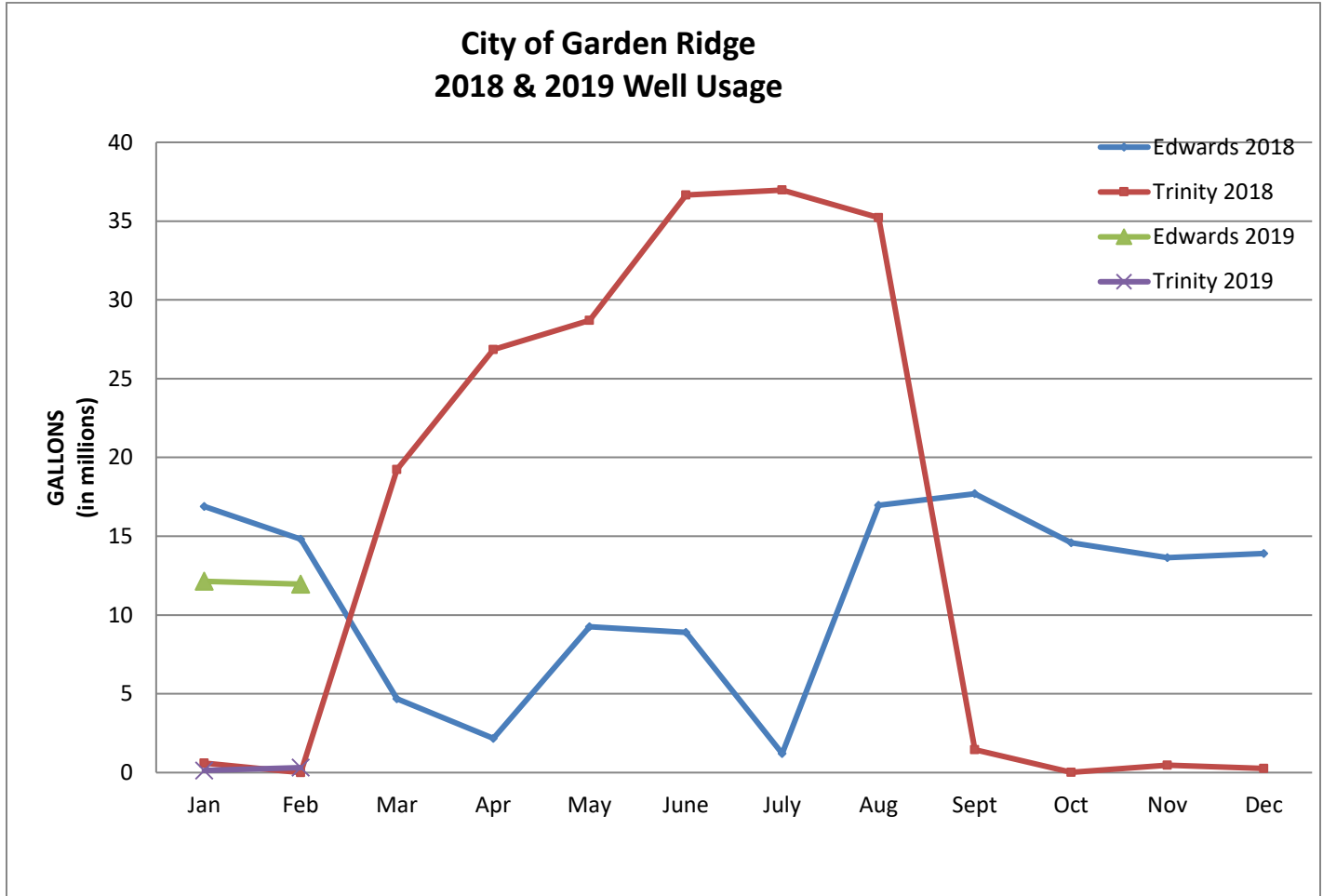




## Water Department Report

As of February 28, 2019

### 2018 & 2019 City of Garden Ridge Well Usage



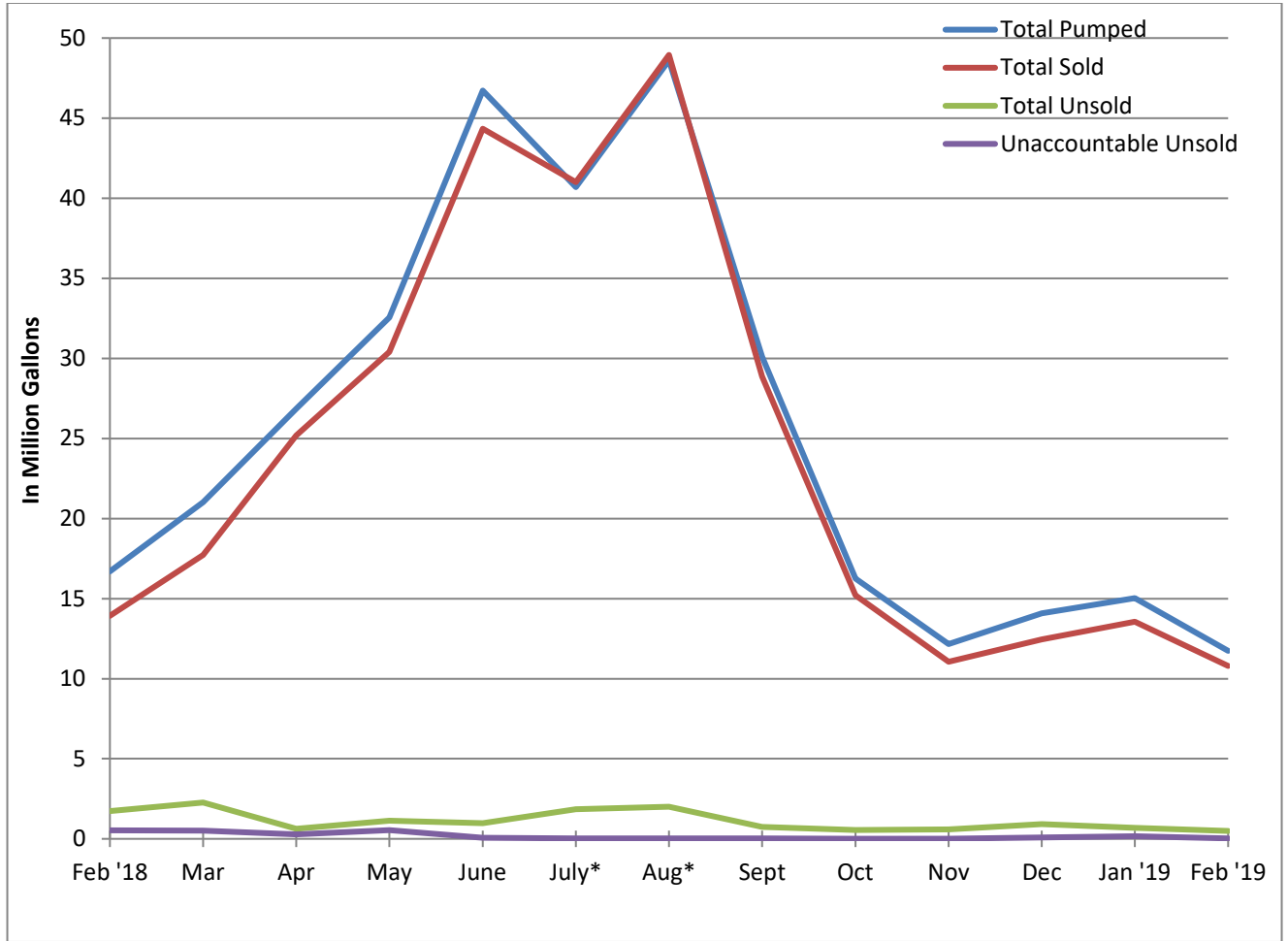
As of February 28, 2019:

Edwards Wells – 11,960,000 (36.70 acre feet) have been used.

Trinity Well – 313,000 (0.96 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 73.957 acre feet, leaving 638.329 acre feet available to pump after EAA reductions. Currently the City of Garden Ridge is not in an EAA Drought Stage.**

## 2018 – 2019 Water Usage Report



	<b>Total Pumped (Thousands)</b>	<b>Total Sold (Thousands)</b>	<b>Total Unsold (Thousands)</b>	<b>Unaccountable Unsold (Thousands)</b>	<b>Unaccountable Unsold %</b>
<b>Feb '18</b>	16,695	13,932	1,738	527.4	3.2%
<b>Mar</b>	21,011	17,718	2,268	503.8	2.4%
<b>Apr</b>	26,855	25,195	635	282.7	1.1%
<b>May</b>	32,555	30,405	1,125	544.0	1.7%
<b>June</b>	46,719	44,332	987	72.0	0.2%
<b>July*</b>	40,697	41,002	1,842	25.7	0.1%
<b>Aug*</b>	48,604	48,945	2,009	25.7	0.1%
<b>Sept</b>	30,118	28,871	747	31.9	0.1%
<b>Oct</b>	16,256	15,198	558	5.9	0.0%
<b>Nov</b>	12,153	11,057	583	8.8	0.1%
<b>Dec</b>	14,073	12,447	926	92.2	0.7%
<b>Jan '19</b>	15,035	13,556	679	157.4	1.0%
<b>Feb '19</b>	11,738	10,795	493	25.2	0.2%

