



City of Garden Ridge

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

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

The City Water Commission will meet in a regular meeting at 6:00 p.m., Tuesday, September 25, 2018, in the City Council Chambers, 9400 Municipal Parkway, Garden Ridge, Texas. This is an open meeting, open to the public, subject to the Open Meetings Law of the State of Texas, and as required by law, notice is hereby posted on September 21, 2018 before 5:00 p.m., providing time, place, date and agenda thereof. The meeting facility is wheelchair accessible and accessible parking spaces are provided. Requests for accommodations or interpretive services must be made 48 hours prior to this meeting.

1. **Call to Order**
2. **Roll Call**
3. **Pledge of Allegiance**
4. **Citizen Comment Period – limited to 30 minutes total**
Rules for Citizens' Participation:

The City Water Commission welcomes citizen participation and comments at all Commission Meetings. The Commission offers citizens the opportunity to address them by signing up to speak prior to the meeting. If you speak, you follow these guidelines:

- a) Respect and courtesy:
 - i. Direct your comments to the entire Commission, not to an individual member, nor to the audience.
 - ii. Show the Commission the same respect that you would like to be shown.
 - iii. End your speaking at the time allotted below.
- b) Speaking:
 - i. First citizen comment period
 1. You are required to sign up to speak.
 2. You are limited to one 3 minute period.
 - ii. Business item period
 1. You are required to sign up to speak.
 2. You are limited to one 3 minute period.
 - iii. Second citizen comment period
 1. You are not required to sign up.
 2. You are limited to one 2 minute period.
 - iv. State your name and address before your comments begin.
 - v. You are only allowed to speak once per topic, unless also speaking during a posted Public Hearing.

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

5. Business Items

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

- a) Approvals
 - i. Minutes for July 24, 2018, Water Commission Regular Meeting.
- b) Recommendations
 - i. Expiring terms (September 30, 2018) of Commissioners (Commissioners Bullard and Pitzen).
 - 1. Recommendation to City Council for consideration of reappointment.
- c) Updates/ Reviews
 - i. Update on Water Rate Study.
- d) Discussions/Reports
 - i. Water Manager Monthly Activity Report
Water pumping/usage from City wells, Water system infrastructure maintenance, repairs and/or projects, and Water and/or Drought Management (current Watering Stage).
 - ii. Education/Training Sessions.
 - 1. Edwards Aquifer Authority Presentation by Roland Ruiz, General Manager.
 - 2. Discuss and provide directions on future education or training sessions.
 - iii. Items discussed at the August 1, 2018, and September 5, 2018, City Council Regular Meetings.
 - iv. Discussion on Water Commission future activities and projects (Mayor Thompson).
 - v. Resident inquiry regarding Water Commission's leak adjustment policy.
 - vi. Discussion of Future Agenda Items
 - 1. Announce date, time and location for next meeting (October 23, 2018, at 6 p.m. in City Hall – City Council Chambers).

6. Citizen's Participation: - 20 minute limit total. **See "Rules for Citizen's Participation" under Item 4.**

7. Adjournment

AGENDA NOTICES:

Decorum Required:

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

Action by Council Authorized:

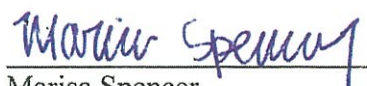
The Commission may vote or act upon any item within this Agenda. The Commission reserves the right to adjourn into closed session at any time during the course of this meeting to discuss any of the matters listed above, as authorized by Title 5, Chapter 551, of the Texas Government Code.

Executive Sessions Authorized:

This agenda has been reviewed and approved by the City's legal counsel and the presence of any subject in any Executive Session portion of the agenda constitutes a written interpretation of Texas Government Code Chapter 551 by legal counsel for the governmental body and constitutes an opinion by the attorney that the items discussed therein may be legally discussed in the closed portion of the meeting considering available opinions of a court of record and opinions of the Texas Attorney General known to the attorney. This provision has been added to this agenda with the intent to meet all elements necessary to satisfy Texas Government Code Chapter 551.144(c) and the meeting is conducted by all participants in reliance on this opinion.

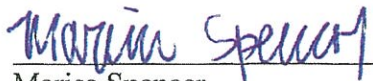
Attendance By Other Elected or Appointed Officials:

It is anticipated that members of the City Council, other city board, commissions and/or committees may attend the meeting in numbers that may constitute a quorum of the other city boards, commissions and/or committees. Notice is hereby given that the meeting, to the extent required by law, is also noticed as a meeting of the City Council, other boards, commissions and/or committees of the City, whose members may be in attendance. The members of the boards, commissions and/or committees may participate in discussions on the same items listed on the agenda, which occur at the meeting, but no action will be taken by such in attendance unless such item and action is specifically provided for on an agenda for that board, commission or committee subject to the Texas Open Meetings Act.



Marisa Spencer
Assistant City Secretary

This is to certify that I, Marisa Spencer, posted this Agenda at 2:30 p.m. September 19, 2018, on the bulletin board located at the entrance to the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas.



Marisa Spencer
Assistant City Secretary

ADDENDUM

AGENDA

CITY WATER COMMISSION REGULAR MEETING SEPTEMBER 25, 2018 AT 6:00 P.M. Garden Ridge City Council Chambers

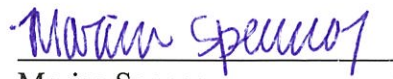
ADDITION

5. Business Items

b) Recommendations

- ii. City Water Commission Place 3 vacancy (term expiring September 30, 2020).
 - 1. Interview possible candidate/candidates.
 - 2. Make a recommendation to the City Council for appointment of Commissioner.

This is to certify that I, Marisa Spencer, posted this Addendum to the Agenda at 1:00 p.m. on September 21, 2018, on the bulletin board located at the entrance to the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas.



Marisa Spencer
Assistant City Secretary



MINUTES
CITY WATER COMMISSION REGULAR MEETING
TUESDAY, JULY 24, 2018, 6:00 P.M.

Commissioners Present:

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

Commissioners Absent:

Chair David Heier (Voluntary and Announced Absence)
Vacant position

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, Vice-Chair Holloway called the regular meeting of the Garden Ridge City Water Commission to order at 6:00 p.m. on Tuesday, July 24, 2018, in the City Council Chambers of the Garden Ridge City Hall, 9400 Municipal Parkway, Garden Ridge, Texas 78266.

2. Citizen's Participation – limited to 30 minutes

No one signed up to speak.

3. Business Items

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

a) Approvals

i. Approval of Minutes for May 22, 2018, Water Commission Regular Meeting.

Motion: A motion was made by Commissioner Pitzen, seconded by Commissioner Harshbarger, to approve the minutes of May 22, 2018, Water Commission Regular Meeting. The Water Commission voted three (3) for and none (0) opposed. The motion passed unanimously.

b) Recommendations

i. Request for water bill adjustment for 21908 Senna Hills for billing periods of May 23, 2018 – June 23, 2018.

a. Review and make a recommendation to City Council regarding the bill.

Sang Eon Ha, 21908 Senna Hills, stated while on vacation his outside faucet was turned on. He stated he is not sure who turned it on or why it was turned on, but it resulted in a \$1,769.03 bill. He also contacted his neighbors and yardman, who did not use his water during the time they were on vacation. He asked the Commission to adjust his water bill for the period of May 23, 2018-June 23, 2018 by reducing the amount owed.

The Water Commission discussed the water bill and usage. They also discussed the possibility that the yardman or a construction worker left it on. The Commission discussed Ordinance 54 and leak adjustment requirements. They suggested Mr. Ha take his request to the City Council and talk to the City regarding a payment plan.

c) Updates/ Reviews

i. Update on Water Rate Study.

Mayor Thompson stated the Water Department is being fully loaded with their expenses, so now the City can move forward with a Water Rate Study. He also stated he and another Councilmember have been doing some analysis to reduce the cost of the study. He also stated he is hoping next month to be going out for bids for the Water Rate Study. Mayor Thompson added the Ordinance had to be amended to remove leak adjustments until the Water Study could be conducted, then the Ordinance can be revisited after that.

The Commission discussed the Water Rate Study and the need to know the true cost of the water. They also discussed providing education to residents regarding things they can do to eliminate water issues occurring while they are on vacation and education on Ordinance 54 relating to leak adjustments.

d) Discussions/Reports

i. Water Manager Monthly Activity Report

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

Royce Goddard, Water Manager, reviewed the monthly water pumping/usage from the city wells and discussed the water system operations (see attached report). He reported 27.30 acre feet were pumped from the Edwards Aquifer and 112.50 acre feet were pumped from the Trinity in June. He also reviewed the Static Levels and reported the following:

- City is currently not under any watering restrictions.
- FM 3009 Well Site 9 & 10 are online and running.

ii. Education/Training Sessions.

a. Discuss and provide directions of possible education or training sessions.

Vice-Chair Holloway stated there are currently not any education or training session suggestions, but to leave this item on future agendas.

iii. Items discussed at the July 5, 2018 City Council Regular Meetings.

Nancy Cain, City Administrator, stated at the July 5, 2018 City Council Regular Meeting the City Council did not consider any Water Commission recommendations. She stated in June the City Council approved the Water Commission's recommendation regarding the Johnson's water bill.

iv. Discussion of Future Agenda Items

a. Announce date, time and location for next meeting (August 28, 2018 at 6 p.m. in City Hall – City Council Chambers).

Vice-Chair Holloway announced the next Water Commission Regular Meeting will be August 28, 2018, at 6 p.m. in City Council Chambers.

4. Citizen Participation – 2 minute limit per citizen

No one wished to speak.

5. Adjournment

Motion to adjourn was made by Commissioner Harshbarger and seconded by Commissioner Bullard. The motion passed unanimously and the meeting was adjourned at 6:49 p.m. by Vice-Chair Holloway.

Richard Holloway
Vice Chair

ATTEST:

Marisa Spencer
Assistant City Secretary

Water Commission

Name	Place	Appt/ Expires	Appt/ Expires	Appt/ Expires	Appt/ Expires	Appt/ Expires	Appt/ Expires	Appt/ Expires	Appt/ Expires
Andre Bullard	1	May 15 Sep 16	Sep 16 Sep 18						
David Heier	2	Oct 03 Sep 05	Sep 05 Sep 07	Sep 07 Sep 09	Sep 09 Sep 11	Sep 11 Sep 13	Sep 13 Sep 15	Sep 15 Sep 17	Sep 17 Sep 19
vacant	3	Sep 18							
Raymond Pitzen	4	Aug 12 Sep 12 (P)	Sep 12 Sep 14	Sep 14 Sep 16	Sep 16 Sep 18				
Richard Holloway	5	Apr 08 Sep 09	Sep 09 Sep 11	Sep 11 Sep 13	Sep 13 Sep 15	Sep 15 Sep 17	Sep 17 Sep 19		
Keven Harshbarger	6	Oct 15 Sep 17	Sep 17 Sep 19						

(P)= Partial term of less than ½ the term remaining

Assistant City Secretary

From: noreply@civicplus.com
Sent: Friday, September 21, 2018 1:12 PM
To: City Secretary; City Administrator
Subject: Online Form Submittal: City Commission Volunteer Interest Form

City Commission Volunteer Interest Form

City Commission *Volunteer Interest Form*

Date 9/21/2018

First Name Jesus

Last Name Valdez

Address 9035 Cinnabar Ct

City Garden Ridge

State TX

Zip Code 78266

Phone Number

Other contact number

Email Address

Occupation Retired

Please check which of the following Commission you have a desire to serve on:

Water Commission

Tell us why you desire to serve on a City Commission.

I believe that with my engineering background with experience as a Maintenance and Reliability Consultant, I can provide oversight with the Water Department infrastructure through the City Water Commission.

List any Boards, Commissions or Committees you have previously served on in

Knights of Columbus Council 6856 - OLPH, Selma (2017 – present) Garden Ridge Citizens Police Academy Alumni Association (2015 – present) Georg Ranch HOA – Chairman Architectural Review Committee (2014 – 2017) Victoria Chamber of Commerce – Board of Directors (2006 – 2008)

Garden Ridge or other entities.

Victoria Chamber of Commerce – Minority Business Council (2004 – 2008) School of Business Advisory Council – University of Houston – Victoria (2004 – 2008) Making the Grade World Scholars – Steering Committee Member (1993 to 1999)

Please attach your resume or a bio.

[Valdez Jesus Resume City of Garden Ridge Water Commission.pdf](#)

A resume or a bio is required to be submitted with Volunteer Interest Form.

Email not displaying correctly? [View it in your browser.](#)

JESUS VALDEZ, JR., P.E.

9035 Cinnabar Ct.
Garden Ridge, TX 78266

PROFESSIONAL EXPERIENCE

MARSHALL INSTITUTE, INC

Senior Consultant, North America

2017 to 2018

Maintenance and Reliability Consultant in the Manufacturing Industry implementing world class strategic asset maintenance management practices, based on the established concepts of Total Production Maintenance (TPM).

COMPETITIVE CAPABILITIES INTERNATIONAL, INC

Senior Consultant, North America

2015 to 2017

Consultant at blue chip companies to drive sustainable bottom line results by building world-class capability and best practices across the entire value chain.

- Coached and mentored client site leaders; manage client project implementations; build capability to client resources.
- Facilitated TRACC® workshops on leading & managing change, teamwork, 5S, visual management, focused improvement, asset care, autonomous maintenance, set-up time reduction, and quality.

E. I. DUPONT DE NEMOURS AND COMPANY

1976 to 2014

Program Manager - DuPont Production System (DPS) Mentor, North America

2012 to 2014

Collaborate with business, regional, marketing and leaders to ensure that manufacturing sites are achieving desired business objectives through utilization of DPS, building continuous improvement capabilities.

- Co-developed broad change plans; incorporated systems thinking to interconnect industry best practices and change management with organizational goals.
- Coached and mentored business and sites leaders including providing constructive feedback
- Facilitate the development of a continuous improvement vision and building in-house capabilities.
- Implemented decision board processes for setting priorities, assigning resources, analyzing match to business objectives, and monitoring progress against set targets.

Program Manager – DPS Deployment Champion, North America

2008 to 2012

Led cross-functional teams to deploy the DuPont Production System at 11 manufacturing sites across U.S., Puerto Rico and Brazil.

- Identified over \$110M in opportunities by facilitating deployment teams, analyzing uptime, operating plan, quality, yield, productivity, reliability, materials, contractor, energy, supply chain and inventory data.
- Led comprehensive diagnostics to identify critical organizational issues and facilitate the leadership team through the development of a commitment to change.
- Drove change, released value, and made improvements by utilizing new systems, leveraging best practices, influencing site leadership and shop floor employees.
- Implemented integrated change management strategies and achieved opportunities by collaborating with colleagues, developing project charters with implementation plans and resource loading for each site to help clients work smarter; eliminate waste; and optimize time, resources, assets, and productivity.
- Trained leadership teams on Feedback & Coaching; Performance Management; Leader Standard Work; Making the Vision Real & Inspirational Leadership; Difficult Conversations; and Prioritization, Delegation and Delegation.

E. I. DUPONT DE NEMOURS AND COMPANY, (Continued)**Program Consultant – DPS Site Leader, Victoria, TX****2007 to 2008**

Site Implementation Leader for DPS, providing overall guidance and leadership, ensuring progress and sustainability to the deployment team.

- Identified over \$4M in improvement opportunities by leading team through diagnostic phase, analyzing uptime, yield, operation plans, quality, productivity, reliability, materials, contractor, energy, supply chain and inventory data.
- Improved project completion by developing implementation plan with internal and external resource, collaborating with teams, compiling opportunity list, assigning completion complexity score, plotting metrics, determining site resources, identifying if assistance needed at corporate level.

Site Engineering Manager, Victoria, TX**2004 to 2007**

Led technical engineering function and process quality laboratory. Managed \$2.1M technical fixed cost budget and \$10M capital improvement budget.

- Improved safety, environmental, costs, uptime and quality, meeting business strategy by collaborating with business and site leadership, developing business critical operating tasks (COTs) annually.
- Delivered \$2M savings year-over-year by establishing decision board process, resourcing Six Sigma programs, selecting new black belt and green belt candidates assigning projects.
- Lead site annually review of a 5-year succession planning process to identify needs to address potential retirement, promotions and transfers.
- Enhanced productivity and workflow by facilitating and developing Process Safety Management (PSM) system for stand-alone unit, updating overall site PSM procedures with 14 elements for application unit.

Technical Associate, Victoria, TX**2002 to 2004**

Mechanical technology steward for high pressure, low-density polyethylene facility

- Increased unit capacity by leading several teams, developing, and implementing technical programs, expanding and improving manufacturing facilities in support of business strategy.
- Coached and mentored young engineering and operations supervisors.

Six Sigma Black Belt, Victoria, TX**1999 to 2002**

Identified and led Six Sigma and continuous improvement projects addressing increasing time between turnarounds, improving hyper compressor cylinder and valve life, reducing telogen purge, extending purge compressor PM's, improving cooling tower efficiency, and addressing waste water upset.

Joint Venture/Licensee Consultant, Victoria, TX**1997 to 1999**

Coordinated liaison activities for joint venture between Mitsui-DuPont Polychemicals (MDP) in Japan and DuPont's Ethylene Copolymer Units in Texas.

Various Engineering Positions, Victoria, TX**1976 to 1997**

Held various positions in 3 different businesses at the Victoria, TX plant focused on process safety management, mechanical engineering, maintenance reliability, capital project management, improving process productivity and developing others.

UNIVERSITY OF HOUSTON – VICTORIA, Victoria, TX**2006 to 2008****Adjunct Faculty Instructor, School of Business**

Taught undergraduate level Business Statistic course to Business majors

EDUCATION

Master in Business Administration (MBA), University of Houston – Victoria, Victoria, TX 2003

Bachelor of Science (BS), Mechanical Engineering, Texas A&M University, College Station, TX 1976

CERTIFICATIONS

Six Sigma Black Belt
Registered Professional Engineer Texas - Inactive

COMMUNITY SERVICE

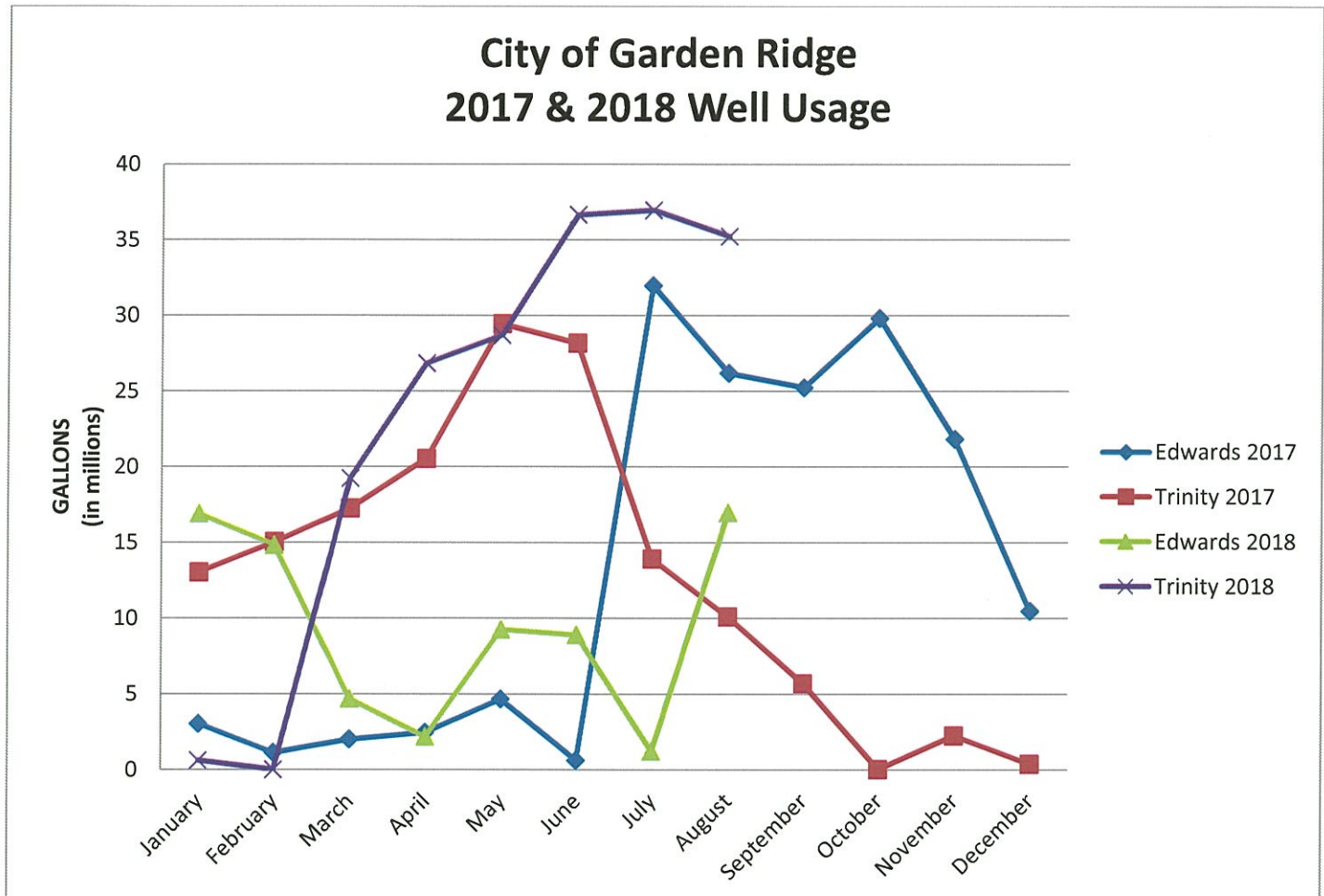
Knights of Columbus Council 6856 - OLPH, Selma (2017 – present)
Garden Ridge Citizens Police Academy Alumni Association (2015 – present)
Georg Ranch HOA – Chairman Architectural Review Committee (2014 – 2017)
Victoria Chamber of Commerce – Board of Directors (2006 – 2008)
Victoria Chamber of Commerce – Minority Business Council (2004 – 2008)
School of Business Advisory Council – University of Houston – Victoria (2004 – 2008)
Making the Grade World Scholars – Steering Committee Member (1993 to 1999)
Boy Scouts of America – District Advancement Chairman, Troop Advancement Chairman, Pack Committee Chairman, Cub Master (1986 – 2004)
Golden Crescent Alliance for Minorities in Engineering – Role Model (1978 to 1992)
YMCA Soccer – Coach (1985 to 1986)
Victoria Little League – League official, League President and Coach (1977-1981 & 1986-1988)



Water Department Report

As of August 31, 2018

2017 & 2018 City of Garden Ridge Well Usage



As of August 31, 2018:

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

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

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

2018 Edwards Permits

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

Monthly Averages as of August 31, 2018

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

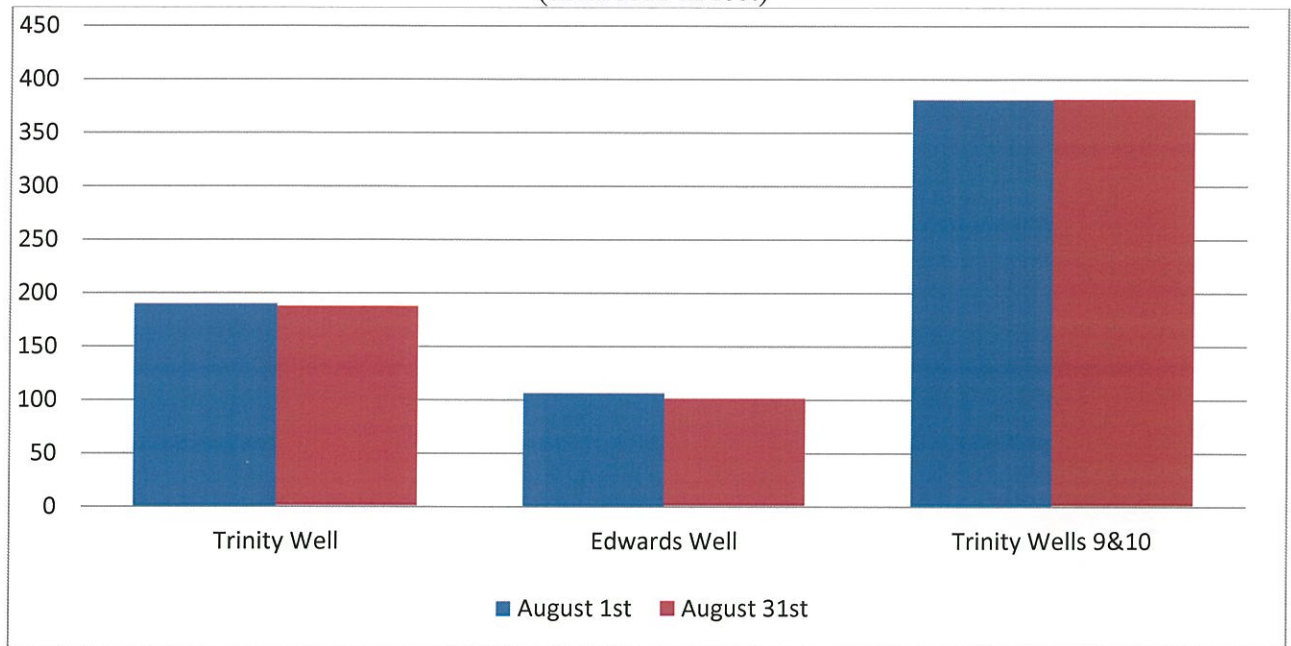
	Year to date for 2018	2017
Water Connections	1,631	1,610

