



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, April 25, 2017 at 6 p.m.

The Garden Ridge City Water Commission will meet in a regular meeting on Tuesday, April 25, 2017 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, April 21, 2017 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 February 28, 2017 Water Commission Meeting

- b) Request from Richard Rosen, 21110 Tree Top Cove, for a reduction of water bill for the billing period of January 2017 through March 2017.

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 April 5, 2017 City Council Regular Meetings
- b) Set date, time and location for next meeting (May 23, 2017)

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 10:30 a.m. on April 21, 2017 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

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MINUTES OF CITY WATER COMMISSION **REGULAR MEETING** **February 28, 2017**

Members Present:

Chairman David Heier
Commissioner Andre Bullard
Commissioner Keven Harshbarger
Commissioner Ray Pitzen
Commissioner Pat Ramirez
Mayor Nadine Knaus, ex-officio

Member Absent:

Vice-Chairman Richard Holloway

City Staff Present:

Nancy Cain, City Administrator
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, February 28, 2017 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) January 24, 2017 Water Commission Meeting

Motion: A motion was made by Commissioner Ramirez, seconded by Commissioner Pitzen, to approve the minutes of January 24, 2017 Regular Water Commission Meeting, with corrections. The Water Commission voted five (5) for and none (0) opposed. The motion passed unanimously.

b) Request from Johanna Lizama, 9251 Blazing Star Trail, for a reduction of water bill for the billing period of November 21, 2016 through December 21, 2016

Alex Lizama, 9251 Blazing Star Trail, stated he is asking for a reduction of water bill for the billing period of November 21, 2016 through December 21, 2016. He stated he owns the house at 9251 Blazing Star Trail and 2 other houses in Garden Ridge. He had just moved from this house into another one across the street and had been checking this home regularly but not the week they were out of town. He stated they were notified by the City regarding water coming out of the door and that the water had been cut off. He stated a pipe inside the house busted, causing water damage to areas in their home. He also stated their homeowners insurance has been notified and their deductible is \$3,500 and is asking for a reduction in his bill since this event is out of their control.

Royce Goddard, Water Manager, stated due to the timeframe of this leak he was unable to print off a water usage history.

The Water Commission discussed Ordinance 54, homeowner's insurance coverage, and homeowner's responsibility.

The Water Commission agreed by consensus for the City Council to consider the variance request since Ordinance 54 does not allow the Commission to have the authority to recommend the variance request.

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 44.14 acre feet were pumped from the Edwards Aquifer and 3.47 acre feet were pumped from the Trinity. He stated the average daily usage is 682.77 gallons.

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

Royce Goddard, Water Manager stated waterline construction has begun on Sumac and Teakwood.

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

Royce Goddard, Water Manager reported from February 1st till February 28th the difference in the Static Level were .09 feet for the Edwards and .09 feet for the Trinity.

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) Items discussed at the February 1, 2017 City Council Regular Meetings

Nancy Cain, City Administrator, reported from February 1, 2017 the City Council approved the Water Commission recommendations on Ordinance 54 changes and the variance request from Mary Longloy to pay for water used calculated at the base rate.

b) Set date, time and location for next meeting (March 28, 2017)

Next Water Commission meeting will be held on Tuesday, March 28, 2017 in the City Council Chambers.

The Water Commission agreed by consensus to review Ordinance 54 regarding the water leak variance process.

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 Ramirez. The motion passed unanimously and the meeting adjourned at 6:30 p.m.

David Heier, Chair

ATTEST:

Shelley Goodwin, TRMC
City Secretary

Water Commission
As Of 28 February 2017

	2016						2017								
	Edwards		Trinity		Total	Quarterly	Edwards		Trinity		Total	Quarterly			
	Gallons	Acre Feet	Gallons	Acre Feet	Acre Feet	Acre Feet	Gallons	Acre Feet	Gallons	Acre Feet	Acre Feet	Acre Feet			
January	15,309,000	46.98	431,000	1.32	48.30	170.84	3,046,000	9.35	13,005,000	39.91	49.26	96.88	Actual		
February	512,000	1.57	19,825,000	60.84	62.41		1,132,000	3.47	14,384,000	44.14	47.62				
March	3,234,000	9.92	16,359,000	50.20	60.13		-	0.00	-	-	0.00				
April	494,000	1.52	18,620,000	57.14	58.66		-	0.00	-	-	0.00				
May	4,348,000	13.34	14,693,000	45.09	58.43		-	0.00	-	-	0.00				
June	29,247,000	89.76	1,608,000	4.93	94.69		-	0.00	-	-	0.00			0	
July	38,544,000	118.29	12,725,000	39.05	157.34		-	0.00	-	-	0.00			0	
August	24,439,000	75.00	7,880,000	24.18	99.18		-	0.00	-	-	0.00				
September	23,578,000	72.36	1,715,000	5.26	77.62		-	0.00	-	-	0.00				
October	27,951,000	85.78	0	0.00	85.78		334.14	-	0.00	-	-			0.00	0
November	17,929,000	55.02	895,000	2.75	57.77			-	0.00	-	-			0.00	
December	14,578,000	44.74	888,000	2.73	47.46			-	0.00	-	-			0.00	
TOTAL	200,163,000	614.28	95,639,000	293.51	907.78		4,178,000	12.82	27,389,000	84.05	96.88				
	EAA Stage 0, - 0%, Available 882.77 Ac/Ft, Unused 268.49 Ac/Ft							EAA Stage 0, - 0%, Available 682.77 Ac/Ft, Unused 669.95 Ac/Ft						682.77	
Current Edwards Permits															
Allocated Pumpage		CO00139	P100-767	511.951	Acre Feet	Total Available Edwards Water				682.77 Ac/Ft					
Purchase		BE 00109I	P100-327	2.000	Acre Feet					222,481,287.2 Gals					
Purchase		ME 00417D	P101-185	1.301	Acre Feet										
Purchase		ME 00479I	P101-315	3.895	Acre Feet					Connections: 1,575 Avg. usage per connection: 8,325.714 gals					
Purchase		UV 00437I	P101-699	2.000	Acre Feet										
Purchase		UV 00461I	P101-752	4.000	Acre Feet					Avg. Daily Usage: 02/01 - 02/24: 546,375.00 gals					
Purchase		UV 00478I	P101-801	2.000	Acre Feet										
Purchase		UV 00537H	P101-959	2.000	Acre Feet					Avg. connections 2016: 1571 Avg. usage per connection for 2016: 188,300.4 gals					
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	M. Friesenhahn		P100-745	65.000	Acre Feet										
Lease	Lloyd Loehman		P107-429	3.000	Acre Feet										
Lease	BVFD	1/1/2015 - 12/31/2015		-0.300	Acre Feet										
Monthly Well Progress Report															
Trinity Well Status: Static Level: Feb 1 st : 205.2' Feb 24 th : 206.1' Diff. of: 0.9'															
GPM: 875 Pumping Level: Feb 1 st : 170.1' Feb 24 th : 171.0' Diff. of: 0.9'															
Edwards Wells Status: Static Level: Feb 1 st : 137.7' Feb 24 th : 138.6' Diff. of: 0.9'															

Total Edwards Allocation 682.77 Acre Feet

Monthly Well Progress Report

Trinity Well Status: Static Level: Feb 1st: 205.2' Feb 24th: 206.1' Diff. of: 0.9'

GPM: 875 Pumping Level: Feb 1st: 170.1' Feb 24th: 171.0' Diff. of: 0.9'

Edwards Wells Status: Static Level: Feb 1st: 137.7' Feb 24th: 138.6' Diff. of: 0.9'

Richard Rosen
21110 Tree Top
Garden Ridge

Garden Ridge Board

In late January of this year we transferred water to our name we received a water bill of \$793.82 then March \$1221.20 at this time the house is vacant and has been since end of January. I received a phone call that the water usage was very high and they checked it and the sprinkler were using the water. Our tenet used 6,000 gallons then 5,000 and in August 8,500 propel cause is the timer, I'm told that if power goes out timer resets to factory settings I had sprinkler people out and timer was set to very high settings. Any help with this will be greatly appreciated

Thank you Richard Rosen

Date	Time	Max Flow	Consumption	Rosen, Richard 21110 Tree Top Cove			
03/23/2017	11:01 PM	33.95	66.66	03/22/2017	1:01 AM	34.3	33.61
03/23/2017	10:01 PM	40.95	940.94	03/22/2017	12:01 AM	34.3	33.37
03/23/2017	9:01 PM	37.8	893.20	03/21/2017	11:01 PM	33.95	33.06
03/23/2017	8:01 PM	39.2	948.24	03/21/2017	10:01 PM	33.6	33.00
03/23/2017	7:01 PM	37.8	784.68	03/21/2017	9:01 PM	33.95	33.22
03/23/2017	6:01 PM	39.9	386.77	03/21/2017	8:01 PM	33.95	149.35
03/23/2017	5:01 PM	0.35	-	03/21/2017	7:01 PM	0	(0.01)
03/23/2017	4:01 PM	0	0.01	03/21/2017	6:01 PM	0	0.01
03/23/2017	3:01 PM	0	0.02	03/21/2017	5:01 PM	0	0.02
03/23/2017	2:01 PM	0	(0.02)	03/21/2017	4:01 PM	34.65	33.76
03/23/2017	1:01 PM	34.65	16.92	03/21/2017	3:01 PM	34.65	33.84
03/23/2017	12:01 PM	34.65	33.85	03/21/2017	2:01 PM	34.65	16.97
03/23/2017	11:01 AM	34.3	21.49	03/21/2017	1:01 PM	34.3	33.62
03/23/2017	10:01 AM	34.3	33.60	03/21/2017	12:01 PM	34.65	33.80
03/23/2017	9:01 AM	34.3	33.30	03/21/2017	11:01 AM	34.65	33.74
03/23/2017	8:01 AM	33.6	32.95	03/21/2017	10:01 AM	34.3	33.57
03/23/2017	7:01 AM	33.6	33.00	03/21/2017	9:01 AM	39.55	951.35
03/23/2017	6:01 AM	39.2	313.92	03/21/2017	8:01 AM	37.1	873.38
03/23/2017	5:01 AM	39.9	1,040.42	03/21/2017	7:01 AM	37.8	870.34
03/23/2017	4:01 AM	37.8	865.53	03/21/2017	6:01 AM	38.15	771.54
03/23/2017	3:01 AM	38.85	926.31	03/21/2017	5:01 AM	39.9	403.12
03/23/2017	2:01 AM	40.6	774.89	03/21/2017	4:01 AM	34.3	25.37
03/23/2017	1:01 AM	0	(0.02)	03/21/2017	3:01 AM	34.65	25.23
03/23/2017	12:01 AM	0	0.02	03/21/2017	2:01 AM	34.65	33.85
03/22/2017	11:01 PM	0	(0.02)	03/21/2017	1:01 AM	34.65	33.68
03/22/2017	10:01 PM	0	(0.02)	03/21/2017	12:01 AM	34.3	33.39
03/22/2017	9:01 PM	0	-	03/20/2017	11:01 PM	33.95	33.14
03/22/2017	8:01 PM	0	0.02	03/20/2017	10:01 PM	38.85	923.85
03/22/2017	7:01 PM	0	(0.02)	03/20/2017	9:01 PM	37.1	872.24
03/22/2017	6:01 PM	0	(0.02)	03/20/2017	8:01 PM	38.5	875.48
03/22/2017	5:01 PM	0	0.02	03/20/2017	7:01 PM	38.15	790.69
03/22/2017	4:01 PM	0	(0.02)	03/20/2017	6:01 PM	40.25	391.36
03/22/2017	3:01 PM	8.4	10.82	03/20/2017	5:01 PM	0	-
03/22/2017	2:01 PM	8.75	12.14	03/20/2017	4:01 PM	0	0.02
03/22/2017	1:01 PM	5.95	9.71	03/20/2017	3:01 PM	0	0.01
03/22/2017	12:01 PM	0.35	0.04	03/20/2017	2:01 PM	0	0.01
03/22/2017	11:01 AM	13.65	129.64	03/20/2017	1:01 PM	34.3	16.78
03/22/2017	10:01 AM	2.1	1.46	03/20/2017	12:01 PM	34.3	33.61
03/22/2017	9:01 AM	0	(0.01)	03/20/2017	11:01 AM	34.65	16.87
03/22/2017	8:01 AM	0	0.03	03/20/2017	10:01 AM	34.3	33.58
03/22/2017	7:01 AM	0	(0.02)	03/20/2017	9:01 AM	34.3	33.40
03/22/2017	6:01 AM	0	0.01	03/20/2017	8:01 AM	33.95	33.22
03/22/2017	5:01 AM	0	(0.04)	03/20/2017	7:01 AM	33.95	32.92
03/22/2017	4:01 AM	0	0.01	03/20/2017	6:01 AM	39.2	309.13
03/22/2017	3:01 AM	34.65	16.93	03/20/2017	5:01 AM	39.55	1,033.56

03/22/2017	2:01 AM	34.65	33.82
03/20/2017	3:01 AM	38.5	924.40
03/20/2017	2:01 AM	40.95	774.90
03/20/2017	1:01 AM	34.65	33.83
03/20/2017	12:01 AM	34.65	33.55
03/19/2017	11:01 PM	34.3	33.53
03/19/2017	10:01 PM	34.3	33.54
03/19/2017	9:01 PM	34.3	33.58
03/19/2017	8:01 PM	34.3	149.79
03/19/2017	7:01 PM	0	(0.02)
03/19/2017	6:01 PM	0	(0.02)
03/19/2017	5:01 PM	0	0.01
03/19/2017	4:01 PM	0	(0.02)
03/19/2017	3:01 PM	0	0.02
03/19/2017	2:01 PM	0	0.01
03/19/2017	1:01 PM	0	0.01
03/19/2017	12:01 PM	0	-
03/19/2017	11:01 AM	0	0.02
03/19/2017	10:01 AM	0	0.01
03/19/2017	9:01 AM	0	(0.02)
03/19/2017	8:01 AM	0	(0.02)
03/19/2017	7:01 AM	0	0.03
03/19/2017	6:01 AM	0	(0.01)
03/19/2017	5:01 AM	0	(0.03)
03/19/2017	4:01 AM	0	0.01
03/19/2017	3:01 AM	0	0.01
03/19/2017	2:01 AM	0	(0.01)
03/19/2017	1:01 AM	0	0.03
03/19/2017	12:01 AM	0	0.02
03/18/2017	11:01 PM	0	0.01
03/18/2017	10:01 PM	0	0.03
03/18/2017	9:01 PM	0	0.02
03/18/2017	8:01 PM	0	(0.02)
03/18/2017	7:01 PM	0	-
03/18/2017	6:01 PM	0	(0.04)
03/18/2017	5:01 PM	0	0.03
03/18/2017	4:01 PM	0	-
03/18/2017	3:01 PM	0	0.04
03/18/2017	2:01 PM	0	(0.02)
03/18/2017	1:01 PM	0	0.01
03/18/2017	12:01 PM	0	(0.01)
03/18/2017	11:01 AM	0	(0.03)
03/18/2017	10:01 AM	0	(0.01)
03/18/2017	9:01 AM	0	-
03/18/2017	8:01 AM	0	0.02
03/18/2017	7:01 AM	0	0.03

03/20/2017	4:01 AM	37.45	859.26
03/18/2017	4:01 AM	0	0.03
03/18/2017	3:01 AM	34.3	16.74
03/18/2017	2:01 AM	33.95	33.19
03/18/2017	1:01 AM	33.95	33.05
03/18/2017	12:01 AM	33.6	33.10
03/17/2017	11:01 PM	33.95	33.20
03/17/2017	10:01 PM	34.3	33.28
03/17/2017	9:01 PM	34.3	33.49
03/17/2017	8:01 PM	34.3	149.67
03/17/2017	7:01 PM	0	0.02
03/17/2017	6:01 PM	0	-
03/17/2017	5:01 PM	0	0.01
03/17/2017	4:01 PM	35	33.78
03/17/2017	3:01 PM	34.65	33.90
03/17/2017	2:01 PM	34.3	16.83
03/17/2017	1:01 PM	34.3	33.39
03/17/2017	12:01 PM	33.95	33.15
03/17/2017	11:01 AM	33.6	33.06
03/17/2017	10:01 AM	33.95	33.11
03/17/2017	9:01 AM	39.55	948.91
03/17/2017	8:01 AM	37.45	882.24
03/17/2017	7:01 AM	38.5	884.23
03/17/2017	6:01 AM	38.15	783.62
03/17/2017	5:01 AM	40.25	409.67
03/17/2017	4:01 AM	34.3	21.98
03/17/2017	3:01 AM	34.65	28.68
03/17/2017	2:01 AM	34.3	33.57
03/17/2017	1:01 AM	34.3	33.28
03/17/2017	12:01 AM	33.95	33.11
03/16/2017	11:01 PM	33.95	33.08
03/16/2017	10:01 PM	39.2	929.37
03/16/2017	9:01 PM	37.45	878.11
03/16/2017	8:01 PM	38.5	876.24
03/16/2017	7:01 PM	38.15	793.53
03/16/2017	6:01 PM	40.6	394.78
03/16/2017	5:01 PM	0	-
03/16/2017	4:01 PM	0.35	(0.01)
03/16/2017	3:01 PM	0	0.02
03/16/2017	2:01 PM	0	(0.01)
03/16/2017	1:01 PM	34.65	16.95
03/16/2017	12:01 PM	34.65	33.70
03/16/2017	11:01 AM	33.95	16.75
03/16/2017	10:01 AM	33.95	33.41
03/16/2017	9:01 AM	33.6	33.03
03/16/2017	8:01 AM	33.6	33.05

03/18/2017	6:01 AM	0	(0.03)	03/16/2017	7:01 AM	33.95	33.18
03/18/2017	5:01 AM	0	0.02	03/16/2017	6:01 AM	39.2	308.34
03/16/2017	5:01 AM	39.9	1,038.65	03/14/2017	6:01 AM	38.15	784.37
03/16/2017	4:01 AM	37.8	863.33	03/14/2017	5:01 AM	40.25	411.80
03/16/2017	3:01 AM	38.85	929.22	03/14/2017	4:01 AM	34.65	19.33
03/16/2017	2:01 AM	40.95	779.18	03/14/2017	3:01 AM	34.65	48.19
03/16/2017	1:01 AM	34.65	33.85	03/14/2017	2:01 AM	34.65	67.70
03/16/2017	12:01 AM	34.3	33.70	03/14/2017	1:01 AM	34.65	67.78
03/15/2017	11:01 PM	34.3	33.41	03/14/2017	12:01 AM	34.65	67.42
03/15/2017	10:01 PM	33.95	33.12	03/13/2017	11:01 PM	34.3	66.92
03/15/2017	9:01 PM	33.95	32.96	03/13/2017	10:01 PM	40.95	936.34
03/15/2017	8:01 PM	33.95	148.88	03/13/2017	9:01 PM	37.45	891.30
03/15/2017	7:01 PM	0	-	03/13/2017	8:01 PM	38.85	944.37
03/15/2017	6:01 PM	0	0.02	03/13/2017	7:01 PM	37.8	786.81
03/15/2017	5:01 PM	0	-	03/13/2017	6:01 PM	39.9	393.24
03/15/2017	4:01 PM	0	(0.06)	03/13/2017	5:01 PM	0	(0.01)
03/15/2017	3:01 PM	0	-	03/13/2017	4:01 PM	0	(0.02)
03/15/2017	2:01 PM	0	0.02	03/13/2017	3:01 PM	2.8	1.17
03/15/2017	1:01 PM	0	(0.02)	03/13/2017	2:01 PM	7	6.68
03/15/2017	12:01 PM	0	0.02	03/13/2017	1:01 PM	34.3	16.79
03/15/2017	11:01 AM	0	0.02	03/13/2017	12:01 PM	34.3	34.06
03/15/2017	10:01 AM	0	0.02	03/13/2017	11:01 AM	34.65	16.80
03/15/2017	9:01 AM	0	0.02	03/13/2017	10:01 AM	34.3	33.57
03/15/2017	8:01 AM	0	(0.02)	03/13/2017	9:01 AM	34.65	33.76
03/15/2017	7:01 AM	0	(0.01)	03/13/2017	8:01 AM	34.65	33.80
03/15/2017	6:01 AM	0	(0.01)	03/13/2017	7:01 AM	34.65	33.64
03/15/2017	5:01 AM	0	(0.02)	03/13/2017	6:01 AM	39.2	306.58
03/15/2017	4:01 AM	0	0.01	03/13/2017	5:01 AM	39.9	1,030.61
03/15/2017	3:01 AM	0	0.01	03/13/2017	4:01 AM	37.1	846.12
03/15/2017	2:01 AM	0	(0.01)	03/13/2017	3:01 AM	37.8	911.81
03/15/2017	1:01 AM	0	-	03/13/2017	2:01 AM	39.55	781.94
03/15/2017	12:01 AM	0	(0.01)	03/13/2017	1:01 AM	33.95	49.84
03/14/2017	11:01 PM	0	0.03	03/13/2017	12:01 AM	39.55	1,064.74
03/14/2017	10:01 PM	0	(0.02)	03/12/2017	11:01 PM	38.85	943.15
03/14/2017	9:01 PM	0	0.03	03/12/2017	10:01 PM	37.45	521.90
03/14/2017	8:01 PM	0	0.02	03/12/2017	9:01 PM	39.2	864.73
03/14/2017	7:01 PM	0	0.02	03/12/2017	8:01 PM	40.25	741.92
03/14/2017	6:01 PM	0	0.02	03/12/2017	7:01 PM	40.25	199.41
03/14/2017	5:01 PM	0	(0.01)	03/12/2017	6:01 PM	0	(0.02)
03/14/2017	4:01 PM	34.65	33.77	03/12/2017	5:01 PM	0	(0.01)
03/14/2017	3:01 PM	34.3	33.55	03/12/2017	4:01 PM	0	0.01
03/14/2017	2:01 PM	33.95	16.61	03/12/2017	3:01 PM	0	0.01
03/14/2017	1:01 PM	33.95	33.12	03/12/2017	2:01 PM	0	(0.03)
03/14/2017	12:01 PM	33.6	32.97	03/12/2017	1:01 PM	0	-
03/14/2017	11:01 AM	33.95	33.04	03/12/2017	12:01 PM	0	0.02
03/14/2017	10:01 AM	33.95	33.17	03/12/2017	11:01 AM	0	0.03

03/14/2017	9:01 AM	39.55	946.64	03/12/2017	10:01 AM	0	0.01
03/14/2017	8:01 AM	37.45	881.00	03/12/2017	9:01 AM	0	-
03/14/2017	7:01 AM	38.15	882.27	03/12/2017	8:01 AM	0	0.01
03/12/2017	7:01 AM	0	0.02	03/10/2017	8:01 AM	37.8	887.01
03/12/2017	6:01 AM	0	(0.01)	03/10/2017	7:01 AM	38.5	886.81
03/12/2017	5:01 AM	0	(0.02)	03/10/2017	6:01 AM	38.15	793.22
03/12/2017	4:01 AM	0	0.02	03/10/2017	5:01 AM	40.6	417.45
03/12/2017	3:01 AM	33.95	16.67	03/10/2017	4:01 AM	34.3	16.84
03/12/2017	2:01 AM	34.3	33.38	03/10/2017	3:01 AM	34.3	49.98
03/12/2017	1:01 AM	34.3	33.39	03/10/2017	2:01 AM	33.95	66.20
03/12/2017	12:01 AM	34.3	33.51	03/10/2017	1:01 AM	33.95	66.17
03/11/2017	11:01 PM	34.3	33.51	03/10/2017	12:01 AM	33.95	66.28
03/11/2017	10:01 PM	34.3	33.56	03/09/2017	11:01 PM	33.95	66.38
03/11/2017	9:01 PM	34.65	33.65	03/09/2017	10:01 PM	41.3	938.62
03/11/2017	8:01 PM	34.65	150.30	03/09/2017	9:01 PM	37.8	898.29
03/11/2017	7:01 PM	0	0.02	03/09/2017	8:01 PM	39.2	951.08
03/11/2017	6:01 PM	0	0.02	03/09/2017	7:01 PM	38.15	795.96
03/11/2017	5:01 PM	0	0.02	03/09/2017	6:01 PM	40.25	399.57
03/11/2017	4:01 PM	0	(0.02)	03/09/2017	5:01 PM	0	0.02
03/11/2017	3:01 PM	0	-	03/09/2017	4:01 PM	0	(0.01)
03/11/2017	2:01 PM	0	(0.01)	03/09/2017	3:01 PM	0	0.02
03/11/2017	1:01 PM	0	0.04	03/09/2017	2:01 PM	0	0.01
03/11/2017	12:01 PM	0	0.01	03/09/2017	1:01 PM	34.65	16.90
03/11/2017	11:01 AM	0	0.01	03/09/2017	12:01 PM	34.65	30.27
03/11/2017	10:01 AM	0	(0.02)	03/09/2017	11:01 AM	34.65	20.45
03/11/2017	9:01 AM	0	-	03/09/2017	10:01 AM	34.65	33.68
03/11/2017	8:01 AM	0	0.01	03/09/2017	9:01 AM	34.3	33.65
03/11/2017	7:01 AM	0	0.02	03/09/2017	8:01 AM	34.65	33.68
03/11/2017	6:01 AM	0	0.01	03/09/2017	7:01 AM	34.3	33.52
03/11/2017	5:01 AM	0	0.01	03/09/2017	6:01 AM	39.2	301.97
03/11/2017	4:01 AM	0	(0.02)	03/09/2017	5:01 AM	39.55	1,028.26
03/11/2017	3:01 AM	0	-	03/09/2017	4:01 AM	37.1	845.72
03/11/2017	2:01 AM	0	(0.01)	03/09/2017	3:01 AM	38.15	913.85
03/11/2017	1:01 AM	0	-	03/09/2017	2:01 AM	39.9	769.68
03/11/2017	12:01 AM	0	-	03/09/2017	1:01 AM	0	0.02
03/10/2017	11:01 PM	0	0.01	03/09/2017	12:01 AM	0	0.02
03/10/2017	10:01 PM	0	(0.01)	03/08/2017	11:01 PM	0	(0.02)
03/10/2017	9:01 PM	0	(0.02)	03/08/2017	10:01 PM	0	0.01
03/10/2017	8:01 PM	0	(0.02)	03/08/2017	9:01 PM	0	0.03
03/10/2017	7:01 PM	0	-	03/08/2017	8:01 PM	0	0.01
03/10/2017	6:01 PM	0	(0.01)	03/08/2017	7:01 PM	0	(0.01)
03/10/2017	5:01 PM	0	0.02	03/08/2017	6:01 PM	0	-
03/10/2017	4:01 PM	33.95	33.16	03/08/2017	5:01 PM	0	(0.02)
03/10/2017	3:01 PM	33.95	33.15	03/08/2017	4:01 PM	0	(0.02)
03/10/2017	2:01 PM	33.95	16.61	03/08/2017	3:01 PM	6.65	11.71
03/10/2017	1:01 PM	33.95	33.24	03/08/2017	2:01 PM	0	0.02

03/10/2017	12:01 PM	33.95	33.31	03/08/2017	1:01 PM	0	0.02
03/10/2017	11:01 AM	34.3	34.64	03/08/2017	12:01 PM	0	0.02
03/10/2017	10:01 AM	34.3	33.45	03/08/2017	11:01 AM	0	0.03
03/10/2017	9:01 AM	39.9	951.38	03/08/2017	10:01 AM	0	0.03
03/08/2017	9:01 AM	0	-	03/06/2017	10:01 AM	34.3	33.33
03/08/2017	8:01 AM	0	(0.01)	03/06/2017	9:01 AM	34.3	33.36
03/08/2017	7:01 AM	0	0.02	03/06/2017	8:01 AM	34.3	33.45
03/08/2017	6:01 AM	0	-	03/06/2017	7:01 AM	34.3	33.63
03/08/2017	5:01 AM	0	0.02	03/06/2017	6:01 AM	39.2	301.06
03/08/2017	4:01 AM	0	(0.02)	03/06/2017	5:01 AM	39.9	1,032.54
03/08/2017	3:01 AM	34.3	16.73	03/06/2017	4:01 AM	37.45	848.52
03/08/2017	2:01 AM	33.95	33.21	03/06/2017	3:01 AM	38.15	911.91
03/08/2017	1:01 AM	33.95	33.01	03/06/2017	2:01 AM	40.25	769.56
03/08/2017	12:01 AM	33.95	33.10	03/06/2017	1:01 AM	33.95	33.15
03/07/2017	11:01 PM	33.95	33.19	03/06/2017	12:01 AM	33.95	33.24
03/07/2017	10:01 PM	33.95	33.28	03/05/2017	11:01 PM	34.3	33.27
03/07/2017	9:01 PM	34.3	33.47	03/05/2017	10:01 PM	34.3	33.30
03/07/2017	8:01 PM	33.95	150.35	03/05/2017	9:01 PM	34.3	33.44
03/07/2017	7:01 PM	0	0.02	03/05/2017	8:01 PM	34.3	150.44
03/07/2017	6:01 PM	0	0.03	03/05/2017	7:01 PM	5.6	2.76
03/07/2017	5:01 PM	0	(0.03)	03/05/2017	6:01 PM	0	0.01
03/07/2017	4:01 PM	33.95	33.66	03/05/2017	5:01 PM	0	(0.02)
03/07/2017	3:01 PM	34.3	33.56	03/05/2017	4:01 PM	0	(0.02)
03/07/2017	2:01 PM	34.3	16.82	03/05/2017	3:01 PM	0	0.01
03/07/2017	1:01 PM	34.3	33.61	03/05/2017	2:01 PM	0	(0.01)
03/07/2017	12:01 PM	34.3	33.63	03/05/2017	1:01 PM	0	-
03/07/2017	11:01 AM	34.3	33.76	03/05/2017	12:01 PM	0	(0.03)
03/07/2017	10:01 AM	34.65	33.82	03/05/2017	11:01 AM	0	0.02
03/07/2017	9:01 AM	40.6	957.48	03/05/2017	10:01 AM	0	-
03/07/2017	8:01 AM	37.8	888.72	03/05/2017	9:01 AM	0	(0.03)
03/07/2017	7:01 AM	38.15	882.26	03/05/2017	8:01 AM	0	0.01
03/07/2017	6:01 AM	38.15	782.00	03/05/2017	7:01 AM	0	(0.01)
03/07/2017	5:01 AM	39.55	410.98	03/05/2017	6:01 AM	0	0.02
03/07/2017	4:01 AM	33.6	16.57	03/05/2017	5:01 AM	0	0.02
03/07/2017	3:01 AM	33.95	33.19	03/05/2017	4:01 AM	0	0.02
03/07/2017	2:01 AM	33.95	33.26	03/05/2017	3:01 AM	0	(0.02)
03/07/2017	1:01 AM	33.95	33.29	03/05/2017	2:01 AM	0	0.02
03/07/2017	12:01 AM	33.95	33.33	03/05/2017	1:01 AM	0	-
03/06/2017	11:01 PM	34.3	33.38	03/05/2017	12:01 AM	0	0.01
03/06/2017	10:01 PM	39.9	927.55	03/04/2017	11:01 PM	0	0.02
03/06/2017	9:01 PM	37.45	879.47	03/04/2017	10:01 PM	0	0.01
03/06/2017	8:01 PM	38.5	877.36	03/04/2017	9:01 PM	0	0.02
03/06/2017	7:01 PM	38.5	801.14	03/04/2017	8:01 PM	0	(0.01)
03/06/2017	6:01 PM	40.6	403.58	03/04/2017	7:01 PM	0	-
03/06/2017	5:01 PM	0	0.02	03/04/2017	6:01 PM	0	0.01
03/06/2017	4:01 PM	0	-	03/04/2017	5:01 PM	0	0.02