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

## 2019 Edwards Permits

Type of Permit	TCEQ Permit #	EAA Permit #	Acre Feet
Allocated	CO 00139	P100-767	541.471
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
Transfer	Keith Zars Pools	P108-775	1.000
Transfer	BVFD	CO 00139	-0.300
<b>Total</b>			<b>712.287</b>

### Monthly Averages as of February 28, 2019

Average usage per connection	7,524.83 gallons
Average usage per day	426,285.7 gallons

	Year to date for 2019	2018
Water Connections	1,637	1,631

### Service Pumps and Well Motors Maintenance Schedules

Location of High Speed Service Pumps shp: Shaft Horse Power	Maintenance preformed based on 2,000 hours or semi-annually.	Well motors maintenance based on 3,000 Hours or annually, Submersible based on run to fail.	Last time well motor was serviced or well motor pulled
F.M. 2252 Pump #1 125 shp	January 2019	Well #2 Turbine Motor	June 2016
F.M. 2252 Pump #2 125 shp	January 2019	Well #5 Turbine Motor	May 2017
Timber Rose Pump #1 50 shp	January 2019	Well #1 Submersible	May 2005
Timber Rose Pump #2 50 shp	January 2019	Well #3 Submersible	May 2005
Elevated Pump #1 125 shp	January 2019	Trinity Well #8 Submersible	June 2016
Elevated Pump #2 125 shp	January 2019	N/A	N/A
F.M. 3009 Pump #1 125 shp	January 2019	Well #9 Submersible	April 2017
F.M. 3009 Pump #2 125 shp	January 2019	Well #10 Submersible	April 2017

## Water Department Monthly Activities:

New Meter Installs	2	Work Orders	74
Meter Replacements	2	Locates	25
City Owned Leaks	0	Irrigations Permits Issued	3
Meters Read February 2019	1,639	Water Rebates	3 (\$515)

### Projects:

- Implementing Field Force Management for more efficient everyday operations.
- Working with Parks and Public Works for estimate in upcoming parks project.
- Working with Water Commission to improve information within Monthly Water Report.
- Updated Water Loss Report to show more accurate and properly formatted information.
- Working on improving maintenance program, proper maintenance logs and accountability properly documented.
- In contact with Micro-Comm, received quote on upcoming maintenance of Scada and training.

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 <sup>th</sup> of following month	January 2, 2019
EAA Drought Condition Monthly Report	By 10 <sup>th</sup> of following month	November 5, 2018
Monthly Bacteriological Samples	Monthly 1 <sup>st</sup> – 7 <sup>th</sup>	January 9, 2019
Water Commission Report	2 weeks prior to meeting	February 1, 2019
City Council Meeting Report	2 weeks prior to meeting	February 1, 2019
DLQOR 1 <sup>st</sup> Quarter	April 10 <sup>th</sup> of current year	April 3, 2018
DLQOR 2 <sup>nd</sup> Quarter	July 10 <sup>th</sup> of current year	July 2, 2018
DLQOR 3 <sup>rd</sup> Quarter	October 10 <sup>th</sup> of current year	October 2, 2018
DLQOR 4 <sup>th</sup> Quarter	January 10 <sup>th</sup> of following year	January 3, 2019
CCTGWCD 1 <sup>st</sup> Quarter	April 10 <sup>th</sup> of current year	April 3, 2018
CCTGWCD 2 <sup>nd</sup> Quarter	July 10 <sup>th</sup> of current year	July 2, 2018
CCTGWCD 3 <sup>rd</sup> Quarter	October 10 <sup>th</sup> of current year	October 2, 2018
CCTGWCD 4 <sup>th</sup> Quarter	January 10 <sup>th</sup> of following year	January 3, 2019
EAA Annual Meter Report	January 31 <sup>st</sup> of current year	January 4, 2019
TWBD Annual Water Survey	March 1 <sup>st</sup> of current year	January 31, 2018
EAA Groundwater Conservation Plan	March 31 <sup>st</sup> , 2018 Due every 3 years	March 28, 2018
TWDB Annual Water Loss Audit	May 1 <sup>st</sup> of current year	April 24, 2018
Annual Consumer Confidence Report	July 1 <sup>st</sup> 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: