

GONZALES COUNTY UNDERGROUND WATER CONSERVATION DISTRICT

NOTICE OF MAJOR PERMIT AMENDMENT APPLICATIONS FILED BY CANYON REGIONAL WATER AUTHORITY AND NOTICE OF PUBLIC HEARING

Canyon Regional Water Authority (CRWA) submitted permit amendment applications to the Gonzales County Underground Water Conservation District (GCUWCD) to increase the production rate for one of its existing permitted wells in the Carrizo aquifer, "Well 14 - Christian West," from 495 gallons per minute (gpm) to 1,065 gpm. The proposed pumping rate increase of 570 gpm equates to an increase in production of 920.05 acre-feet per year (ac-ft/year). If the permit amendment is granted, CRWA's total annual production and transport rights would increase from 7,400 ac-ft/year to 8,320.05 ac-ft/year. All of CRWA's wells are used for public water supply purposes and its wellfield is located approximately 13 miles southeast of Seguin, Texas. Additional information regarding the application is available online at: <https://www.gcuwcd.org/recent-news-and-legislative-updates>

The GCUWCD Rules in effect at the time of this permit application submittal are the April 14, 2020 Rules. Permit notice and hearing procedures are included in Rule 24. Copies of the GCUWCD's April 14, 2020 rules are available at the GCUWCD office or online at the GCUWCD website at www.gcuwcd.org.

PUBLIC HEARING CONTINUATION:

GCUWCD will conduct a public hearing continuation on CRWA's permit amendment applications before its regular meeting at the following time and place:

**Tuesday, September 12, 2023
Commencing at 5:30 PM
Gonzales County Underground Water Conservation District
522 Saint Matthew Street
Gonzales, Texas 78629**

PUBLIC COMMENT:

Anyone interested in the permit applications may submit written comments about the applications to GCUWCD, or attend the public hearing and make oral comments. The address for submitting written public comments is **GCUWCD, Attn: General Manager, 522 Saint Matthew St., Gonzales, Texas 78629**. Written comments should be received by GCUWCD not later than the end of the meeting.

REQUESTS FOR CONTESTED CASE HEARINGS:

Interested persons may also request a contested case hearing on the applications no later than the end of the public hearing. All requests for contested case hearings must be in writing and meet the other requirements of GCUWCD Rule 25.B. The address for submitting requests for a contested case hearing is GCUWCD, Attn: General Manager, 522 Saint Matthew St., Gonzales, Texas 78629. Copies must also be provided to CRWA at 850 Lakeside Pass, New Braunfels, Texas 78130. Requests for contested case hearings should be received by GCUWCD and CRWA no later than the end of the meeting.

If no timely and compliant contested case hearing requests are received, or if all contested case hearing requests are withdrawn prior to the close of the public hearing; the GCUWCD Board may proceed with final action on the permit applications at its September 12, 2023 meeting. If a request for contested case hearing is received, the Board will schedule subsequent hearings or meetings to consider any such requests.

Copies of CRWA's applications and GCUWCD's Rules are available for review at GCUWCD's Administrative Office located at 522 Saint Matthew Street, Gonzales, Texas, and on GCUWCD's website at www.gcuwcd.org.

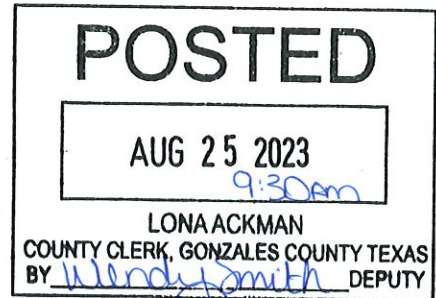
GONZALES COUNTY UNDERGROUND WATER CONSERVATION DISTRICT

**NOTICE OF MAJOR PERMIT AMENDMENT APPLICATIONS
FILED BY CANYON REGIONAL WATER AUTHORITY
AND NOTICE OF PUBLIC HEARING**

MEETING AGENDA:

The meeting agenda is as follows:

1. Call to order.
2. Announcements regarding hearing procedures.
3. Presiding Officer to take evidence on the applications and contested case requests.
4. Board consideration of and action on contested case requests or action on the permit applications.
5. Adjourn.



CANYON REGIONAL WATER AUTHORITY DRILLING/OPERATING PERMIT AMENDMENT APPLICATION AND TRANSPORT PERMIT AMENDMENT APPLICATION SUPPORTING INFORMATION

Canyon Regional Water Authority (CRWA) is requesting permit amendments to increase production and transport/export rights from one of its ten existing municipal public water supply wells located in the western Gonzales County portion of the Gonzales County Underground Water Conservation District (GCUWCD or District). Production and transport/export of water from these wells is currently permitted under Aggregate Operating Permit No. 11-16-01 and Export Permit No. 11-09-01, which authorize production and transport of 7,400 acre-feet per year (ac-ft/yr) from the Carrizo aquifer. This permit amendment would increase CRWA's production and transport/export rights by 920.05 ac-ft/yr to meet the increased needs of its member entities.

Long-term monitoring of the performance of CRWA's wells indicates that the production rate of CRWA's existing Well 14 – Christian West can be safely increased from the currently permitted rate of 495 gallons per minute (gpm) to 1,065 gpm. The proposed increase of 570 gpm equates to an additional 920.05 ac-ft/yr, which would increase CRWA's total annual production and transport rights from 7,400 ac-ft/yr to 8,320.05 ac-ft/yr from the Carrizo aquifer. CRWA has leased sufficient surface acres and groundwater rights in the District to support this amendment.

A completed GCUWCD Drilling and Production Application Form and a completed Transportation Application form for Well 14 – Christian West are provided under Tab 1. The following sections address the CRWA's responses to the provisions of GCUWCD Rule 10 and Rule 15.

RULE 10 – APPLICATION FOR DRILLING AND OPERATING PERMITS

10.D.1. Name and mailing address of the applicant and the owner of land on which the water well will be located;

Applicant:

CRWA
c/o John Kaufman, General Manager
850 Lakeside Pass
New Braunfels, Texas 78130
jkaufman@crwa.com

Well 14 – Christian West Landowner (property is leased by CRWA, see Lease No. 77):

William Brent Christian
1046 HWY 90A W.
Gonzales TX 78629

10.D.2. If the applicant is other than the owner of the property, documentation establishing the applicable authority to construct and operate a water well for the proposed use;

Well 14 – Christian West is located on land previously leased by CRWA (Lease No. 77). As listed on the lease schedule provided under Tab 3, water rights leases totaling 7,406.80 ac-ft/yr are included in CRWA's current permits, while water rights leases totaling 8,331.54 ac-ft/yr are included in the proposed amended permits. To support the increased well-to-property spacing requirements associated with the additional production requested in this amendment, CRWA is adding Lease No. 29, from Jessie D. Perez, Jr., to its Carrizo rights in the District. The Memorandum of Lease with Mr. Perez is provided under Tab 3.

10.D.3. The location of the water well expressed in Latitude and Longitude in degrees of arc and minutes of arc and seconds of arc to the first decimal place;

Well 14 – Christian West is located at the following coordinates:

Latitude: 29°28'14.3"N (29.470628°)

Longitude: 97°44'26.0"W (-97.740546°)

10.D.4. The current landowner as listed on the tax rolls with the Gonzales County Deed Records and the number of feet to the nearest public road, property line or other legal description and a survey in which the land is located;

Well 14 – Christian West is located approximately 160 feet from County Road 102 on the land parcel described by the following:

Geo-ID: 10340-81000-00000-000000

Property ID: 24658

Owner: William Christian

Abstract/Survey: 34 Jose De La Baume

10.D.5. A statement of the nature and purpose of the proposed use and the amount of water to be used for each purpose;

The proposed increased pumping rate for Well 14 – Christian West will result in production of an additional 920.05 ac-ft/year. This will augment CRWA's production of groundwater for municipal public water supply purposes. In total, if this amendment is granted, CRWA will produce and export 8,320.05 ac-ft/yr from its ten Carrizo aquifer wells in the District, all of which will be used for municipal public water supply purposes.

10.D.6. The proposed maximum rate at which water will be withdrawn;

CRWA proposes to increase the production rate of Well 14 – Christian West from 495 gpm to 1,065 gpm. The pumping rates for the other wells in CRWA's well field in the District will not change.

10.D.7. The number of surface acres owned by the applicant or the amount of surface acres for which the applicant has groundwater rights within the aquifer management unit;

A CRWA has leased a total of 8,331.54 surface acres of land in the District. A lease schedule and the lease memoranda are included under Tab 3. A map showing the footprint of CRWA's water rights leased areas is provided under Tab 2.

10.D.8. The name and address of the driller or contractor, if known;

Well 14 - Christian West was constructed by:

Alsay, Inc.
6615 Gant Rd.
Houston, TX 77066

10.D.9. The date proposed drilling operations are to commence;

Construction of Well 14 - Christian West was completed on November 24, 2017. CRWA will commence the procurement process to acquire the pumps and other equipment needed to increase the pumping rate in Well 14 – Christian West to 1,065 gpm as soon as practicable after approval of this permit amendment.

10.D.10. The name and address of adjacent property owners as shown on the County Tax Rolls as of the date the application is filed;

There are several properties adjacent to the property on which Well 14 – Christian West is located. All of the adjacent properties have been leased by CRWA. A map showing the locations of CRWA's water rights leased areas is provided under Tab 2 and a complete landowner list (including addresses) and memorandums of leases are provided under Tab 3.

10.D.11. The name and address of all existing and registered and permitted well owners within one-half mile of the proposed water well as shown in the records of the District;

All of the registered/permitted wells within one-half mile of Well 14 – Christian West are located on properties leased by CRWA. Maps showing the location of registered/permitted wells in relation to Well 14 – Christian West are included under Tab 2. A water rights lease schedule that includes the names and addresses of lessors with

registered/permitted wells within one-half mile of Well 14 – Christian West properties is included under Tab 3.