03/06/2017	3:01 PM	0	0.02	03/04/2017	4:01 PM	0	0.01
03/06/2017	2:01 PM	0	0.03	03/04/2017	3:01 PM	0	0.02
03/06/2017	1:01 PM	33.95	16.68	03/04/2017	2:01 PM	0	(0.01)
03/06/2017	12:01 PM	33.95	27.27	03/04/2017	1:01 PM	0	0.02
03/06/2017	11:01 AM	33.95	22.59	03/04/2017	12:01 PM	0	0.02
03/04/2017	11:01 AM	0	-	03/02/2017	12:01 PM	34.3	24.13
03/04/2017	10:01 AM	0	0.01	03/02/2017	11:01 AM	34.3	26.09
03/04/2017	9:01 AM	0	-	03/02/2017	10:01 AM	33.95	33.12
03/04/2017	8:01 AM	0	-	03/02/2017	9:01 AM	33.95	33.03
03/04/2017	7:01 AM	0	0.01	03/02/2017	8:01 AM	33.95	33.19
03/04/2017	6:01 AM	0	0.01	03/02/2017	7:01 AM	33.95	33.36
03/04/2017	5:01 AM	0	0.02	03/02/2017	6:01 AM	39.2	297.60
03/04/2017	4:01 AM	0	0.03	03/02/2017	5:01 AM	39.9	1,039.40
03/04/2017	3:01 AM	34.65	16.87	03/02/2017	4:01 AM	38.15	867.13
03/04/2017	2:01 AM	34.3	33.59	03/02/2017	3:01 AM	38.85	931.86
03/04/2017	1:01 AM	33.95	33.23	03/02/2017	2:01 AM	40.25	782.88
03/04/2017	12:01 AM	33.6	33.01	03/02/2017	1:01 AM	33.95	33.29
03/03/2017	11:01 PM	33.95	33.15	03/02/2017	12:01 AM	33.6	33.07
03/03/2017	10:01 PM	33.95	33.23	03/01/2017	11:01 PM	33.95	33.08
03/03/2017	9:01 PM	33.95	33.37	03/01/2017	10:01 PM	33.95	33.14
03/03/2017	8:01 PM	33.95	150.18	03/01/2017	9:01 PM	34.3	33.36
03/03/2017	7:01 PM	0	0.03	03/01/2017	8:01 PM	34.3	150.33
03/03/2017	6:01 PM	0	0.03	03/01/2017	7:01 PM	0	-
03/03/2017	5:01 PM	0	0.01	03/01/2017	6:01 PM	5.6	2.70
03/03/2017	4:01 PM	34.65	33.74	03/01/2017	5:01 PM	0	0.02
03/03/2017	3:01 PM	34.65	36.81	03/01/2017	4:01 PM	0	0.01
03/03/2017	2:01 PM	34.65	19.01	03/01/2017	3:01 PM	0	0.02
03/03/2017	1:01 PM	34.65	33.76	03/01/2017	2:01 PM	0	0.01
03/03/2017	12:01 PM	34.65	33.83	03/01/2017	1:01 PM	0	-
03/03/2017	11:01 AM	34.3	33.62	03/01/2017	12:01 PM	0	0.03
03/03/2017	10:01 AM	34.3	33.36	03/01/2017	11:01 AM	0	0.01
03/03/2017	9:01 AM	39.2	931.48	03/01/2017	10:01 AM	0	(0.01)
03/03/2017	8:01 AM	37.1	869.81	03/01/2017	9:01 AM	0	(0.02)
03/03/2017	7:01 AM	37.8	873.05	03/01/2017	8:01 AM	0	(0.02)
03/03/2017	6:01 AM	38.15	783.95	03/01/2017	7:01 AM	0	0.02
03/03/2017	5:01 AM	39.9	418.28	03/01/2017	6:01 AM	0	(0.04)
03/03/2017	4:01 AM	34.3	16.85	03/01/2017	5:01 AM	0	0.02
03/03/2017	3:01 AM	34.65	33.84	03/01/2017	4:01 AM	0	0.04
03/03/2017	2:01 AM	34.3	33.68	03/01/2017	3:01 AM	0	0.02
03/03/2017	1:01 AM	34.3	33.40	03/01/2017	2:01 AM	0	-
03/03/2017	12:01 AM	33.95	33.13	03/01/2017	1:01 AM	0	(0.02)
03/02/2017	11:01 PM	33.6	33.06	03/01/2017	12:01 AM	0	(0.02)
03/02/2017	10:01 PM	39.55	917.58	02/28/2017	11:01 PM	0	(0.02)
03/02/2017	9:01 PM	37.1	872.28	02/28/2017	10:01 PM	0	0.03
03/02/2017	8:01 PM	38.5	871.71	02/28/2017	9:01 PM	0	0.02
03/02/2017	7:01 PM	38.15	798.34	02/28/2017	8:01 PM	0	(0.01)

03/02/2017	6:01 PM	39.9	404.33
03/02/2017	5:01 PM	0	-
03/02/2017	4:01 PM	5.95	5.11
03/02/2017	3:01 PM	0	0.04
03/02/2017	2:01 PM	0	-
03/02/2017	1:01 PM	34.65	16.86
02/28/2017	1:01 PM	34.65	37.00
02/28/2017	12:01 PM	34.3	33.49
02/28/2017	11:01 AM	33.95	33.21
02/28/2017	10:01 AM	33.95	33.06
02/28/2017	9:01 AM	39.2	932.38
02/28/2017	8:01 AM	37.1	873.21
02/28/2017	7:01 AM	37.8	874.96
02/28/2017	6:01 AM	38.15	790.22
02/28/2017	5:01 AM	40.25	422.83
02/28/2017	4:01 AM	34.3	16.94
02/28/2017	3:01 AM	34.65	50.58
02/28/2017	2:01 AM	34.3	66.88
02/28/2017	1:01 AM	33.95	66.31
02/28/2017	12:01 AM	33.95	66.24
02/27/2017	11:01 PM	33.95	66.40
02/27/2017	10:01 PM	41.3	929.35
02/27/2017	9:01 PM	37.8	895.09
02/27/2017	8:01 PM	39.2	948.19
02/27/2017	7:01 PM	38.5	799.58
02/27/2017	6:01 PM	40.6	411.64
02/27/2017	5:01 PM	0.35	0.04
02/27/2017	4:01 PM	3.85	1.15
02/27/2017	3:01 PM	4.2	10.45
02/27/2017	2:01 PM	5.25	2.56
02/27/2017	1:01 PM	34.65	16.87
02/27/2017	12:01 PM	34.3	21.72
02/27/2017	11:01 AM	34.3	28.91
02/27/2017	10:01 AM	34.65	33.84
02/27/2017	9:01 AM	34.65	33.66
02/27/2017	8:01 AM	34.3	33.36
02/27/2017	7:01 AM	33.95	33.21
02/27/2017	6:01 AM	38.5	290.44
02/27/2017	5:01 AM	39.55	1,022.03
02/27/2017	4:01 AM	37.1	854.41
02/27/2017	3:01 AM	38.15	918.83
02/27/2017	2:01 AM	40.25	788.04
02/27/2017	1:01 AM	34.3	62.51
02/27/2017	12:01 AM	40.25	1,067.05
02/26/2017	11:01 PM	39.55	949.41
02/26/2017	10:01 PM	37.8	532.69

02/28/2017	7:01 PM	9.45	41.08
02/28/2017	6:01 PM	7.35	12.16
02/28/2017	5:01 PM	0	0.02
02/28/2017	4:01 PM	34.65	35.78
02/28/2017	3:01 PM	34.65	30.10
02/28/2017	2:01 PM	34.65	22.06
02/26/2017	2:01 PM	0	(0.03)
02/26/2017	1:01 PM	0	0.02
02/26/2017	12:01 PM	0	0.01
02/26/2017	11:01 AM	0	0.02
02/26/2017	10:01 AM	0	(0.02)
02/26/2017	9:01 AM	0	-
02/26/2017	8:01 AM	0	0.01
02/26/2017	7:01 AM	0	0.03
02/26/2017	6:01 AM	0	0.02
02/26/2017	5:01 AM	0	0.03
02/26/2017	4:01 AM	0	0.01
02/26/2017	3:01 AM	33.95	16.54
02/26/2017	2:01 AM	33.95	33.10
02/26/2017	1:01 AM	33.95	33.14
02/26/2017	12:01 AM	33.95	33.25
02/25/2017	11:01 PM	33.95	33.28
02/25/2017	10:01 PM	33.95	33.36
02/25/2017	9:01 PM	34.3	33.45
02/25/2017	8:01 PM	34.3	150.28
02/25/2017	7:01 PM	0	0.02
02/25/2017	6:01 PM	0	-
02/25/2017	5:01 PM	0	(0.01)
02/25/2017	4:01 PM	0	0.02
02/25/2017	3:01 PM	0	-
02/25/2017	2:01 PM	0	0.06
02/25/2017	1:01 PM	0	-
02/25/2017	12:01 PM	0	0.03
02/25/2017	11:01 AM	0	-
02/25/2017	10:01 AM	0	(0.02)
02/25/2017	9:01 AM	0	0.01
02/25/2017	8:01 AM	0	(0.01)
02/25/2017	7:01 AM	0	0.01
02/25/2017	6:01 AM	0	0.02
02/25/2017	5:01 AM	0	(0.02)
02/25/2017	4:01 AM	0	0.01
02/25/2017	3:01 AM	0	-
02/25/2017	2:01 AM	0	-
02/25/2017	1:01 AM	0	0.02
02/25/2017	12:01 AM	0	0.01
02/24/2017	11:01 PM	0	0.01

02/26/2017	9:01 PM	39.55	873.96
02/26/2017	8:01 PM	40.6	737.59
02/26/2017	7:01 PM	39.9	210.07
02/26/2017	6:01 PM	0	0.02
02/26/2017	5:01 PM	0	(0.02)
02/26/2017	4:01 PM	0	0.02
02/26/2017	3:01 PM	0	0.02
02/24/2017	3:01 PM	34.65	25.21
02/24/2017	2:01 PM	34.65	25.31
02/24/2017	1:01 PM	34.65	33.60
02/24/2017	12:01 PM	34.3	33.43
02/24/2017	11:01 AM	34.3	33.22
02/24/2017	10:01 AM	33.6	32.89
02/24/2017	9:01 AM	39.2	927.46
02/24/2017	8:01 AM	37.1	871.15
02/24/2017	7:01 AM	37.8	872.32
02/24/2017	6:01 AM	38.15	790.29
02/24/2017	5:01 AM	40.25	424.22
02/24/2017	4:01 AM	34.3	16.81
02/24/2017	3:01 AM	34.3	50.41
02/24/2017	2:01 AM	34.3	66.85
02/24/2017	1:01 AM	33.95	66.30
02/24/2017	12:01 AM	33.95	65.87
02/23/2017	11:01 PM	33.95	65.88
02/23/2017	10:01 PM	41.3	924.84
02/23/2017	9:01 PM	38.15	893.87
02/23/2017	8:01 PM	39.2	946.02
02/23/2017	7:01 PM	37.8	801.44
02/23/2017	6:01 PM	40.25	412.25
02/23/2017	5:01 PM	1.05	1.75
02/23/2017	4:01 PM	5.95	8.49
02/23/2017	3:01 PM	0	0.02
02/23/2017	2:01 PM	0	(0.01)
02/23/2017	1:01 PM	34.3	16.68
02/23/2017	12:01 PM	33.95	18.10
02/23/2017	11:01 AM	33.95	31.68
02/23/2017	10:01 AM	33.95	32.83
02/23/2017	9:01 AM	33.6	32.94
02/23/2017	8:01 AM	33.95	32.98
02/23/2017	7:01 AM	33.95	33.16
02/23/2017	6:01 AM	39.2	291.71
02/23/2017	5:01 AM	40.25	1,037.59
02/23/2017	4:01 AM	38.15	868.47
02/23/2017	3:01 AM	38.85	931.70
02/23/2017	2:01 AM	40.6	790.40
02/23/2017	1:01 AM	0	(0.02)