Well Maintenance Schedules

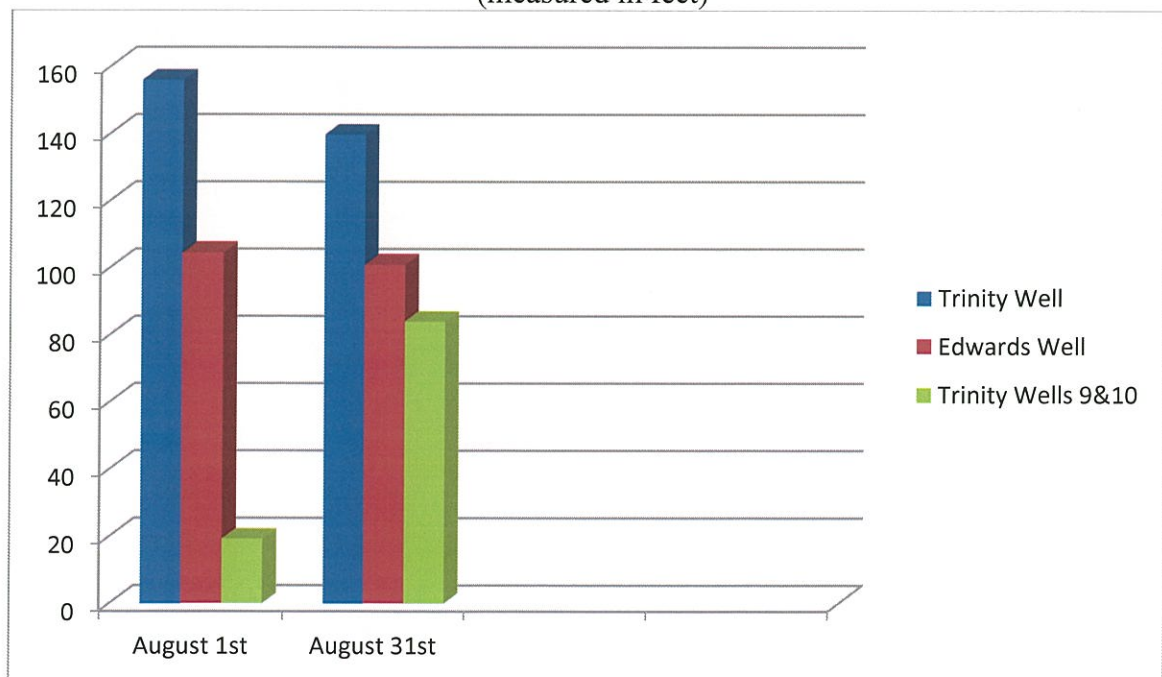
Location of well	Last maintenance preformed	Maintenance based on time or installed	Last test run
F.M. 2252 Edwards Well 5	May 2018	Time	June 2016
F.M. 2252 Edwards Well 7	May 2018	Time	May 2017
Timber Rose Edwards Well 2	May 2005	Time	May 2016
Timber Rose Edwards Well 4	May 2005	Time	May 2016
Elevated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

Monthly Well Progress

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



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



Water Department Monthly Activities:

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

Projects:

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

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

CCTGWCD=Comal County Trinity Groundwater Conservation District

DLQOR=Disinfectant Level Quarterly Operating Report

EAA=Edwards Aquifer Authority

TWBD=Texas Water Development Board

Employee Updates:



EDWARDS AQUIFER
AUTHORITY

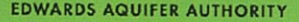


THE EAA'S
MISSION IS TO
MANAGE
ENHANCE
& PROTECT
The Edwards
Aquifer System

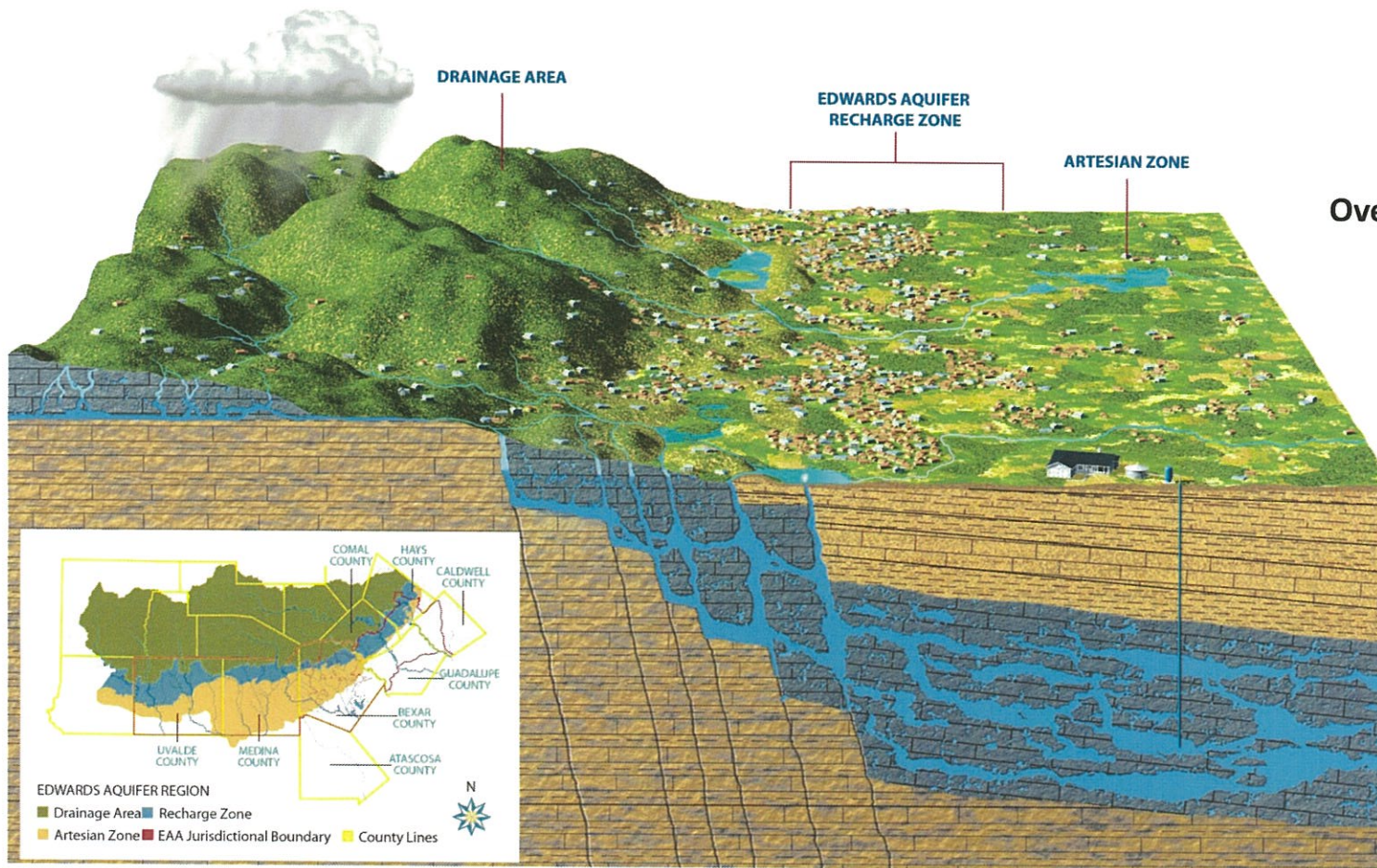
How does it
work?