There are four landowners within the ½ mile radius of Well 14 - Christian West that do not have lease agreements with CRWA. None have wells. CRWA will provide certified mail notification of this permit amendment application to the following four non-leased landowners within one-half mile of Well 14 – Christian West:

Frank & Merrie Monaco
P O Box 10248 San Antonio, TX 78210

Robert Kreis & Carol Alyea
314 CR 109 W Leesville, TX 78122

Susan Metcalf Loomis
13668 N HWY 80 Leesville, TX 78122

QSTS Ranch Partnership Ltd.
239 Alta Ave. San Antonio, TX 78209

10.D.12. An acknowledgment by the applicant that required information will be furnished to the District by the applicant upon completion of the water well and prior to production of water therefrom;

All information required by the District was submitted when Well 14 – Christian West was completed in 2017.

10.D.13. A drought contingency plan if the application involves a public water utility;

CRWA's drought contingency plan is included under Tab 5.

10.D.14. A water conservation plan or a declaration that the applicant will comply with the District's management plan;

CRWA's water conservation plan is included under Tab 6.

10.D.15. A water well closure plan or a declaration that the applicant will comply with well plugging guidelines and report closure to the TCEQ and the District;

CRWA will comply with District well plugging guidelines and report well closures to the District and the TCEQ.

10.D.16. A map of the property upon which the water well is located and an indication of all other water wells on the property or a map of the city limits of any incorporated city in Gonzales County in which a water well is proposed to be drilled;

Well location maps are provided under Tab 2.

10.E.1. Include in the application a public-domain numerical groundwater availability model accepted by the District. The model shall demonstrate the effects of the proposed groundwater development upon the water table or artesian pressure of the Carrizo, Wilcox, Queen City and Sparta aquifers, as applicable, within and outside of the proposed well field over a 50 year modeling period...

On September 8, 2022, CRWA met with the District's General Manager and hydrogeological consultant to discuss this proposed amendment and the groundwater flow modeling to be performed as part of the amendment application process. As established during the meeting, the aquifer's response to the proposed increase in Well 14 – Christian West pumpage rate was modeled using the currently-approved Carrizo-Wilcox-Queen City-Sparta Groundwater Availability Model (GAM) maintained by the Texas Water Development Board (TWDB).

The currently adopted Desired Future Condition/Modeled Available Groundwater (DFC/MAG) simulation pumpage input files generated by Groundwater Management Area No. 13 (GMA-13) were used as a baseline for the model runs performed for this proposed amendment. However, the DFC/MAG model inputs include pumpage attributed to CRWA from 2012 through 2022 do not accurately reflect CRWA's actual groundwater production rates and volumes; consequently, for the purposes of this application, the model pumpage assigned to CRWA in the DFC/MAG simulation was replaced with CRWA's actual recorded groundwater withdrawals from 2012 through 2022. Therefore, the predictive portion of the model runs discussed herein (2023 through 2080) include all CRWA permitted pumpage plus the proposed increase in the pumpage rate of Well 14 – Christian West, in addition to the regional pumpage included in the DFC/MAG simulation.

CRWA was directed by the District's General Manager and hydrogeological consultant to perform the following simulations to evaluate the impacts associated with this proposed amendment:

1. The 25-year drawdown due to the proposed increase in Well 14 – Christian West pumpage (920.05 acre-feet per year).
2. The 50-year drawdown due to the proposed increase in Well 14 – Christian West pumpage (920.05 acre-feet per year).

This work was performed, and two contour plots of the model results are provided under Tab 4. The results indicate that the predicted drawdown associated with this amendment is modest. Only approximately five to ten feet of additional drawdown is expected in the CRWA well field area following 50 years of production.

10.E.2. Include in the application a monitoring plan to assess the effects of the project on the aquifer(s)

The District has established an extensive monitoring well network in the CRWA area that may be used to monitor the aquifer's response to the proposed increase in Well 14 – Christian West pumpage rate.

See "Summary Report Carrizo Outcrop Monitor Wells Guadalupe, Gonzales, and Caldwell Counties, Texas," Daniel B. Stephens & Associates Inc., February 22, 2021, available online at https://www.dropbox.com/s/crjevkb4nu9xvw5/Summary%20Report%202-22-21_rsp.pdf?dl=0 No additional monitor wells are needed to monitor the effects of this amendment as Well No. 14 – Christian West is already in existence and being monitored by the District's current monitoring well network.

10.E.3 In order to ensure no unreasonable effects on existing groundwater and surface water resources or existing permit holders, the District shall require a mitigation plan, acceptable to the District...

CRWA will continue to participate in the mitigation program managed by the GCUWCD per the "Amended Participation Agreement in the Western Gonzales County Dedicated Mitigation Fund," by and between CRWA and the District, executed to be effective December 17, 2012; and the "Monitoring Wells System Construction, Operation, and Maintenance Agreement," by and among the District, ARWA, CRWA, SSLGC, and GBRA," executed to be effective on December 30, 2016. At the District's request, CRWA will work with the District to amend the existing mitigation agreement on mutually agreeable terms which are substantially similar to the terms and conditions required by the District of similarly-situated exporters.

10.E.4 Include in the application:

10.E.4.a. A demonstration that the proposed well field is consistent with the District's approved management plan

The proposed increase in the Well 14 – Christian West production rate is a small increase in pumpage, representing approximately 1.5% of the 2020 MAG for the Carrizo aquifer in Gonzales County (60,431 ac-ft/yr) and about 1.2% of the 76,265 ac-ft/yr MAG listed for 2030.

The additional impacts associated with the proposed Well 14 – Christian West production rate increase were compared to the average simulated drawdown within GCUWCD output by the currently adopted DFC/MAG simulation generated by GMA-13. The adopted DFCs in GMA-13 are calculated for the period between the beginning of 2013 through the end of 2080. The average drawdown in GCUWCD output

by the DFC/MAG simulation over that interval is 127.21 feet, while the average drawdown in GCUWCD resulting from the proposed increase in the Well 14 – Christian West production rate increase is approximately 0.5 feet. This simulated average drawdown represents an increase of 0.39% of the drawdown predicted by the DFC/MAG simulation.

Given the beneficial use to which the water will be put, the modest increase in pumpage and small impacts are consistent with the goals outlined in the District's management plan.

10.E.4.b. A map indicating the proposed area in which the other water wells in the proposed well field will be drilled.

Well location maps are provided under Tab 2.

10.E.4.c. The existing or proposed general route of the pipeline transporting the water.

Maps and descriptions of CRWA's infrastructure are provided under Tab 7. No new pipelines or other infrastructure is needed to support the additional water authorized to be produced and transported under this amendment.

10.E.4.d. A demonstration that the proposed water to be produced is consistent with the regional water plan that has been approved by the TWDB at the time the permit application is submitted.

CRWA's Wells Ranch Phase 3 Project is included in Section 5.2.19 of the 2021 State Water Plan. This water management strategy contemplates developing new Carrizo-Wilcox aquifer supplies in Guadalupe County and treating the produced groundwater at CRWA's existing water treatment facility, which currently accepts water from 15 wells including Well 14 – Christian West. While not specifically described in the 2021 State Water Plan, the proposed amendment will augment the capacity of the Wells Ranch well field and represents one component of CRWA's multi-faceted strategy to meet future demands.

CRWA has recorded water level data in the Wells Ranch well field since 2012. The results of ongoing groundwater flow modeling that incorporate these data indicate that increased system efficiency can be achieved by tailoring individual well rates to site-specific hydrogeologic conditions. By taking advantage of the increased productivity of the Carrizo beneath Well 14 – Christian West, additional production can be obtained from existing infrastructure while minimizing the resultant hydrogeologic impacts.

As stated in Section 16.053(a) of the Texas Water Code, the purpose of the regional water planning effort is to “provide for the orderly development, management, and conservation of water resources...” The goal of this proposed amendment is to efficiently utilize existing groundwater resources by developing additional public supplies from wells that are proven to cause less drawdown per gallon produced. In this way, orderly development and management of groundwater resources is achieved, while promoting conservation by delaying the need to expand well field infrastructure to accommodate forecasted increases in demand.

10.E.4.e. The proposed schedule of water usage and the ultimate production amount of the water wells connected to the well field for which a permit application has been filed

CRWA intends to increase the production rate of Well 14 – Christian West to 1,065 gpm following upgrades to the electrical and pumping equipment promptly after approval of this permit amendment (subject to CRWA's procurement policies and procedures). The ten CRWA wells in the District are currently permitted to produce 7,400 ac-ft/yr and total production and transport will increase to 8,320.05 ac-ft/yr if this permit amendment is approved.

10.G. Each application for a drilling and operating permit shall be accompanied by a certified check or postal money order based on an amount, set by the Board, per acre/foot proposed to be produced annually and payable to the District for the permit application processing fee...

A check for \$1,840.10 is included with this application packet, which is intended to provide for both drilling/operating and transport permit application amendment fees (2 * \$920.05 = \$1,840.10).

RULE 15 – EXPORTATION OF GROUNDWATER FROM THE DISTRICT

15.C. *The following information will be provided to the General Manager with a registration of an existing facility or an application for a permit to export water:*

15.C.1. *The name and address of the owner or operator of the export facility.*

Export facility owner/operator:

CRWA
c/o John Kaufman, General Manager
850 Lakeside Pass
New Braunfels, Texas 78130
jkaufman@crwa.com

15.C.2. *The legal description of the location of the water well or wells from which water to be exported is to be produced.*

Well location maps are provided under Tab 2. Legal descriptions of the well site tracts are included in the Memorandums of Lease under Tab 3.

15.C.3. *The name and address of the water right owner of the proposed or existing well or wells used to produce water to be exported.*

CRWA's water rights lease information is provided under Tab 3.

15.C.4. *The permit number or registration number of the water well or wells used to produce water to be exported.*

CRWA's currently holds Aggregate Operating Permit No. 11-16-01 and Export Permit No. 11-09-01, which authorize CRWA to produce and export 7,400 ac-ft/yr from ten wells in Gonzales County. Copies of the permits are included in Tab 1.

15.C.5. *A technical description of the water well or wells that are producing water for export and the formation they are producing from including, but not limited to:*

15.C.5. a. *A copy of the driller's log.*

15.C.5. b. *A completion record showing the depth of the water well, the casing diameter, type and setting, and the perforated interval.*

15.C.5. c. *The size of the pump or pumps used to produce water to be exported.*

15.C.5. d. *The date the water well was drilled.*

15.C.5. e. *Electric logs including a spontaneous potential log and a resistivity log.*

All technical data and descriptions of the ten wells authorized under Aggregate Operating Permit No. 11-16-01 have been previously provided to the District with the original application for those wells.

15.C.6. The use of water exported.

All of the produced water will be used for municipal public water supply purposes.

15.C.7. The volume of water exported during the previous calendar year.

CRWA exported 6,234.38 ac-ft in 2021 and 7,426.57 ac-ft in 2022.

15.C.8. A technical description of the facilities used to export water.

Technical descriptions of CRWA's infrastructure and facilities are included under Tab 7. No changes to those facilities are necessary to support this amendment.

15.C.9. The proposed volumes of water to be exported outside the District, on a per annum basis for a thirty (30) year period commencing upon (expected) permit issuance.

CRWA anticipates producing and exporting 8,320.05 ac-ft/yr.

15.C.10. The availability of water in the District and in the proposed receiving area during the period for which the water supply is requested.

The availability of water in the GCUWCD and the receiving area is described in the DFC/MAG documents maintained by the TWDB: https://www.twdb.texas.gov/groundwater/management_areas/gma13.asp.

15.C.11. The projected effect of the proposed transfer on aquifer conditions, depletion, subsidence, or effects on existing permit holders or other groundwater users within the District.

The estimated aquifer response to the proposed pumpage is included under Tab 4. The proposed transfer will not exceed the current MAG and groundwater modeling indicates that the proposed increase in the Well 14 – Christian West's production rate will result in approximately six inches of additional artesian pressure decline in the District over the next several decades. The predicted drawdown impacts are not expected to cause aquifer depletion or significantly adversely affect aquifer conditions or existing permit holders or other groundwater users. Per the District's Management Plan, subsidence is not a relevant factor in the District. (See District Management Plan, Section 8.9).

15.N. An application for an export permit shall be accompanied by a certified check or postal money order in an amount, set by the Board, per acre/foot requested to be exported in a year and payable to the District for a permit application processing fee.

A check for \$1,840.10 is included with this application packet, which is intended to provide for both drilling/operating and transport permit application amendment fees ($2 * \$920.05 = \$1,840.10$).

**GONZALES COUNTY UNDERGROUND WATER CONSERVATION DISTRICT
DRILLING AND PRODUCTION APPLICATION FORM**

Permit Type: Drill New Equip New Re-work Re-equip Alter
Proposed Use: Irrigation Public Supply Industrial Injection
Other (specify)

Owner/Operator Information

Facility Owner: Canyon Regional Water Authority Phone: 830-609-0543
Owner Address: 850 Lakeside Pass New Braunfels, TX 78130
Facility Operator: c/o John Kaufman Phone:
Operator Address: Same as owner

Well Location Information

Survey Name: Jose De La Baume Abstract Number: 34
Latitude: North 29.470628° Longitude: West -97.740546°
Well Address/Location: Approx. 15miles SE of Seguin, TX
This well is located: 1,820ft from the nearest property line

List all other wells located on the property upon which this well is to be located and all wells located on the contiguous acres which shall be considered for the production of this well.

A list of existing wells within the CRWA well field properties is included under Tab 1 of this submittal packet. Attach a map of all property owners adjacent to the property upon which this well will be located and list all owners of the property as recorded in the Gonzales County or Caldwell County tax rolls and identify all well owners located on the adjacent properties.

Well location and water rights lease/property maps are included under Tab 2 of this submittal packet.

Well Construction/Completion Information

Name of Driller: Alsay, Inc. Texas Water Well Drillers License No.: 56049
Proposed/Completed Depth of Well: 576ft Aquifer: Carrizo Drilling Start Date: March 16, 2017
Proposed/Completed Casing Size: 18 in dia.
Proposed/Completed Screen/Perforation Depths: 432 ft - 566 ft
If the well is to be drilled, completed or equipped such that it will require an exception to the District's spacing and production rules, attach a brief statement describing the reasons for the exception.

Well Production Information

Total Contiguous Acres within Management Area Owned/Leased by Applicant: 8,331.539 acres

Total Amount of Water requested in Permit Application: 8,320.05 ac-ft/yr

Maximum well pumping capacity based on fenceline spacing chart: 1,820 gpm

Production for peaking is allowed to exceed the well permitted capacity in any monthly period, however, the actual calendar year production from January 1st and ending on December 31st shall not exceed the permitted production for that year.

CRWA Well 14 - Christian West

**GONZALES COUNTY UNDERGROUND WATER CONSERVATION DISTRICT
DRILLING AND PRODUCTION APPLICATION FORM**

Acknowledgments

I agree that this well will be drilled within 50 feet of the location specified, and that I will furnish the District a complete State of Texas Well Report and any geophysical log that might be made within 60 days of completion of this well. I agree to abide by the District Rules, Management Plan, and orders of the Board of Directors. Furthermore, I agree not to produce this well in a wasteful manner.

Signature: 
Printed Name: John Kaufman

Date: March 27, 2023
Title: General Manager

District Use Only

Date Application Received: _____ Date Fee Received: _____ Check No.: _____

Field Inspection Date: _____ Field Inspector: _____

Gonzales County Underground Water Conservation District

522 Saint Matthew Street
P.O. Box 1919
Gonzales, TX 78629
Phone: 830.672.1047
Fax: 830.672.1387

Canyon Regional
Water Authority

NOV 18 2021

**Aggregate Operating Permit
For Public Water Supply
Permit No.: 11-16-01**

Permit Issued To: Canyon Regional Water Authority/ Howard Williamson III
Mailing Address: 850 Lakeside Pass
New Braunfels, TX 78130

Phone: 830.609.0543
Fax: 830.609.0740

Date Permit Amendment Filed: March 9, 2016
Date Amended Permit Approved: November 8, 2016
Date of Next Permit Renewal: November 8, 2021
Date First Permit Renewal Request Granted: November 9, 2021
Current Permit Expiration Date: November 9, 2026

This permit supersedes CRWA Permits 15-10-04 and 11-12-2, which are now void.

Operating Permit Provisions: Total production is limited to 7,400 acre-feet per year from 10 wells as depicted on the attached map (ATTACHMENT A).

Maximum Withdrawal Rate of Wells: The maximum withdrawal rate of the wells based on fenceline spacing

Well ID	Maximum Withdrawal Rate (gpm)
Well #1 Tommy's	3,975
Well #5 Littlefield	690
Well #8 Chickenhouse	2,910
Well #9 Camphouse	495
Well #11 Coastal Field	3,525
Well #12 Bull Trap	580
Well #13 Bond West	1,550
Well # 14 Christian West	495
Well #15 Bond East	1,005
Well #16 Christian East	900

The rate of production from a well or well field may vary throughout the year; however, the total production in a calendar year beginning on January 1st and ending on December 31st shall not exceed the permitted

production for that year. Individual well production rates are allowed to increase up to 150% of the permitted production rate during peak demand periods

Aquifer Production Allocation: 1.0 acre-foot per acre from the Carrizo Aquifer

Operation and Exportation Schedule: Permittee is authorized to produce and export from the District a total annual amount of 7,400 acre-feet per year of groundwater in accordance with the following production schedule:

A. Interim Stage I – During the period from November 14, 2012 through November 13, 2017, Permittee is authorized to produce and transport no more than 2,000 acre feet per year of groundwater.

B. Interim Stage II – During the period from November 14, 2017 through November 13, 2032, Permittee is authorized to produce and transport no more than 7,400 acre feet per year of groundwater.

All groundwater production and exportation authorized by this permit is in addition to such amounts as are authorized by the District pursuant to other permits granted to Permittee.

The Permittee may request from the General Manager a modification of the Operation and Exportation Schedule during any Interim Stage. Permittee's request for modification of the Operation and Exportation Schedule must include an explanation for the modification. If the Desired Future Condition is not in imminent danger of not being achieved or the Desired Future Condition is being achieved, the Board shall amend the Operation and Exportation Schedule and such action shall not be subject to a contested case hearing.

Term of Production Permit: 5 years

A permittee holding a drilling and production permit due to expire shall file a written request to reissue the permit to the General Manager no later than 30 days prior to the expiration date of the permit. The permit will be administratively renewed for a period of five years in accordance to the rules in effect at the time of renewal. Requests to renew a permit shall be subject to review for substantial compliance with the rules of the District by the General Manager. The District is not required to renew a permit under this section if the applicant:

- a. is delinquent in paying a fee required by the district;*
- b. is subject to a pending enforcement action for a substantive violation of a district permit, order, or rule that has not been settled by agreement with the district or a final adjudication; or*
- c. has not paid a civil penalty or has otherwise failed to comply with an order resulting from a final adjudication of a violation of a district permit, order, or rule.*

An application for renewal of a permit that also requests a major amendment is subject to notice and hearing, and final approval by the Board. During consideration of a contested renewal application, the permit shall remain effective until final Board action on renewal of the permit.

Additional Conditions Applicable to Production Permit:

A. **Special Provisions**

This production permit was granted with the following special provisions:

1. Amended Participation Agreement in the Western Gonzales County Dedicated Mitigation Fund, by and between Canyon Regional Water Authority (CWRA) and the District, executed to be effective on December 17, 2012 (see Attachment 1).

2. Monitoring Well System Construction, Operation, and Maintenance Agreement, by and among the District, Alliance Regional Water Authority (formerly Hays Caldwell Public Utility Agency) , Canyon Regional Water Authority, Schertz/Seguin Local Government Corporation, and Guadalupe Blanco River Authority (formerly Texas Water Alliance) Agreement, executed to be effective on December 30, 2016 (see Attachment 2), which wholly superseded and replaced the Monitoring Well Agreement between Canyon Regional Water Authority and the District dated to be effective on December 17, 2012.

B. General Conditions

Acceptance of the permit by the person to whom it is issued constitutes acknowledgment of and agreement to comply with all of the terms, provisions, conditions, limitations, and restrictions of these rules including, but not limited to, the following:

1. Permits are granted in accordance with the provisions of the Texas Water Code and the Rules, Management Plan and Orders of the District, and acceptance of the permit constitutes an acknowledgment and agreement that the permittee will comply with the Texas Water Code, the District Rules, Management Plan, Orders of the District Board, and all the terms, provisions, conditions, requirements, limitations and restrictions embodied in a permit.
2. A permit confers no vested rights in the holder, and it may be revoked or suspended, or its terms may be modified or amended pursuant to the provisions of the District's Rules.
3. The operation of a well for the authorized withdrawal must be conducted in a non-wasteful manner. In the event the groundwater is to be transported a distance greater than one-half mile from the well, it must be transported by pipeline to prevent waste caused by evaporation and percolation.
4. The permittee must keep records of the amount of groundwater produced and exported and the purpose of the production, and such records shall be available for inspection by District representatives. Immediate written notice must be given to the District in the event production exceeds the quantity authorized by a permit, or the water well is either polluted or causing pollution of the aquifer. Reports of withdrawal amounts shall be filed annually by any permittee with authorized withdrawal up to 3,000 acre feet per year. Reports of monthly withdrawal amounts shall be filed within thirty (30) days of the end of each month.
5. A well site and transportation facility must be accessible to District representatives for inspection, and the permittee agrees to fully cooperate in any reasonable inspection of the well, well site, and transportation facility by District representatives.
6. Applications for which a permit is issued are incorporated in the permit and thus permits are granted on the basis of and contingent upon the accuracy of the information supplied in the application and any amendments to the application. A finding that false information has been supplied is grounds for immediate revocation of a permit. In the event of conflict between the provisions of a permit and the contents of the application, the provisions of the permit shall control.
7. Suspension or revocation of a permit may require immediate cessation of all activities granted by the permit.
8. Violation of a permit's terms, conditions, requirements or special provisions is punishable by civil penalties provided by the District's Rules.

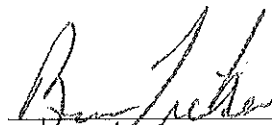
9. Where ever special provisions in a permit are inconsistent with other provisions or District Rules, the special provisions prevail.
10. In order to preserve and protect the aquifer(s) of the District, water wells connected or to be connected to a common gathering/transportation piping system capable of producing greater than or equal to 3,000 acre-feet of groundwater from permitted wells per calendar year, shall be required to assess the effects of the project on the aquifer(s). Water quality sampling and analysis shall be conducted by the well field owner/operator annually in at least two production wells to assess any changes in water quality that may be attributed to the large-scale pumping project. Samples shall be collected and analyzed by a laboratory, acceptable to the District, for major cations (sodium, potassium, calcium, magnesium) and anions (chloride, sulfate, carbonate, bicarbonate) and total dissolved solids. In addition, specific conductance, pH, and temperature measurements shall be made in the field during each annual sampling event. The sampling results shall be submitted to the District annually.

C. Change of Ownership

A drilling or production permit may be transferred to another person through change of ownership of the well provided all permit conditions remain in compliance with District Rules and the District is notified, in advance, of the proposed change in ownership. The General Manager is authorized to effectuate the permit transfer.

D. Penalties

Failure to comply with District rules may subject the permittee to a civil penalty to be determined by the Board not to exceed \$10,000 per day of violation, and each day of continued violation constitutes a separate violation.



Bruce Ticken, President
Gonzales County UWCD



Date

Attachments:

Attachment 1 - Amended Participation Agreement in the Western Gonzales County Dedicated Mitigation Fund, by and between Canyon Regional Water Authority (CWRA) and the District, executed to be effective on December 17, 2012.

Attachment 2 - Monitoring Well System Construction, Operation, and Maintenance Agreement, by and among the District, Alliance Regional Water Authority (formerly Hays Caldwell Public Utility Agency), Canyon Regional Water Authority, Schertz/Seguin Local Government Corporation, and Guadalupe Blanco River Authority (formerly Texas Water Alliance) Agreement, executed to be effective on December 30, 2016, which wholly superseded and replaced the Monitoring Well Agreement between Canyon Regional Water Authority and the District dated to be effective on December 17, 2012.

Canyon Regional Water Authority Permit Amendment Workshop

Gonzales County Underground Water Conservation District (GCUWCD)

August 8th, 2023

James Bené, P.G.
R. W. Harden & Associates Inc.

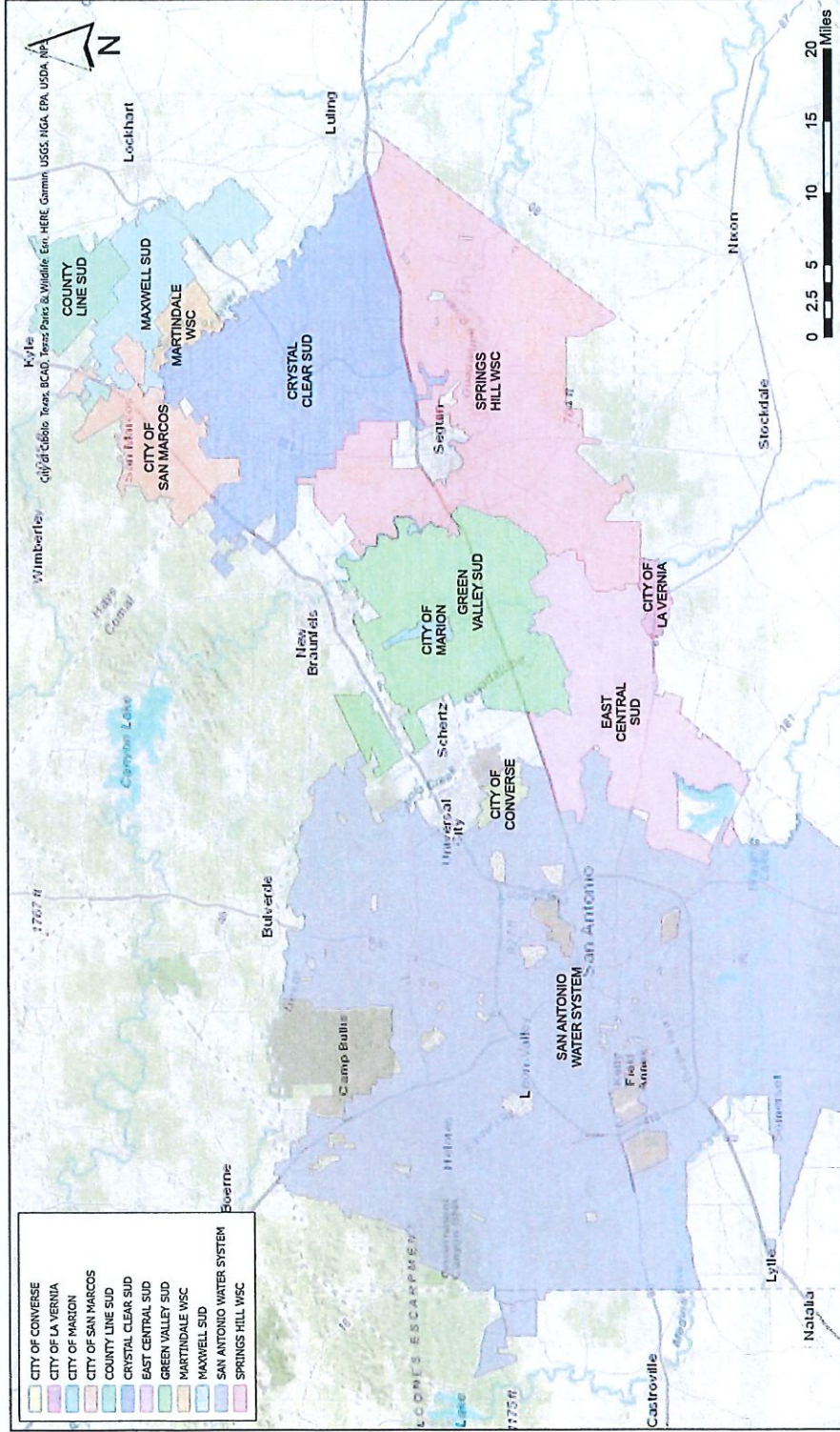
Who is CRWA?



