26
9/19/2016	9:01 AM	3.15	140.34	9/17/2016	10:01 AM	3.15	141.43
9/19/2016	8:01 AM	3.15	139.67	9/17/2016	9:01 AM	3.15	140.99
9/19/2016	7:01 AM	3.15	139.08	9/17/2016	8:01 AM	3.15	140.71
9/19/2016	6:01 AM	3.15	138.95	9/17/2016	7:01 AM	3.15	140.73
9/19/2016	5:01 AM	3.15	139.24	9/17/2016	6:01 AM	3.15	140.68
9/19/2016	4:01 AM	3.15	139.55	9/17/2016	5:01 AM	3.15	140.56
9/19/2016	3:01 AM	3.15	139.73	9/17/2016	4:01 AM	3.15	140.45
9/19/2016	2:01 AM	3.15	139.65	9/17/2016	3:01 AM	3.15	140.22
9/19/2016	1:01 AM	3.15	139.39	9/17/2016	2:01 AM	3.15	139.84
9/19/2016	12:01 AM	6.3	139	9/17/2016	1:01 AM	3.15	139.47
9/18/2016	11:01 PM	3.15	138.91	9/17/2016	12:01 AM	6.65	139.15
9/18/2016	10:01 PM	3.15	138.71	9/16/2016	11:01 PM	3.15	138.98
9/18/2016	9:01 PM	5.95	138.88	9/16/2016	10:01 PM	3.15	139.04
9/18/2016	8:01 PM	3.15	139.33	9/16/2016	9:01 PM	5.95	138.93
9/18/2016	7:01 PM	3.5	139.8	9/16/2016	8:01 PM	3.15	139.25
9/18/2016	6:01 PM	3.15	140.29	9/16/2016	7:01 PM	3.15	139.68
9/18/2016	5:01 PM	3.15	140.74	9/16/2016	6:00 PM	3.15	140.16
9/18/2016	4:01 PM	3.15	140.95	9/16/2016	5:00 PM	3.15	140.32
9/18/2016	3:01 PM	38.15	141	9/16/2016	4:00 PM	3.15	140.74
9/18/2016	2:01 PM	3.15	141.17	9/16/2016	3:00 PM	3.15	141.01
9/18/2016	1:01 PM	3.15	140.77	9/16/2016	2:00 PM	5.95	145.89
9/18/2016	12:01 PM	3.15	140.43	9/16/2016	1:00 PM	3.15	141.25
9/18/2016	11:01 AM	3.15	140.09	9/16/2016	12:00 PM	6.3	142.58
9/18/2016	10:01 AM	3.15	139.64	9/16/2016	11:00 AM	11.9	142.2
9/18/2016	9:01 AM	5.6	139.37	9/16/2016	10:00 AM	6.3	141.47
9/18/2016	8:01 AM	3.15	139.23	9/16/2016	9:00 AM	3.5	139.54
9/18/2016	7:01 AM	3.15	139.47	9/16/2016	8:00 AM	8.05	140.51
9/18/2016	6:01 AM	3.15	139.77	9/16/2016	7:00 AM	3.15	140.31
9/18/2016	5:01 AM	3.15	140.23	9/16/2016	6:00 AM	4.9	139.71
9/18/2016	4:01 AM	6.3	140.48	9/16/2016	5:00 AM	3.15	139.87
9/18/2016	3:01 AM	3.15	141.01	9/16/2016	4:00 AM	3.15	140.21
9/18/2016	2:01 AM	3.15	140.76	9/16/2016	3:00 AM	3.15	140.26
9/18/2016	1:01 AM	6.65	140.34	9/16/2016	2:00 AM	3.15	140.28

9/16/2016	1:00 AM	3.15	139.95	9/14/2016	1:59 AM	3.15	142.14
9/16/2016	12:00 AM	6.65	139.5	9/14/2016	12:59 AM	3.15	141.63
9/15/2016	11:00 PM	3.15	139.21	9/13/2016	11:59 PM	6.65	141.2
9/15/2016	10:00 PM	3.15	138.89	9/13/2016	10:59 PM	3.15	140.77
9/15/2016	9:00 PM	5.95	138.72	9/13/2016	9:59 PM	3.15	140.79
9/15/2016	8:00 PM	3.15	138.9	9/13/2016	8:59 PM	3.15	140.83
9/15/2016	7:00 PM	3.15	139.41	9/13/2016	7:59 PM	5.95	140.95
9/15/2016	6:00 PM	3.15	139.61	9/13/2016	6:59 PM	3.15	141.5
9/15/2016	5:00 PM	3.15	139.92	9/13/2016	5:59 PM	3.15	141.62
9/15/2016	4:00 PM	5.6	147.07	9/13/2016	4:59 PM	3.15	142.21
9/15/2016	3:00 PM	4.9	142.08	9/13/2016	3:59 PM	3.15	142.25
9/15/2016	2:00 PM	3.5	140.55	9/13/2016	2:59 PM	3.15	142.55
9/15/2016	1:00 PM	3.15	140.54	9/13/2016	1:59 PM	3.5	142.93
9/15/2016	12:00 PM	6.3	144.44	9/13/2016	12:59 PM	3.15	143.51
9/15/2016	11:00 AM	5.25	141.74	9/13/2016	11:59 AM	3.15	144.03
9/15/2016	10:00 AM	6.65	140.88	9/13/2016	10:59 AM	3.15	144.6
9/15/2016	9:00 AM	3.15	139.72	9/13/2016	9:59 AM	12.6	221.68
9/15/2016	8:00 AM	3.15	139.14	9/13/2016	8:59 AM	22.05	174.59
9/15/2016	7:00 AM	3.15	138.89	9/13/2016	7:59 AM	0	0
9/15/2016	6:00 AM	3.15	139.3	9/13/2016	6:59 AM	0	0
9/15/2016	5:00 AM	3.15	139.95	9/13/2016	5:59 AM	0	0
9/15/2016	4:00 AM	3.15	140.66	9/13/2016	4:59 AM	0	0
9/15/2016	3:00 AM	3.15	140.44	9/13/2016	3:59 AM	0	0
9/15/2016	2:00 AM	3.15	140.11	9/13/2016	2:59 AM	0	0
9/15/2016	1:00 AM	3.15	139.87	9/13/2016	1:59 AM	0	0
9/15/2016	12:00 AM	3.15	139.69	9/13/2016	12:59 AM	0	0
9/14/2016	11:00 PM	6.3	140.15	9/12/2016	11:59 PM	0	0
9/14/2016	10:00 PM	3.15	140.47	9/12/2016	10:59 PM	0	0
9/14/2016	9:00 PM	3.15	140.18	9/12/2016	9:59 PM	0	0
9/14/2016	8:00 PM	5.95	140.34	9/12/2016	8:59 PM	0	0
9/14/2016	7:00 PM	6.3	140.55	9/12/2016	7:59 PM	0	0
9/14/2016	6:00 PM	3.15	140.24	9/12/2016	6:59 PM	0	0
9/14/2016	5:00 PM	3.15	140.6	9/12/2016	5:59 PM	39.55	2.84
9/14/2016	4:00 PM	3.15	141.04	9/12/2016	4:59 PM	21	0.13
9/14/2016	3:00 PM	3.15	141.25	9/12/2016	3:59 PM	0	0
9/14/2016	1:59 PM	5.25	142.29	9/12/2016	2:59 PM	0	0
9/14/2016	12:59 PM	3.15	141.58	9/12/2016	1:59 PM	0	0
9/14/2016	11:59 AM	3.15	141.91	9/12/2016	12:59 PM	0	0
9/14/2016	10:59 AM	3.15	142.22	9/12/2016	11:59 AM	0	0
9/14/2016	9:59 AM	6.65	142.55	9/12/2016	10:59 AM	0	0
9/14/2016	8:59 AM	3.15	142.51	9/12/2016	9:59 AM	0	0
9/14/2016	7:59 AM	3.15	142.36	9/12/2016	8:59 AM	0	0
9/14/2016	6:59 AM	3.15	142.29	9/12/2016	7:59 AM	0	0
9/14/2016	5:59 AM	3.15	142.17	9/12/2016	6:59 AM	0	0
9/14/2016	4:59 AM	3.15	142.38	9/12/2016	5:59 AM	0	0
9/14/2016	3:59 AM	3.15	142.36	9/12/2016	4:59 AM	0	0
9/14/2016	2:59 AM	3.15	142.21	9/12/2016	3:59 AM	0	0