Manage • Enhance • Protect

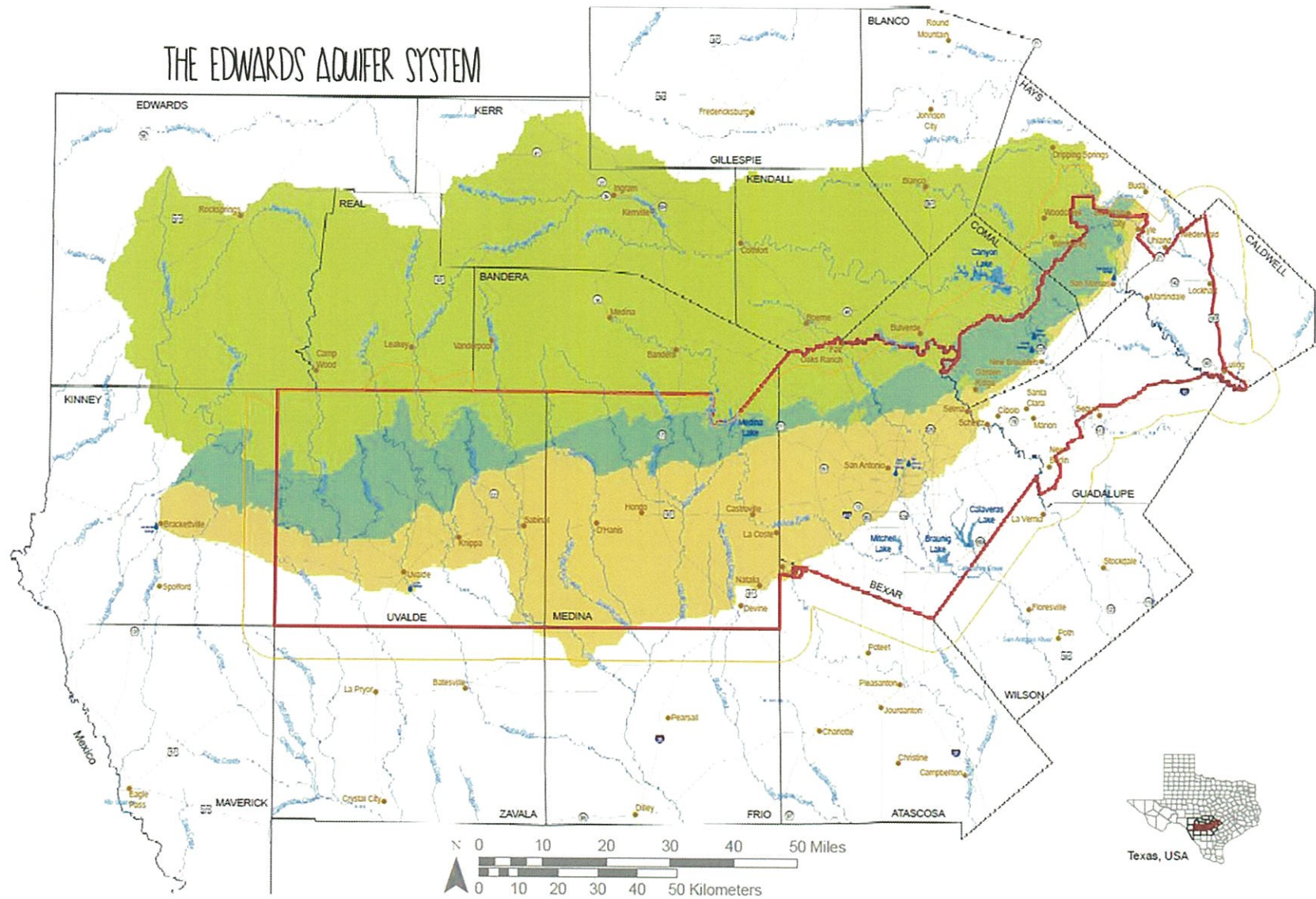


THE EDWARDS AQUIFER SYSTEM



Overview of the aquifer system

THE EDWARDS AQUIFER SYSTEM





Board of Directors
17 TOTAL
15 ELECTED 2 APPOINTED

A woman and a young boy are running through shallow water, splashing. The woman is on the right, wearing a black dress, and the boy is on the left, wearing patterned swim trunks. They are both smiling. In the background, there is a playground with a yellow slide and a blue mushroom-shaped water feature. A woman in a white shirt is standing on the left side of the frame. The scene is set outdoors with trees and a clear blue sky.

We regulate **1,200** PERMITS

for the benefit of:

2 MILLION
USERS

The image shows a close-up of a green football field with white yard lines. A brown football with white stripes is positioned on the right side of the frame. Overlaid on the field is text in a white, chalk-like font. At the top, it says '572,00 ACRE FEET / YEAR'. Below this, a question 'What Is An Acre Foot?' is written in a cursive font. A dashed white line forms a large loop that starts from the question, goes around, and then points to the text 'ABOUT THE SIZE OF A FOOTBALL FIELD' which is written in a blocky, sans-serif font. The football is placed near the end of this dashed line, visually connecting the concept of an acre foot to the size of a football field.

572,00 ACRE FEET / YEAR

What Is An Acre Foot?