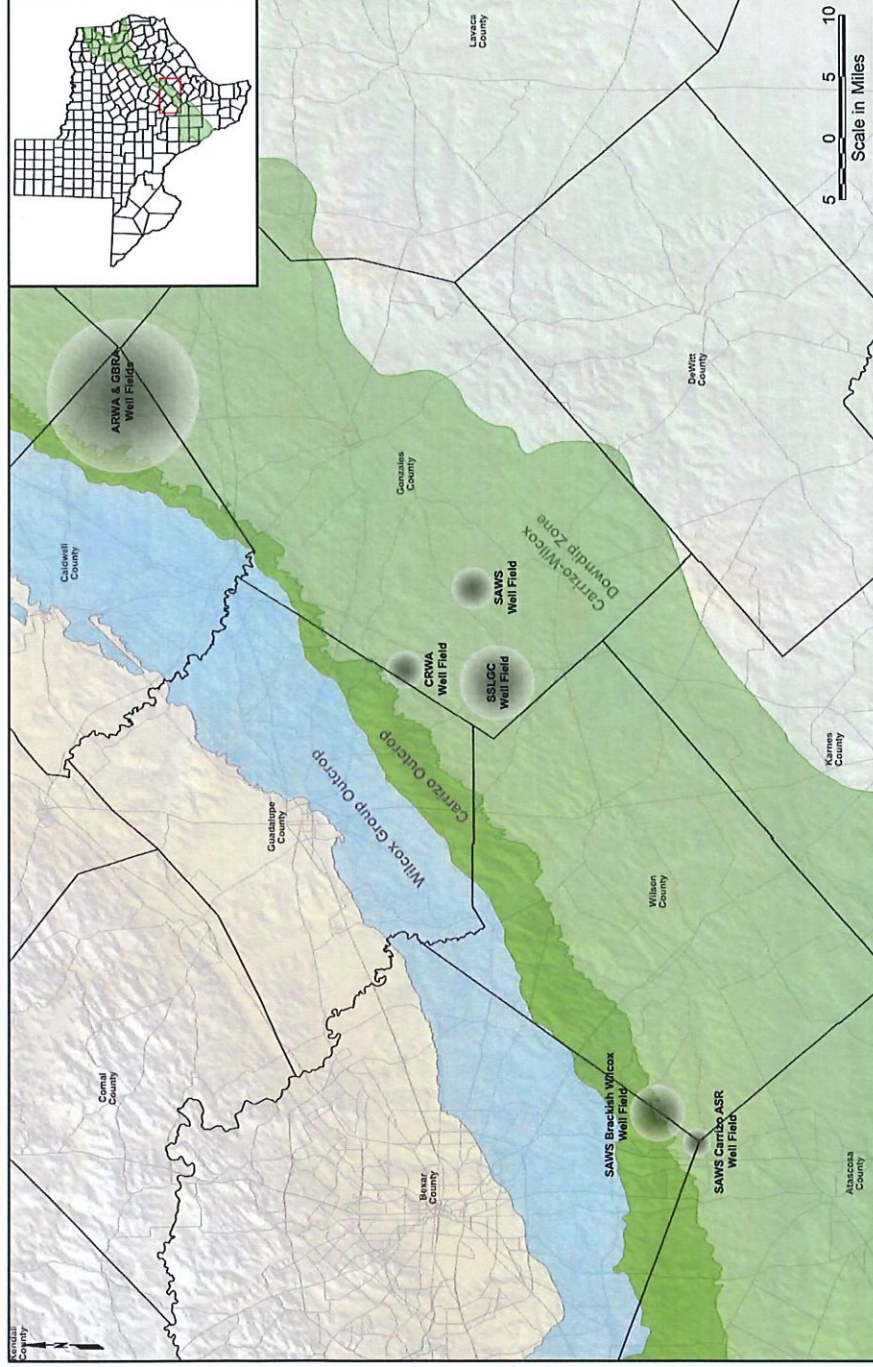
- Canyon Regional Water Authority is a subdivision of the State of Texas created by the Texas Legislature in 1989
- It is a partnership of water supply corporations, cities, and districts responsible for acquiring, treating, and transporting potable water for public supply.

- ❖ City of Cibolo
- ❖ City of Converse
- ❖ City of La Vernia
- ❖ City of Marion
- ❖ County Line SUD
- ❖ Crystal Clear SUD
- ❖ East Central SUD
- ❖ Green Valley SUD
- ❖ Martindale WSC
- ❖ Maxwell SUD
- ❖ Springs Hill WSC
- ❖ San Antonio Water System (wholesale customer)
- ❖ City of San Marcos (wholesale customer).

CRWA Service Area



Regional Overview



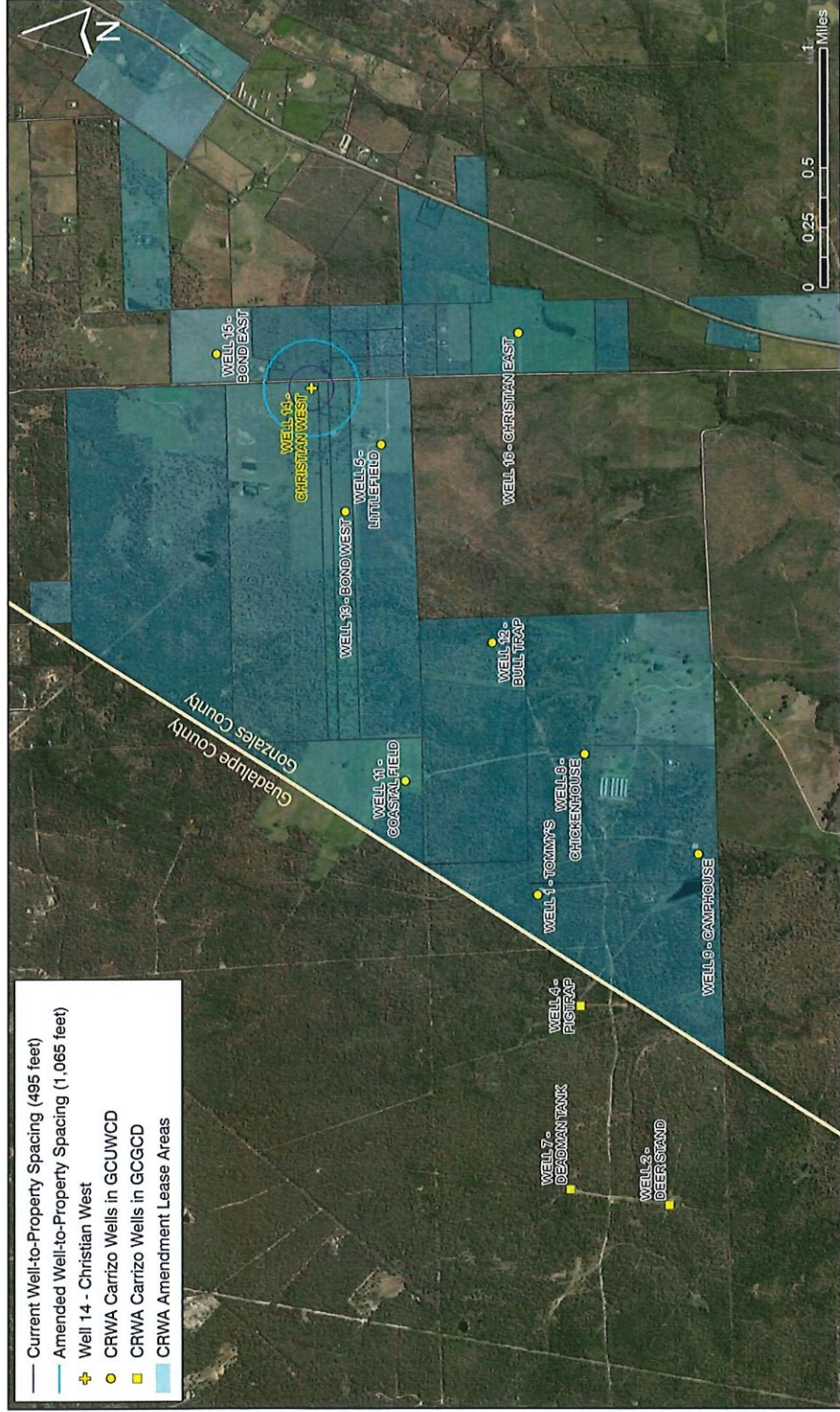
Current CRWA Permits



- GCUWCD - Gonzales County
 - Current - 7,400 acre-feet per year from the Carrizo aquifer

- GCGCD - Guadalupe County
 - 2,603 acre-feet per year from the Carrizo aquifer
 - 3,026 acre-feet per year from the Wilcox aquifer
 - *Total 5,629 acre-feet per year*