9/12/2016	2:59 AM	0	0	9/10/2016	3:58 AM	0	0
9/12/2016	1:59 AM	0	0	9/10/2016	2:58 AM	0	0
9/12/2016	12:59 AM	0	0	9/10/2016	1:58 AM	0	0
9/11/2016	11:59 PM	0	0	9/10/2016	12:58 AM	0	0
9/11/2016	10:59 PM	0	0	9/9/2016	11:58 PM	0	0
9/11/2016	9:59 PM	0	0	9/9/2016	10:58 PM	5.95	0.04
9/11/2016	8:58 PM	0	0	9/9/2016	9:58 PM	0	0
9/11/2016	7:58 PM	0	0	9/9/2016	8:58 PM	0	0
9/11/2016	6:58 PM	0	0	9/9/2016	7:58 PM	0	0
9/11/2016	5:58 PM	0	0	9/9/2016	6:58 PM	0	0
9/11/2016	4:58 PM	0	0	9/9/2016	5:58 PM	0	0
9/11/2016	3:58 PM	0	0	9/9/2016	4:58 PM	0	0
9/11/2016	2:58 PM	0	0	9/9/2016	3:58 PM	0	0
9/11/2016	1:58 PM	0	0	9/9/2016	2:58 PM	0	0
9/11/2016	12:58 PM	0	0	9/9/2016	1:58 PM	0	0
9/11/2016	11:58 AM	0	0	9/9/2016	12:58 PM	0	0
9/11/2016	10:58 AM	0	0	9/9/2016	11:58 AM	0	0
9/11/2016	9:58 AM	0	0	9/9/2016	10:58 AM	0	0
9/11/2016	8:58 AM	0	0	9/9/2016	9:58 AM	0	0
9/11/2016	7:58 AM	0	0	9/9/2016	8:58 AM	0	0
9/11/2016	6:58 AM	0	0	9/9/2016	7:58 AM	0	0
9/11/2016	5:58 AM	0	0	9/9/2016	6:58 AM	0	0
9/11/2016	4:58 AM	0	0	9/9/2016	5:58 AM	0	0
9/11/2016	3:58 AM	0	0	9/9/2016	4:58 AM	0	0
9/11/2016	2:58 AM	0	0	9/9/2016	3:57 AM	0	0
9/11/2016	1:58 AM	0	0	9/9/2016	2:57 AM	0	0
9/11/2016	12:58 AM	0	0	9/9/2016	1:57 AM	0	0
9/10/2016	11:58 PM	0	0	9/9/2016	12:57 AM	0	0
9/10/2016	10:58 PM	0	0	9/8/2016	11:57 PM	0	0
9/10/2016	9:58 PM	0	0	9/8/2016	10:57 PM	0	0
9/10/2016	8:58 PM	0	0	9/8/2016	9:57 PM	0	0
9/10/2016	7:58 PM	0	0	9/8/2016	8:57 PM	0	0
9/10/2016	6:58 PM	0	0	9/8/2016	7:57 PM	0	0
9/10/2016	5:58 PM	0	0	9/8/2016	6:57 PM	0	0
9/10/2016	4:58 PM	0	0	9/8/2016	5:57 PM	0	0
9/10/2016	3:58 PM	0	0	9/8/2016	4:57 PM	0	0
9/10/2016	2:58 PM	0	0	9/8/2016	3:57 PM	0	0
9/10/2016	1:58 PM	0	0	9/8/2016	2:57 PM	0	0
9/10/2016	12:58 PM	0	0	9/8/2016	1:57 PM	0	0
9/10/2016	11:58 AM	0	0	9/8/2016	12:57 PM	0	0
9/10/2016	10:58 AM	12.25	0.15	9/8/2016	11:57 AM	0	0
9/10/2016	9:58 AM	0	0	9/8/2016	10:57 AM	0	0
9/10/2016	8:58 AM	0	0	9/8/2016	9:57 AM	0	0
9/10/2016	7:58 AM	0	0	9/8/2016	8:57 AM	0	0
9/10/2016	6:58 AM	0	0	9/8/2016	7:57 AM	0	0
9/10/2016	5:58 AM	0	0	9/8/2016	6:57 AM	9.1	0.06
9/10/2016	4:58 AM	0	0	9/8/2016	5:57 AM	0	0

9/8/2016	4:57 AM	0	0	9/6/2016	5:56 AM	0	0
9/8/2016	3:57 AM	0	0	9/6/2016	4:56 AM	0	0
9/8/2016	2:57 AM	0	0	9/6/2016	3:56 AM	0	0
9/8/2016	1:57 AM	8.75	0.05	9/6/2016	2:56 AM	0	0
9/8/2016	12:57 AM	0	0	9/6/2016	1:56 AM	0	0
9/7/2016	11:57 PM	0	0	9/6/2016	12:56 AM	0	0
9/7/2016	10:57 PM	0	0	9/5/2016	11:56 PM	0	0
9/7/2016	9:57 PM	0	0	9/5/2016	10:56 PM	0	0
9/7/2016	8:57 PM	0	0	9/5/2016	9:56 PM	0	0
9/7/2016	7:57 PM	0	0	9/5/2016	8:56 PM	0	0
9/7/2016	6:57 PM	0	0	9/5/2016	7:56 PM	0	0
9/7/2016	5:57 PM	0	0	9/5/2016	6:56 PM	0	0
9/7/2016	4:57 PM	0	0	9/5/2016	5:56 PM	0	0
9/7/2016	3:57 PM	0	0	9/5/2016	4:56 PM	0	0
9/7/2016	2:57 PM	0	0	9/5/2016	3:56 PM	0	0
9/7/2016	1:57 PM	0	0	9/5/2016	2:56 PM	0	0
9/7/2016	12:57 PM	0	0	9/5/2016	1:56 PM	0	0
9/7/2016	11:57 AM	0	0	9/5/2016	12:56 PM	0	0
9/7/2016	10:57 AM	0	0	9/5/2016	11:56 AM	0	0
9/7/2016	9:57 AM	0	0	9/5/2016	10:56 AM	0	0
9/7/2016	8:57 AM	0	0	9/5/2016	9:56 AM	0	0
9/7/2016	7:57 AM	0	0	9/5/2016	8:56 AM	0	0
9/7/2016	6:57 AM	0	0	9/5/2016	7:56 AM	0	0
9/7/2016	5:57 AM	0	0	9/5/2016	6:56 AM	0	0
9/7/2016	4:57 AM	0	0	9/5/2016	5:56 AM	0	0
9/7/2016	3:57 AM	0	0	9/5/2016	4:56 AM	0	0
9/7/2016	2:57 AM	0	0	9/5/2016	3:56 AM	0	0
9/7/2016	1:57 AM	0	0	9/5/2016	2:56 AM	0	0
9/7/2016	12:57 AM	0	0	9/5/2016	1:56 AM	0	0
9/6/2016	11:56 PM	0	0	9/5/2016	12:56 AM	0	0
9/6/2016	10:56 PM	0	0	9/4/2016	11:56 PM	0	0
9/6/2016	9:56 PM	0	0	9/4/2016	10:56 PM	0	0
9/6/2016	8:56 PM	0	0	9/4/2016	9:56 PM	0	0
9/6/2016	7:56 PM	0	0	9/4/2016	8:56 PM	0	0
9/6/2016	6:56 PM	0	0	9/4/2016	7:56 PM	0	0
9/6/2016	5:56 PM	0	0	9/4/2016	6:56 PM	0	0
9/6/2016	4:56 PM	0	0	9/4/2016	5:56 PM	0	0
9/6/2016	3:56 PM	0	0	9/4/2016	4:56 PM	0	0
9/6/2016	2:56 PM	0	0	9/4/2016	3:56 PM	0	0
9/6/2016	1:56 PM	0	0	9/4/2016	2:56 PM	0	0
9/6/2016	12:56 PM	0	0	9/4/2016	1:56 PM	0	0
9/6/2016	11:56 AM	0	0	9/4/2016	12:56 PM	0	0
9/6/2016	10:56 AM	0	0	9/4/2016	11:56 AM	0	0
9/6/2016	9:56 AM	0	0	9/4/2016	10:56 AM	0	0
9/6/2016	8:56 AM	0	0	9/4/2016	9:56 AM	0	0
9/6/2016	7:56 AM	0	0	9/4/2016	8:56 AM	0	0
9/6/2016	6:56 AM	0	0	9/4/2016	7:56 AM	0	0

9/4/2016	6:55 AM	0	0	9/2/2016	7:55 AM	0	0
9/4/2016	5:55 AM	0	0	9/2/2016	6:55 AM	0	0
9/4/2016	4:55 AM	0	0	9/2/2016	5:55 AM	0	0
9/4/2016	3:55 AM	0	0	9/2/2016	4:55 AM	0	0
9/4/2016	2:55 AM	0	0	9/2/2016	3:55 AM	0	0
9/4/2016	1:55 AM	0	0	9/2/2016	2:54 AM	0	0
9/4/2016	12:55 AM	0	0	9/2/2016	1:54 AM	0	0
9/3/2016	11:55 PM	0	0	9/2/2016	12:54 AM	0	0
9/3/2016	10:55 PM	0	0	9/1/2016	11:54 PM	0	0
9/3/2016	9:55 PM	0	0	9/1/2016	10:54 PM	0	0
9/3/2016	8:55 PM	0	0	9/1/2016	9:54 PM	0	0
9/3/2016	7:55 PM	0	0	9/1/2016	8:54 PM	0	0
9/3/2016	6:55 PM	0	0	9/1/2016	7:54 PM	0	0
9/3/2016	5:55 PM	0	0	9/1/2016	6:54 PM	0	0
9/3/2016	4:55 PM	0	0	9/1/2016	5:54 PM	0	0
9/3/2016	3:55 PM	0	0	9/1/2016	3:54 PM	0	0
9/3/2016	2:55 PM	0	0	9/1/2016	2:54 PM	0	0
9/3/2016	1:55 PM	0	0	9/1/2016	1:54 PM	0	0
9/3/2016	12:55 PM	0	0	9/1/2016	12:54 PM	0	0
9/3/2016	11:55 AM	0	0	9/1/2016	11:54 AM	0	0
9/3/2016	10:55 AM	0	0	9/1/2016	10:54 AM	0	0
9/3/2016	9:55 AM	0	0	9/1/2016	9:54 AM	0	0
9/3/2016	8:55 AM	0	0	9/1/2016	8:54 AM	0	0
9/3/2016	7:55 AM	0	0	9/1/2016	7:54 AM	0	0
9/3/2016	6:55 AM	0	0	9/1/2016	6:54 AM	0	0
9/3/2016	5:55 AM	0	0	9/1/2016	5:54 AM	0	0
9/3/2016	4:55 AM	0	0	9/1/2016	4:54 AM	0	0
9/3/2016	3:55 AM	0	0	9/1/2016	3:54 AM	0	0
9/3/2016	2:55 AM	0	0	9/1/2016	2:54 AM	0	0
9/3/2016	1:55 AM	0	0	9/1/2016	1:54 AM	0	0
9/3/2016	12:55 AM	0	0	9/1/2016	12:54 AM	0	0
9/2/2016	11:55 PM	0	0	8/31/2016	11:54 PM	0	0
9/2/2016	10:55 PM	0	0	8/31/2016	10:54 PM	0	0
9/2/2016	9:55 PM	0	0	8/31/2016	9:54 PM	0	0
9/2/2016	8:55 PM	0	0	8/31/2016	8:54 PM	0	0
9/2/2016	7:55 PM	0	0	8/31/2016	7:54 PM	0	0
9/2/2016	6:55 PM	0	0	8/31/2016	6:54 PM	0	0
9/2/2016	5:55 PM	0	0	8/31/2016	5:54 PM	0	0
9/2/2016	4:55 PM	0	0	8/31/2016	4:54 PM	0	0
9/2/2016	3:55 PM	0	0	8/31/2016	3:54 PM	0	0
9/2/2016	2:55 PM	0	0	8/31/2016	2:54 PM	0	0
9/2/2016	1:55 PM	31.15	13.81	8/31/2016	1:54 PM	0	0
9/2/2016	12:55 PM	32.2	3.56	8/31/2016	12:54 PM	0	0
9/2/2016	11:55 AM	0	0				
9/2/2016	10:55 AM	0	0				
9/2/2016	9:55 AM	0	0				
9/2/2016	8:55 AM	0	0				

Average Flow	2.4
Average Consumption	82.65
Total Consumption	69,512.33
Max Flow	41.3
Units	Gallons/Hour
Earliest	8/31/2016 12:54
Latest	10/5/2016 13:08



INSPECTION REPORT

BLDG. DEPT WATER DEPT

Permit # _____ Time: 10:00 M T W Thu F S FAILED ATI
 (Re-Inspect) (Acceptable)

Date: 9/15/16

Site # 20... Builder CHAMITHA HOME Superintendent _____ Cell # _____

INSPECTION PERFORMED AT STAGE(S) CHECKED • BUILDER REQUIRED AT STAGES #5, #6 AND #9 (note *)

Stage (Each Stage Must Pass Inspection Before Continuing) • Missed Inspections @\$100/ea. \$ _____

1. Environmental – dumpster port-a-pot trash fences site clean driveway fill address large/visible
 2. Setbacks – 15' L 15' R 45' F 25' Side-Corner Lot Builder responsible for encroachment(s)
 3. Sewer rough-in • Water in pipes
 4. Compaction – Tamped firm • Water in pipes
 - 5.* Slab/Foundation (pre-pour) – engineer approval required – report provided • Water in pipes
 - 6.* Framing-ATI Plumbing-ATI Mechanical-ATI 4-Hour Gas line pressure test (holding) OK
 - 7 Energy – Exterior walls BATT BLOWN-IN FOAM • Poly applied throughout
 8. Flatwork – Approach steel is #10(x2) #6 #3 bars • Balance is #10 steel #6 #3 bars
 - 8a Water line (from meter at street to house) - This Water Department inspection is required for C of O
 - 9.* FINAL (RES) – A TEMP Certificate of Occupancy is issued for _____ days OK to move in
- Positive Grade (6" in 10' Rule) Address VISIBLE All Fees Paid Plumbing Certification
- ELECTRICAL - TML ROUGH-IN TOPS FINAL BONDING
- FINAL (other than a residence)
- SPECIAL: In-Progress Ordinance Issue Owner/Builder Request Other _____

Residence Pool Deck Spa Fence Outbuilding • Other _____

ITEMS NEXT TO AN ASTERISK (*) MUST BE CORRECTED. A RE-INSPECTION MAY BE REQUIRED.

All PLUMBING LINES LOOK GOOD

All GAS LINES LOOK GOOD Hold in PRESS

/

/

/

/

/

/

/

MUST CORRECT MUST RE-INSPECT CORRECT & PROCEED NO DEFICIENCIES NOTED

FEES for a re-inspection (R-I) to review corrections, a requested on-site visit, a City Ordinance, an IRC violation, or missed inspection(s) must be paid before the next inspection. Items failing to satisfy the IRC, applicable City Ordinances, or approved Plans/Specs, must be re-inspected (R-I) **before continuing**. Construction progress that meets requirements is "Acceptable to the Inspector" (ATI). *Electrical inspections are separate and independent.*

Stage # 6 Initial Inspection R-I to review corrections Corrections made - ATI Today's Fees: \$ _____

X KOVCH & CO. DANA BESSUD
 Print or sign legibly Inspector



INSPECTION REPORT

BLDG. DEPT WATER DEPT

Permit # [Redacted]
Site # 30

Time: 2:00	M <input checked="" type="checkbox"/> T <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/> Thu <input checked="" type="checkbox"/> F <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/>	FAILED <input type="checkbox"/>	ATI <input checked="" type="checkbox"/>
Date: 6/14/16		(Re-Inspect)	(Acceptable)
Builder: CHAMPALINE HOMES	Superintendent: DAVID	Cell #	

INSPECTION PERFORMED AT STAGE(S) CHECKED • BUILDER REQUIRED AT STAGES #5, #6 AND #9 (note *)

Stage (Each Stage Must Pass Inspection Before Continuing) • Missed Inspections @\$100/ea. \$

- 1. Environmental – dumpster port-a-pot trash fences site clean driveway fill address large/visible
 - 2. Setbacks – 15' L 15' R 45' F 25' Side-Corner Lot Builder responsible for encroachment(s)
 - 3. Sewer rough-in • Water in pipes
 - 4. Compaction – Tamped firm • Water in pipes
 - 5.* Slab/Foundation (pre-pour) – engineer approval required – report provided • Water in pipes
 - 6.* Framing-ATI Plumbing-ATI Mechanical-ATI 4-Hour Gas line pressure test (holding) OK
 - 7 Energy – Exterior walls BATT BLOWN-IN FOAM • Poly applied throughout
 - 8. Flatwork – Approach steel is #10(x2) #6 #3 bars • Balance is #10 steel #6 #3 bars
 - 8a Water line (from meter at street to house) - This Water Department inspection is required for C of O
 - 9.* FINAL (RES) – A TEMP Certificate of Occupancy is issued for _____ days OK to move in
- Positive Grade (6" in 10' Rule) Address VISIBLE All Fees Paid Plumbing Certification
- ELECTRICAL - TML ROUGH-IN TOPS FINAL BONDING
- FINAL (other than a residence)
- SPECIAL: In-Progress Ordinance Issue Owner/Builder Request Other _____

Residence Pool Deck Spa Fence Outbuilding • Other _____

ITEMS NEXT TO AN ASTERISK (*) MUST BE CORRECTED. A RE-INSPECTION MAY BE REQUIRED.

PIPES LOOK GOOD HOLDING WATER

WATER SOFTENER LINE NOT SLEAVED GOING THRU FOUNDATION

~~_____~~

~~_____~~

~~_____~~

~~_____~~

~~_____~~

MUST CORRECT MUST RE-INSPECT CORRECT & PROCEED NO DEFICIENCIES NOTED

FEES for a re-inspection (R-I) to review corrections, a requested on-site visit, a City Ordinance, an IRC violation, or missed inspection(s) must be paid before the next inspection. Items failing to satisfy the IRC, applicable City Ordinances, or approved Plans/Specs, must be re-inspected (R-I) before continuing. Construction progress that meets requirements is "Acceptable to the Inspector" (ATI). *Electrical inspections are separate and independent.*

Stage # 3 Initial Inspection R-I to review corrections Corrections made - ATI Today's Fees: \$

X Raymond E. Goddard Inspector

Print or sign legibly

WILLIAM BONDURANT
3154 SUNSET CV
NEW BRAUNFELS TX 78130

[REDACTED] /30/2016 08/23/16 09/23/16 31 10/15/2016

0	34000	34000	RI WATER	137.91
			EAA EAA FEE	3.03
			080 CTG FEE	0.60

CITY OFFICES CLOSED OCT 10TH COLUMBUS
DAY. SEE ONLINE BILL PAY INSERT.
NATIONAL NIGHTOUT OCT 4TH 6PM-8PM.
AFTER HOURS CONTACT INFORMATION FOR
WATER/LOST&FOUND PETS 651-6831

20479 WAHL LN

\$155.63 \$141.54



10/15/16 ~~XXXXXXXXXX~~

\$155.63 \$141.54

WILLIAM BONDURANT
3154 SUNSET CV
NEW BRAUNFELS TX 78130

20479 WAHL LN



Acc Address
 Zon Name

Services Period Thru
 Grid Graph

Year

Month	Date	Read		Total Consumption	Demand		Reading		Occupant
		Previous	Current		Read	Consumption	Flag	Source	
- Year: 2016 Total 4									
Sep	09/22/2016	0	34	34			Regular	Manual Read	00
Aug	08/21/2016	0	0	0			Regular	Manual Read	00
Jul	07/22/2016	0	0	0			Regular	Manual Read	00
Jun	06/23/2016	0	0	0			Regular	Manual Read	00

Avg 9

Edit This Record

Bill Maintenance

File Edit Options Help

Account [Redacted] Address 20479 WAHL LN Manual Bill
 Zone [Redacted] Name BONDURANT, WILLIAM Bill Printed
 Book Dates 9/23/2016 Thru 10/23/2016

Metered Non-Metered Revenue Distribution

Serv/Tbl 010 RI Description WATER - RES INSIDE Status On

Meter		Charges		Readings		Consumption	
Number	81176287	Net	92.39	Previous	34	Meter	26
Scale	1.000	Tax	0.00	Current	60	Service	26
Dials	4	Fuel Adj.	0.00	Note		Bill	26

Serv	Tbl	Description	Meter #	Scale	Dials	Previous	Current	Consumption	Expected	Note
010	RI	WATER - RES INSIDE	81176287	1.000	4	34	60	26	17	

Arrears 141.54 Net 96.02 Tax 0.00 Returns 0.00 Total 237.56

Allocation Calculate Print Meter Account Reading Estimate Message OK Cancel

Edit water

Proposed next water bill based on current consumption.