ABOUT THE SIZE
OF A FOOTBALL
FIELD

**Groundwater
management**



**Permit transfers
and conversions**

**Drought
management**



**Conservation
programs**

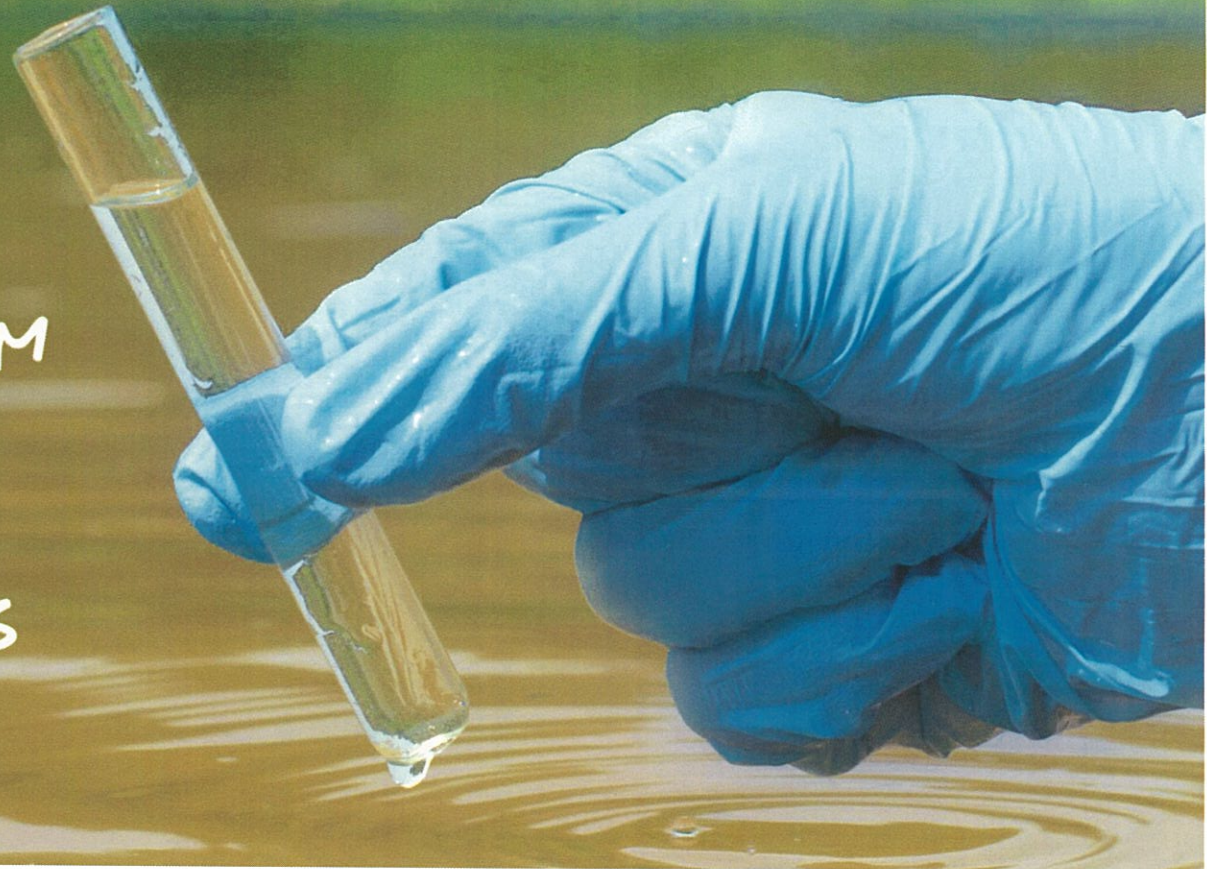


MONITORING

- Groundwater levels
- Springflow
- Rainfall Data
- Recharge Data
- Biological

Science

- DATA COLLECTION
- MODELING PROGRAM
- RESEARCH
- REPORTS & STUDIES



A photograph of several young children playing in a public water fountain. The children are leaning over a stone wall, splashing water. The background shows green trees and a building. The text 'WATER QUALITY' is overlaid on the right side of the image.

WATER QUALITY

- Aquifer protection
- Abandoned Wells
- Storm Basin Inspections
- RZ Regulations



CONSERVATION

Geologic
Assessments

Easements

Maintenance
Monitor

BUILDING SHARED VALUE

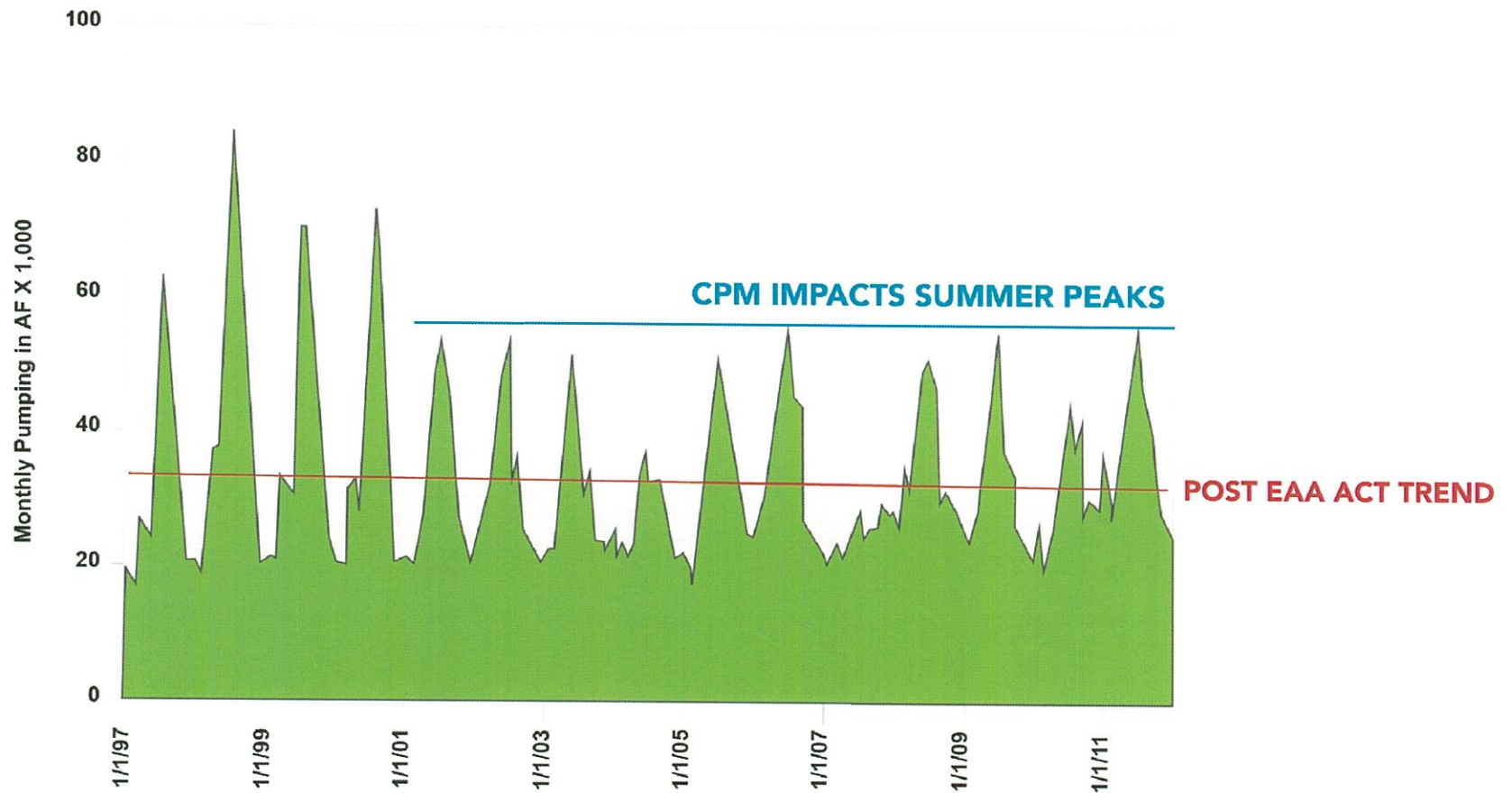


Impacts of the EAA Act:

- Added value to the resource
- Incentivized conservation
- Provided a framework for managing the system
- Ensured local/regional control