02/24/2017	10:01 PM	0	0.03
02/24/2017	9:01 PM	0	-
02/24/2017	8:01 PM	0	0.01
02/24/2017	7:01 PM	0	0.03
02/24/2017	6:01 PM	0	-
02/24/2017	5:01 PM	0	0.01
02/24/2017	4:01 PM	34.65	33.68
02/22/2017	4:01 PM	5.95	10.12
02/22/2017	3:01 PM	6.3	6.22
02/22/2017	2:01 PM	0	0.03
02/22/2017	1:01 PM	0	(0.01)
02/22/2017	12:01 PM	0	0.01
02/22/2017	11:01 AM	0	0.02
02/22/2017	10:01 AM	0	0.02
02/22/2017	9:01 AM	0	0.03
02/22/2017	8:01 AM	0	0.03
02/22/2017	7:01 AM	0	-
02/22/2017	6:01 AM	0	(0.02)
02/22/2017	5:01 AM	0	0.02
02/22/2017	4:01 AM	0	0.01
02/22/2017	3:01 AM	34.3	16.73
02/22/2017	2:01 AM	34.3	33.54
02/22/2017	1:01 AM	34.65	33.61
02/22/2017	12:01 AM	34.65	33.64

Average Flow	19.57
Average Consump	166.75
Total Consumption	120,058.10
Max Flow	41.3
Units	Gallons/Hour
Earliest	02/22/2017 0:01
Latest	03/23/2017 23:01

Irrigation System XXXXXXXXXX

Average Usage Da	4,001.94 gals
Average Usage Hc	166.75 gals
Average Usage Mi	2.78 gals
Average Usage Se	0.046 gals

02/23/2017	12:01 AM	0	(0.01)
02/22/2017	11:01 PM	0	(0.02)
02/22/2017	10:01 PM	0	-
02/22/2017	9:01 PM	0	0.04
02/22/2017	8:01 PM	0	0.02
02/22/2017	7:01 PM	0	0.01
02/22/2017	6:01 PM	8.4	66.82
02/22/2017	5:01 PM	7.35	15.14

Water Commission
As Of 19 April 2017

	2016						2017						
	Edwards		Trinity		Total	Quarterly	Edwards		Trinity		Total	Quarterly	
	Gallons	Acre Feet	Gallons	Acre Feet	Acre Feet	Acre Feet	Gallons	Acre Feet	Gallons	Acre Feet	Acre Feet	Acre Feet	
January	15,309,000	46.98	431,000	1.32	48.30		3,046,000	9.35	13,005,000	39.91	49.26		Actual 4/1-4/19
February	512,000	1.57	19,825,000	60.84	62.41		1,132,000	3.47	14,384,000	44.14	47.62		
March	3,234,000	9.92	16,359,000	50.20	60.13	170.84	2,014,000	6.18	17,236,000	52.90	59.08	155.95	
April	494,000	1.52	18,620,000	57.14	58.66		1,332,000	4.09	11,551,000	35.45	39.54		
May	4,348,000	13.34	14,693,000	45.09	58.43		-	0.00	-	0.00	0.00		
June	29,247,000	89.76	1,608,000	4.93	94.69	211.78	-	0.00	-	0.00	0.00	39.54	
July	38,544,000	118.29	12,725,000	39.05	157.34		-	0.00	-	0.00	0.00		
August	24,439,000	75.00	7,880,000	24.18	99.18		-	0.00	-	0.00	0.00		
September	23,578,000	72.36	1,715,000	5.26	77.62	334.14	-	0.00	-	0.00	0.00	0.00	
October	27,951,000	85.78	0	0.00	85.78		-	0.00	-	0.00	0.00		
November	17,929,000	55.02	895,000	2.75	57.77		-	0.00	-	0.00	0.00		
December	14,578,000	44.74	888,000	2.73	47.46	191.01	-	0.00	-	0.00	0.00	0.00	
TOTAL	200,163,000	614.28	95,639,000	293.51	907.78		7,524,000	23.09	56,176,000	172.40	195.49		
	EAA Stage 0, - 0%, Available 882.77 Ac/Ft, Unused 268.49 Ac/Ft						EAA Stage 0, - 0%, Available 682.77 Ac/Ft, Unused 659.68 Ac/Ft						682.77

Current Edwards Permits

Allocated Pumpage		CO00139	P100-767	511.951 Acre Feet
Purchase		BE 00109I	P100-327	2.000 Acre Feet
Purchase		ME 00417D	P101-185	1.301 Acre Feet
Purchase		ME 00479I	P101-315	3.895 Acre Feet
Purchase		UV 00437I	P101-699	2.000 Acre Feet
Purchase		UV 00461I	P101-752	4.000 Acre Feet
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	M. Friesenhahn		P100-745	65.000 Acre Feet
Lease	Lloyd Loehman		P107-429	3.000 Acre Feet
Lease	BVFD	1/1/2015 - 12/31/2015		-0.300 Acre Feet

Total Available Edwards Water

682.77 Ac/Ft

222,481,287.2 Gals

Connections: 1,575 Avg. usage per connection: 8,179.682 gals

Avg. Daily Usage: 04/01 - 04/19: 678,052.63 gals

Avg. connections 2016: 1571 Avg. usage per connection for 2016: 188,300.4 gals

Monthly Well Progress Report

Trinity Well Status: Static Level: Apr 1st: 208.8' Apr 19th: 207.9' Diff. of: 0.9'

GPM: 875 Pumping Level: Apr 1st: 172.8' Apr 19th: 171.9' Diff. of: 0.9'

Edwards Wells Status: Static Level: Apr 1st: 139.5' Apr 19th: 140.4' Diff. of: 0.9'

Total Edwards Allocation 682.77 Acre Feet