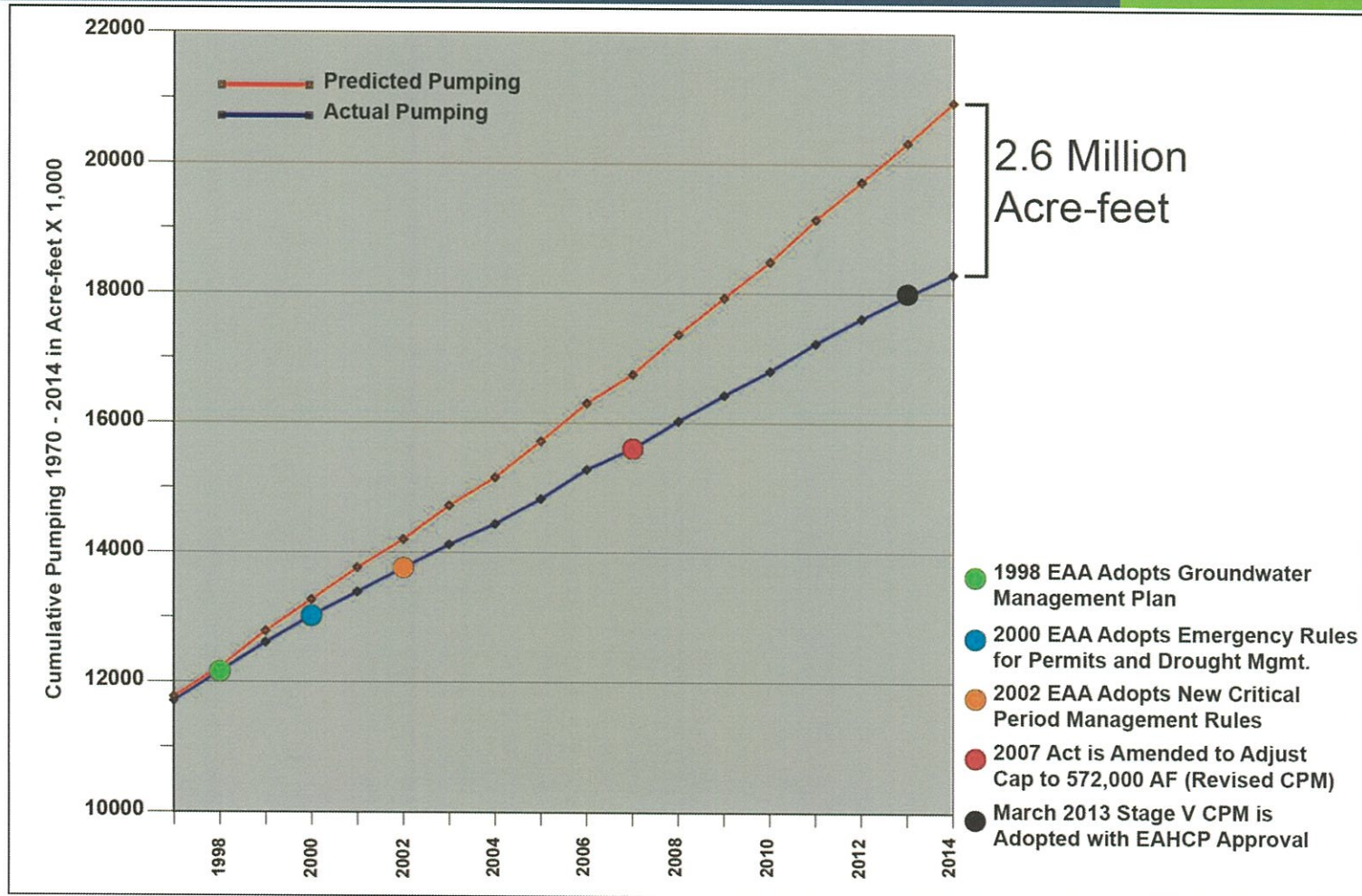
Improved management = regional certainty

MONTHLY PUMPING TRENDS SINCE 1997



COMPARISON OF PUMPING TRENDS

ACTUAL & PREDICTED SINCE 1997



SUCCESSSES ATTRIBUTED TO THE IMPLEMENTATION AND MANAGEMENT OF THE EAA ACT



2.6 million acre-feet saved translates to:

- Aquifer Water Level Benefits
 - Estimated 650,000 AF of water in the Edwards Aquifer itself (approximately equal to average annual pumping and springflow for the period of record);
 - Water level averages at the San Antonio Pool index well J-17 are approximately 17 feet higher than otherwise predicted for the period 1997-2014;
 - Without EAA permit system and critical period management in place, current drought may have resulted in J-17 levels lower than the drought of record.



F O R W A R D



EDWARDS AQUIFER
AUTHORITY

Water Commission Attendance

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

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

Water Commission's Attendance at City Council Regular Meeting

[illegible]

Future Agenda Items

Water Commission

October 23, 2018

Agenda deadlines:

- | | | |
|--------------------------------|------------|---|
| 14 days before Meetings | (10/9/18) | Water Commission and Staff items are due |
| 11 days before Meetings | (10/12/18) | Water Commission Chair review agenda. <ul style="list-style-type: none">• City Attorney is sent the agenda to approval |
| 7 days before Meetings | (10/16/18) | Post Agenda on bulletin board <ul style="list-style-type: none">• Water Commission will receive packet (allowing a day and half for corrections and additional information to be added) |
| 5 days before Meetings | (10/18/18) | Post Agenda Packet to City Website @ noon |
| 4 days before Meetings | (10/19/18) | (72 hours) – Local Government Code requirement for posting |

Sun	Mon	Tues	Wed	Thur	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

City Council = Red

Quarry Commission = Purple

Planning & Zoning = Green

Water Commission = Blue

Impact Fee Committee = Pink

Wildlife Management Advisory Commission = Brown

National Night Out=City Events

Approval

1. Minutes 9-25-18

Recommendation

Discussion/Reports

1. Water Manager Report
2. City Council Update
3. Future Agenda Items
 - a. Set next meeting (if necessary) November 27, 2018 @ 6

Training Session

Executive Session

November 27, 2018

Agenda deadlines:

14 days before Meetings	(11/13/18)	Water Commission and Staff items are due
11 days before Meetings	(11/16/18)	Water Commission Chair review agenda. City Attorney is sent the agenda to approval
7 days before Meetings	(11/20/18)	Post Agenda on bulletin board Water Commission will receive packet (allowing a day and half for corrections and additional information to be added)
5 days before Meetings	(11/22/18)	Post Agenda Packet to City Website @ noon
4 days before Meetings	(11/23/18)	(72 hours) – Local Government Code requirement for posting

City Council = Red

Impact Fee Committee = Pink

Quarry Commission = Purple

Planning & Zoning = Green

Water Commission = Blue

Wildlife Management Advisory Commission = Brown

Veteran's Day Holiday= City Events

Thanksgiving Holiday= City Events

Sun	Mon	Tues	Wed	Thur	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Approval

1. Minutes 10-23-18

Recommendation

Discussion/Reports

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

Training Session

Executive Session

PENDING FUTURE AGENDA ITEMS

- Water Rate Study

UPCOMING EDUCATION/TRAINING SESSIONS