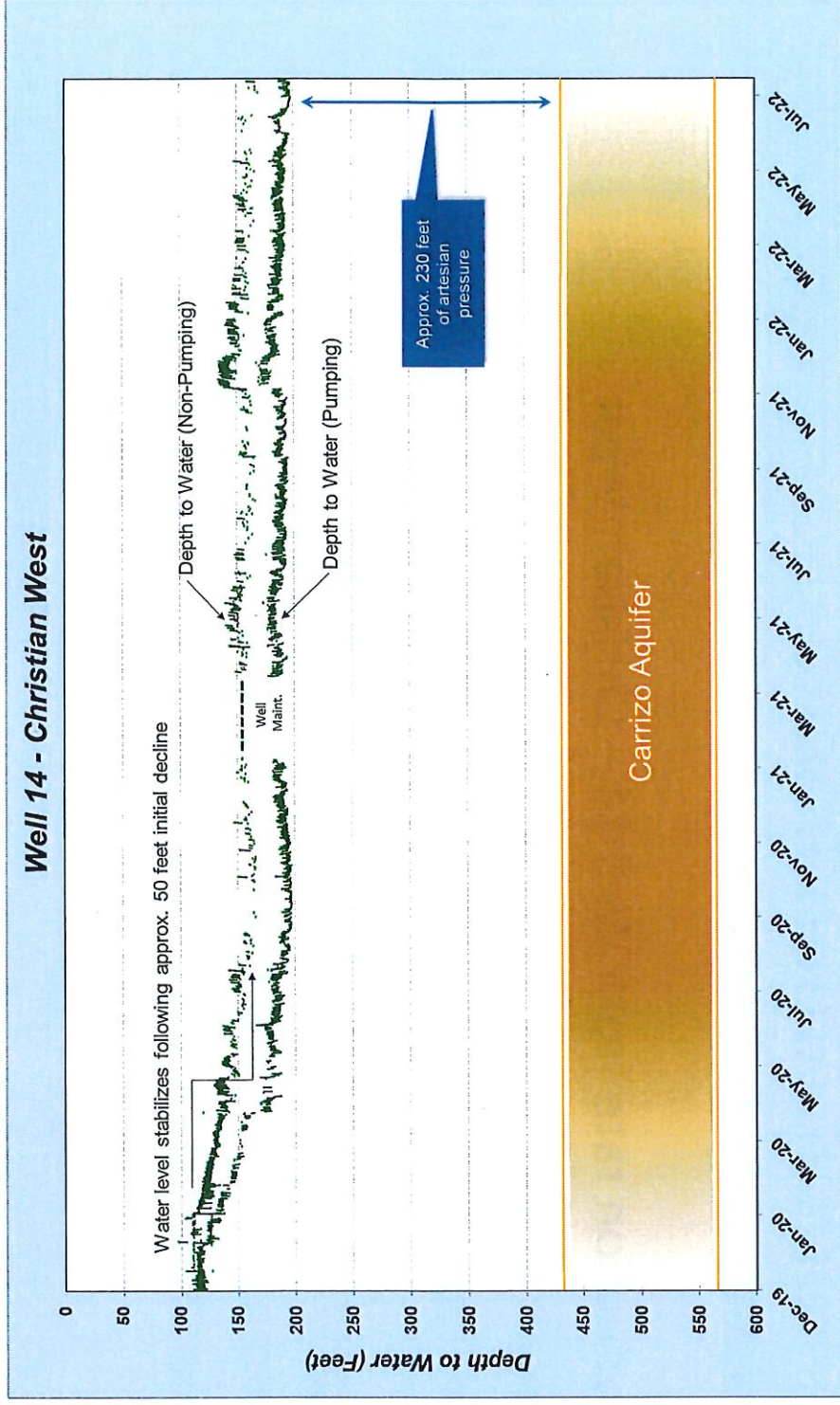
CRWA Well Field



Long-Term Monitoring



- ❖ Completed in productive portion of the Carrizo
- ❖ Causes less drawdown per gallon produced



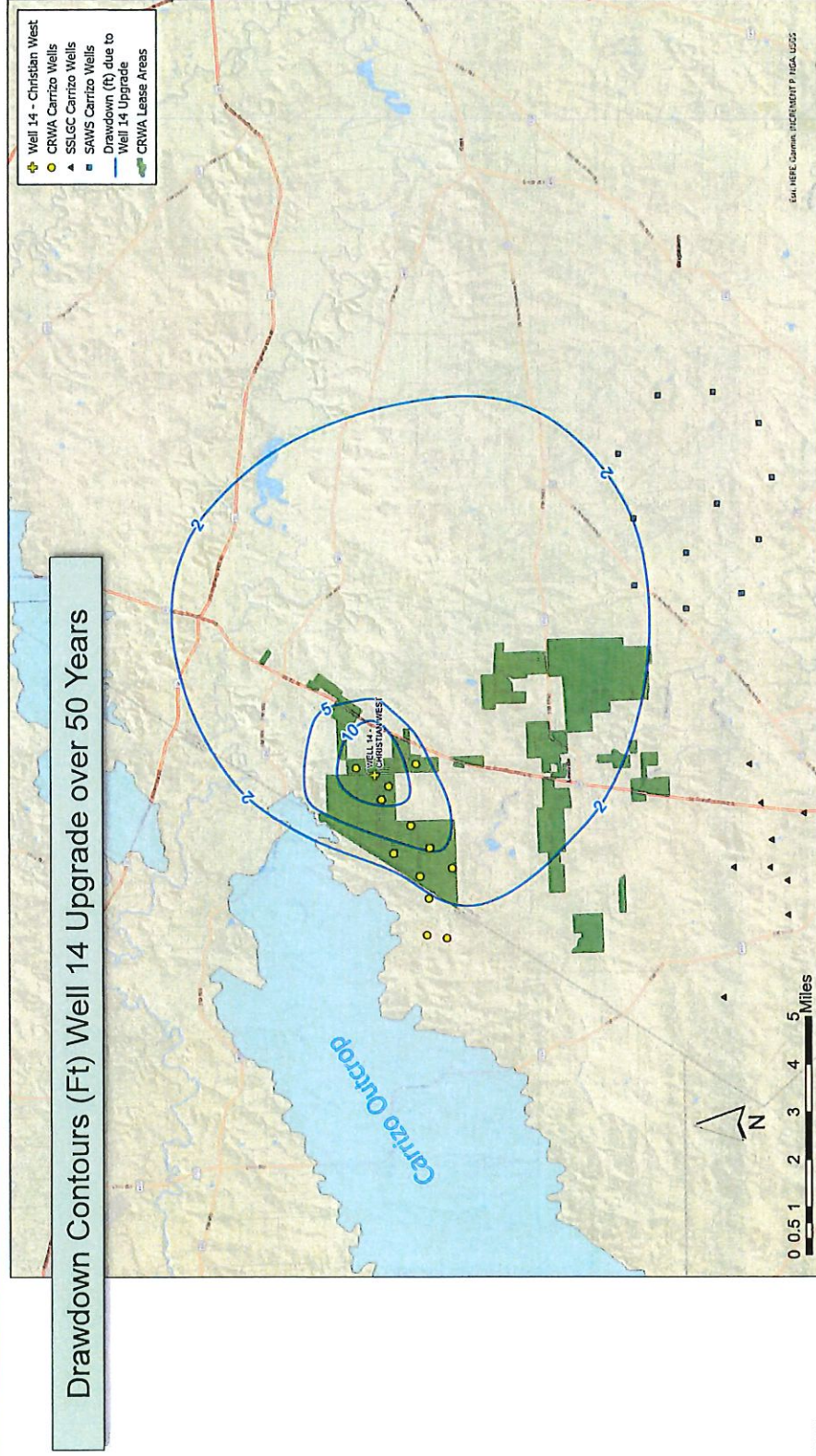
Proposed Permit Amendment



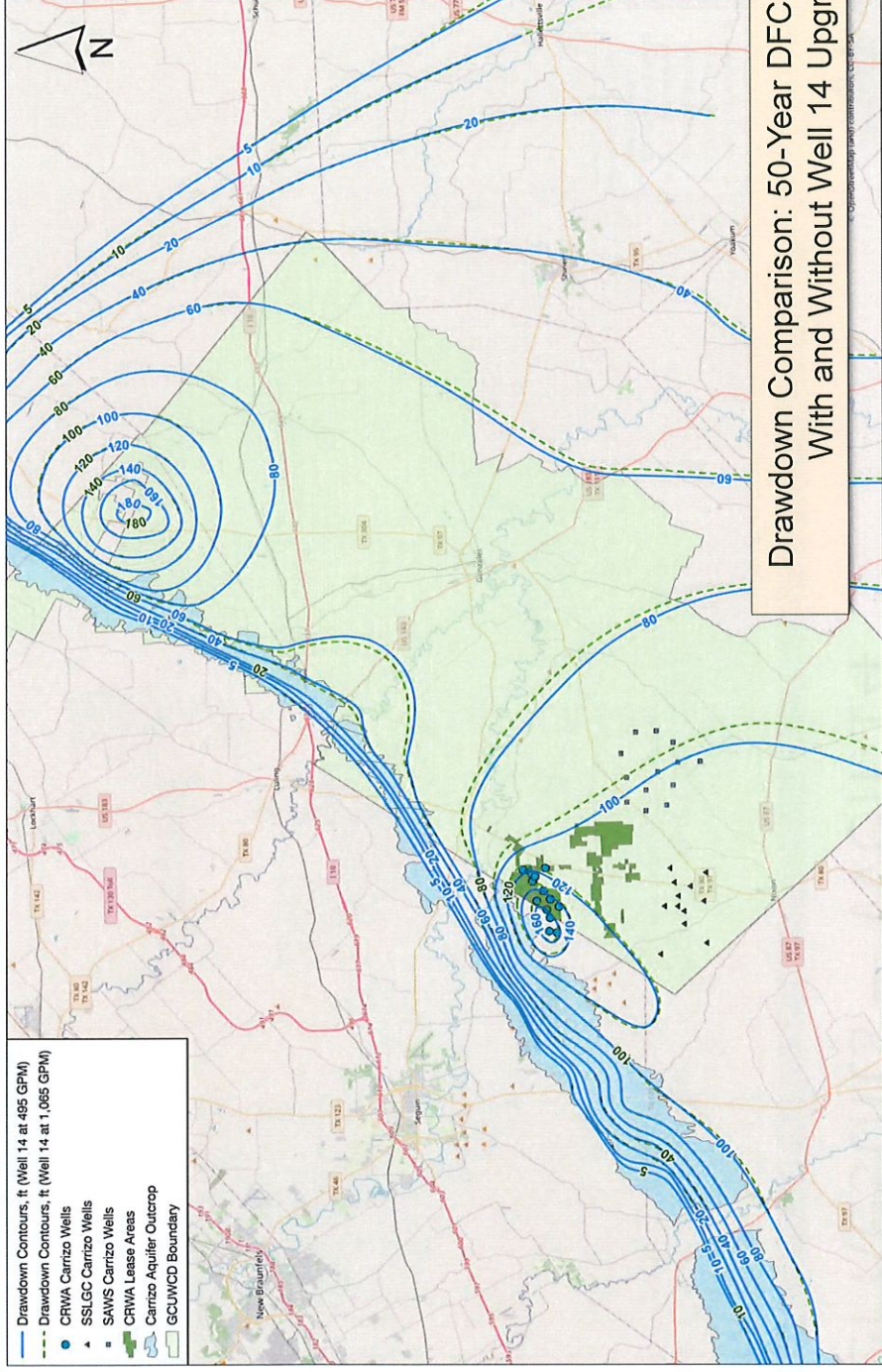
- Increase production rate from Well 14 – Christian West
 - Currently permitted for 495 gallons per minute (gpm)
 - Increase to 1,065 gpm
- Increase aggregate CRWA withdrawals by 920.05 acre-feet per year
 - Current permit allows 7,400 acre-feet per year
 - Amendment allows 8,320.05 acre-feet per year

1,065 gpm - 495 gpm = 570 gpm
570 gpm = 920.05 acre-feet per year

Model Results – Well 14



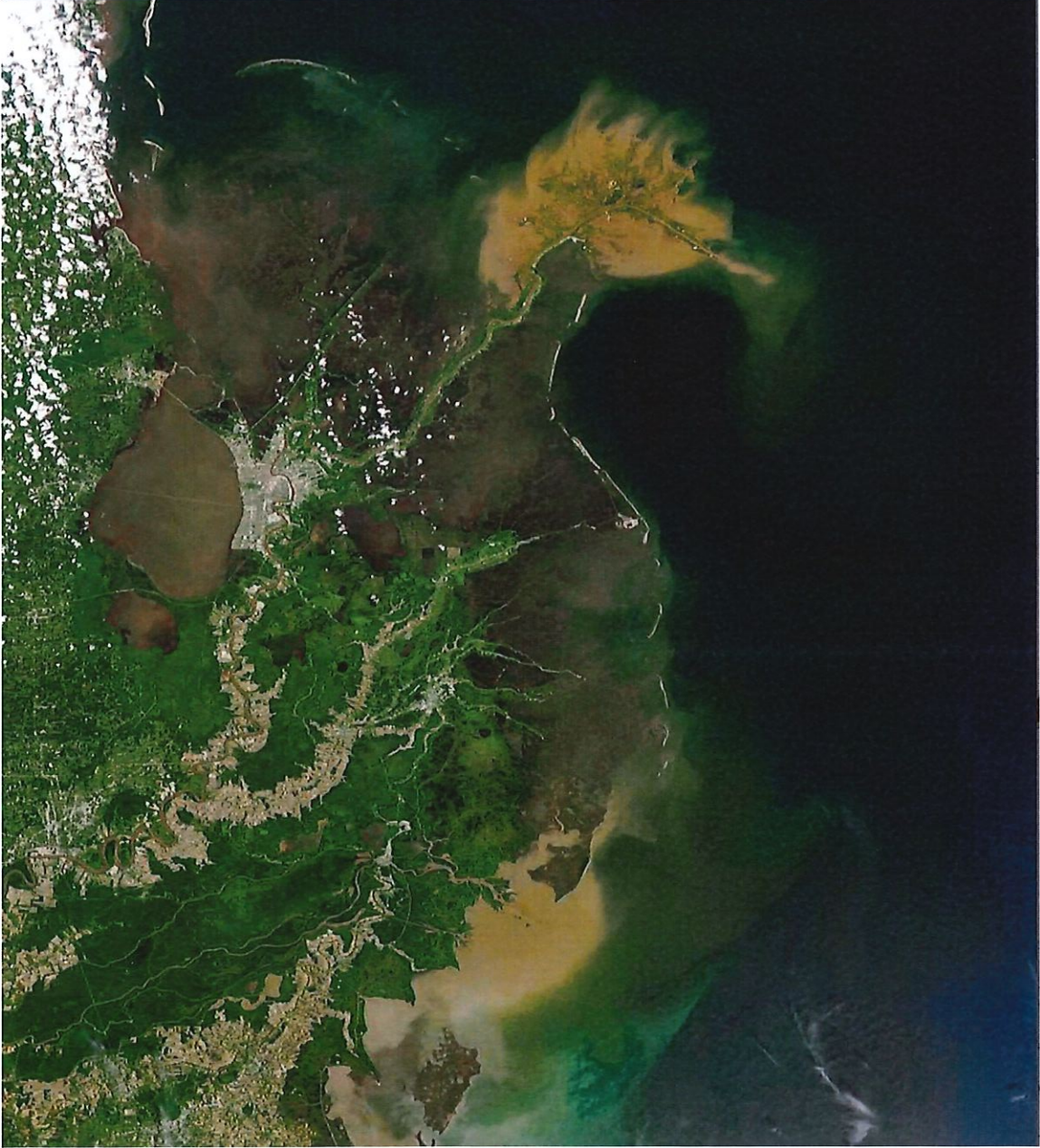
Model Results – All Pumpage



Summary



- Well 14 – Christian West is completed in a productive portion of the Carrizo and is proven to cause less drawdown per gallon produced.
- CRWA proposes to increase the Well 14 – Christian West yield from 495 gpm to 1,065 gpm. There will be no changes to the well other than a pumping equipment upgrade.
- CRWA proposes to increase the aggregate production from its wells in Gonzales County from 7,400 to 8,320.05 acre-feet per year
- The additional artesian pressure drawdown associated with the proposed amendment is relatively minor.



Questions?

Gonzales County Underground Water Conservation District

522 Saint Matthew
P.O. Box 1919
Gonzales, Texas 78629
Phone 830 672 1047

July 27, 2023

Mr. John Kaufman
General Manager
Canyon Regional Water Authority
850 Lakeside Pass
New Braunfels, Texas 78130-8233

**Re: CRWA Permit Application Amendment to
Re-Equip for One Existing CRWA Well - # 14 Christian West
Transportation Application Amendment**

Dear Mr. Kaufman:

The Gonzales County Underground Water Conservation District (GCUWCD) has determined that the above referenced permit application amendment is administratively complete effective the date of this letter. Enclosed is a Notice of Permit Application which increases the production rate for one of its existing permitted wells in the Carrizo aquifer, "Well 14 - Christian West," from 495 gallons per minute (gpm) to 1,065 gpm. The proposed pumping rate increase of 570 gpm equates to an increase in production of 920.05 acre-feet per year (ac-ft/year). Pursuant to Rule 24A of the district, the Notice includes the name of the applicant, the location of the proposed well to be amended and the existing production facility, the proposed use, the requested amount of groundwater in the permit applications, and the route of the transportation pipeline. The Notice also references the applicable rules of the District as they apply to this matter and will allow a thirty (30) day comment period and/or the same 30-day period for persons to request a contested case hearing in the case of a person with justiciable interest.

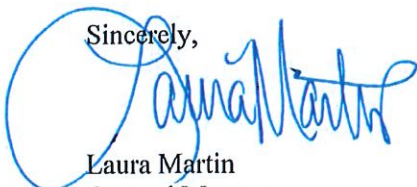
Pursuant to Rule 24.A, CRWA must publish this Notice at the earliest available publication date of the Gonzales Inquirer and the Lockhart Post Register after receipt of the Notice from the General Manager.

Pursuant to Rule 24.A, CRWA must mail the Notice to adjacent landowners and well owners designated in Rules 10.D.10 and 10.D.11 within seven (7) days of CRWA's receipt of this notice from the General Manager. The GCUWCD has attached a form letter that can be used for this purpose.

Pursuant to Rule 24.A, CRWA must provide the District evidence of newspaper publication and mailed notice to landowners within twenty-one (21) days of CRWA's receipt of this Notice from the General Manager.

If you have any further questions about this matter, please do not hesitate to contact me by telephone at 830-672-1047 or by e-mail at generalmanager@gcuwcd.org.

Sincerely,



Laura Martin
General Manager
Gonzales County UWCD

Enclosures: Sample Letter to Adjacent Landowners

Bruce Ticken
President

Kermit Thiele
Vice-President

Barry Miller
Secretary

Mark Ainsworth
Director

Mike St. John
Director

Memorandum

To: Laura Martin, General Manager
Gonzales County Underground Water Conservation District

Date: July 3, 2023

From: Neil Blandford, PG and Todd Umstot

Subject: Review of Groundwater Modeling for the CRWA Permit Amendment Applications

Canyon Regional Water Authority (CRWA) holds Aggregate Operating Permit No. 11-16-01 and Export Permit No. 11-09-01 with the Gonzales County Underground Water Conservation District (GCUWCD) for the production and transport of 7,400 acre-feet per year (ac-ft/yr) of Carrizo Aquifer water. The CRWA well field is located in southwestern Gonzales County and southeastern Guadalupe County (Figure 1). The well field consists of 13 existing wells and 1 proposed well at the CRWD Water Treatment Plant; 10 of the existing wells are in GCUWCD.

CRWA filed applications to amend their existing permits to increase the production and export amount from CRWA Well 14 - Christian West from 495 gallons per minute (gpm) to 1,065 gpm. The pumping rate increase of 570 gpm equates to an increase in production of 920.05 ac-ft/yr assuming 100 percent runtime for the well. If the permit amendments are approved, CRWA's total annual production and transport rights would increase from 7,400 ac-ft/year to 8,320.05 ac-ft/yr.

GCUWCD asked Daniel B. Stephens & Associates, Inc. (DBS&A) to review the groundwater modeling results submitted with the CRWA permit amendment applications. The results of our review are provided in this memorandum.

Drawdown Due to the Requested Increase in Pumping

The groundwater modeling results provided with the CRWA applications were developed by R.W. Harden & Associates, Inc. (Harden) using the groundwater availability model (GAM) for the southern part of the Carrizo-Wilcox, Queen City, and Sparta Aquifers (Deeds et al., 2003; Kelly et al., 2004). Groundwater modeling results were provided as the net effect of the proposed increase in groundwater pumping and the overall effects relative to the Groundwater Management Area 13 desired future conditions and modeled available groundwater (DFC/MAG). The DFC/MAG simulations are documented in LRE Water (2022), Groundwater Management Area 13 Joint Planning Committee (2022), and Wade (2022). The net drawdown is

the amount of water level decline in the Carrizo Aquifer due to the increased pumping amount only (i.e., 570 gpm, or 920.05 ac-ft/yr), and the DFC/MAG simulation considered the increased drawdown due to the CRWA applications relative to the effects of all future pumping in and adjacent to GCUWCD.

Net Drawdown

The simulated net effects of increased CRWA Carrizo Aquifer pumping of 920.05 ac-ft/yr at 25 and 50 years are shown in Figures 2 and 3, respectively. The maximum simulated drawdown exceeds 5 feet at 25 years (Figure 2) and 10 feet at 50 years (Figure 3) over a limited region at the CRWA well field. The simulated drawdown provided in Figures 2 and 3 was generated using model files provided by Harden. The model files were confirmed to be the same as the DFC/MAG model files, except that the CRWA pumping file was modified by Harden for the period 2012 through 2022 based on CRWA metered values. In addition, Harden adjusted CRWA pumping amounts for the predictive simulation period 2023 through 2080 to better reflect anticipated CRWA pumping in Gonzales and Guadalupe Counties.

The drawdown presented in Figures 2 and 3 is consistent with the drawdown provided by Harden in two figures submitted with the permit amendment applications. Differences in the contours between Figures 2 and 3 and the Harden figures are due to differences in contouring methods. It should be noted that the title of the Harden figures lists a pumping rate of 1,065 gpm (the total applied for pumping amount from Well 14), but the drawdown contours presented are due to a pumping amount of 570 gpm only (the amount of the requested pumping increase).

Drawdown Due to All Pumping

The DFC/MAG simulation considers the increased drawdown due to the CRWA applications relative to the effects of all future pumping simulated in the GAM. This calculation was made by running the DFC/MAG predictive simulation without the increased pumping due to CRWA, and then running the same simulation with the increased CRWA pumping of 920.05 ac-ft/yr. The results are then provided in terms of the increase in average drawdown across the GCUWCD due to the CRWA applications as of 2080, which is the last year of the DFC/MAG predictive simulation.

The average simulated Carrizo Aquifer drawdown simulated in the original DFC/MAG run (Wade, 2022) is 127.3 feet, nearly identical to the value of 127.2 feet provided in the CRWA applications.

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The average increase in simulated drawdown across the GCUWCD attributable to the CRWA applications is 0.5 foot at 2080. In this simulation, it was observed that a Carrizo Aquifer model cell that includes two CRWA wells (Well 5 - Littlefield and Well 13 - Bond West) goes dry during the simulation, and assigned pumping for these wells is not simulated at the end of the predictive simulation period. The cell that goes dry is model layer 5, row 62, column 174 (L5, R62, C174). This model cell and other Carrizo Aquifer cells that go dry in the DFC/MAG simulation are shown in Figure 4, along with the assigned pumping for each model cell as of 2080.

The same calculation was made using the same Harden baseline pumping file used to calculate the net drawdown; this file has updated pumping at CRWA wells only. For this scenario, the average increased drawdown across the GCUWCD at 2080 is 1.25 feet. Figure 5 shows the dry cells as of 2080 and the assigned pumping for each model cell for the Harden baseline predictive simulation. Comparison of Figures 4 and 5 shows the differences in assigned CRWA pumping between the original DFC/MAG well field and the Harden updated baseline well file.

It is unclear why the results of the calculation conducted using the DFC/MAG pumping file is less than that obtained using the Harden baseline pumping file. At earlier times in the simulation (between 2060 and 2070), the average increased drawdown is nearly 1 foot in the DFC/MAG simulation. We suspect the difference is due to non-linear aspects of the simulation and flaws in the resaturation package used in the simulations, but further investigation of this issue related to the CRWA applications is not a good use of GCUWCD resources.

Increased Pumping Amount in the Applications

The increased pumping of 920.05 ac-ft/yr (570 gpm) at Well 14 in the CRWA applications assumes 100 percent runtime. In reality, the well cannot be operated 100 percent of the time over extended periods of time. A typical well operational time over the course of a year might be 60 or 70 percent. Simulated drawdown due to the requested increase in pumping is therefore overestimated in the simulations presented above because the long-term extraction rate will necessarily be less than the rate used in the modeling.

Conclusions

Our conclusions are as follows:

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- The simulated net Carrizo Aquifer drawdown provided in the CRWA applications is correct, and is a maximum of a little more than 10 feet at 50 years (year 2072) over a small region. Drawdown amounts and extents are reproduced as Figures 2 and 3.
- The average increased drawdown across the GCUWCD as of 2080 is 0.5 foot for the DFC/MAG model run and 1.25 feet for the run that used the updated Harden baseline pumping file. The simulation that used the Harden baseline pumping file is believed to be the more accurate of the two simulations.

References

Deeds, N., V. Kelley, D. Fryar, T. Jones, A.J. Whallon, and K.E. Dean. 2003. *Groundwater availability model for the southern Carrizo-Wilcox Aquifer*. Contract report to the Texas Water Development Board.

Groundwater Management Area 13 Joint Planning Committee. 2022. *2021 Joint planning desired future conditions explanatory report*. Prepared with technical assistance by Jordan Furnans and Michael Keester. LRE Water. January 14, 2022.

Kelley, V.A., N.E. Deeds, D.G. Fryar, and J.P. Nicot. 2004. *Groundwater availability models for the Queen City and Sparta aquifers*. Contract report to the Texas Water Development Board.

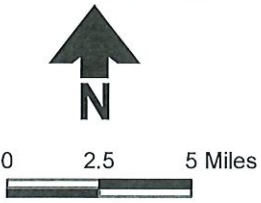
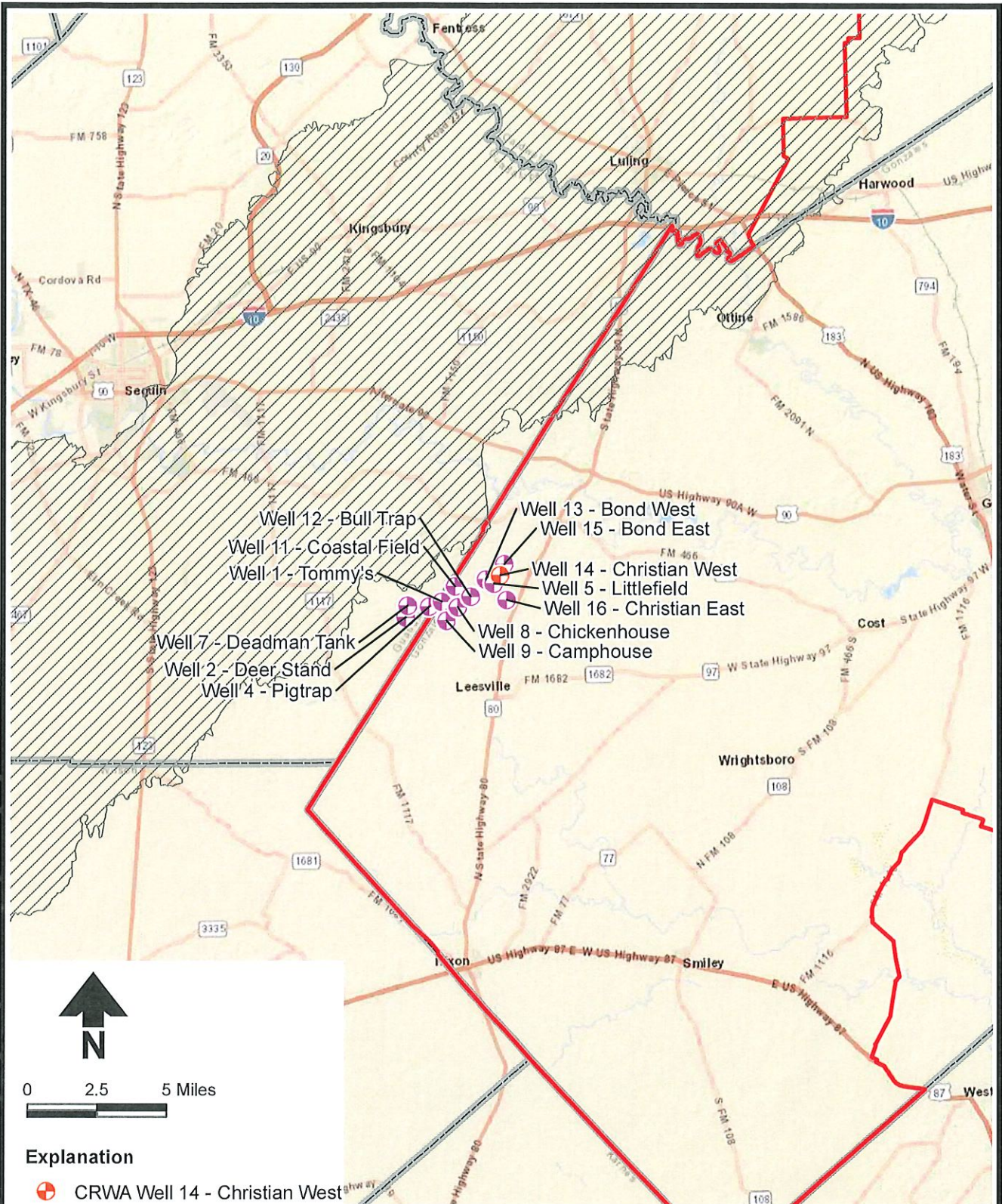
LRE Water. 2022. Technical memorandum from Jordan Furnans to Groundwater Management Area 13 regarding Groundwater availability modeling technical elements. January 14, 2022.

Wade, S.C. 2022. *GAM Run 21-018 MAG: Modeled available groundwater for the Carrizo-Wilcox, Queen City, Sparta, and Yegua-Jackson aquifers in Groundwater Management Area 13*. Texas Water Development Board Groundwater Division. July 25, 2022.





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Figures

Q:\PROJECTS\GONZALES COUNTY_UWCD\B23.1146 CRWA_PERMIT_APP\GIS\MXD\JULY3 2023\FIG01_SITE_MAP.MXD



Explanation

-  CRWA Well 14 - Christian West
-  Other CRWA well
-  Carrizzo - Wilcox outcrop
-  Gonzales County UWCD

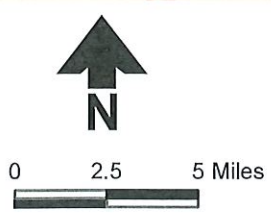
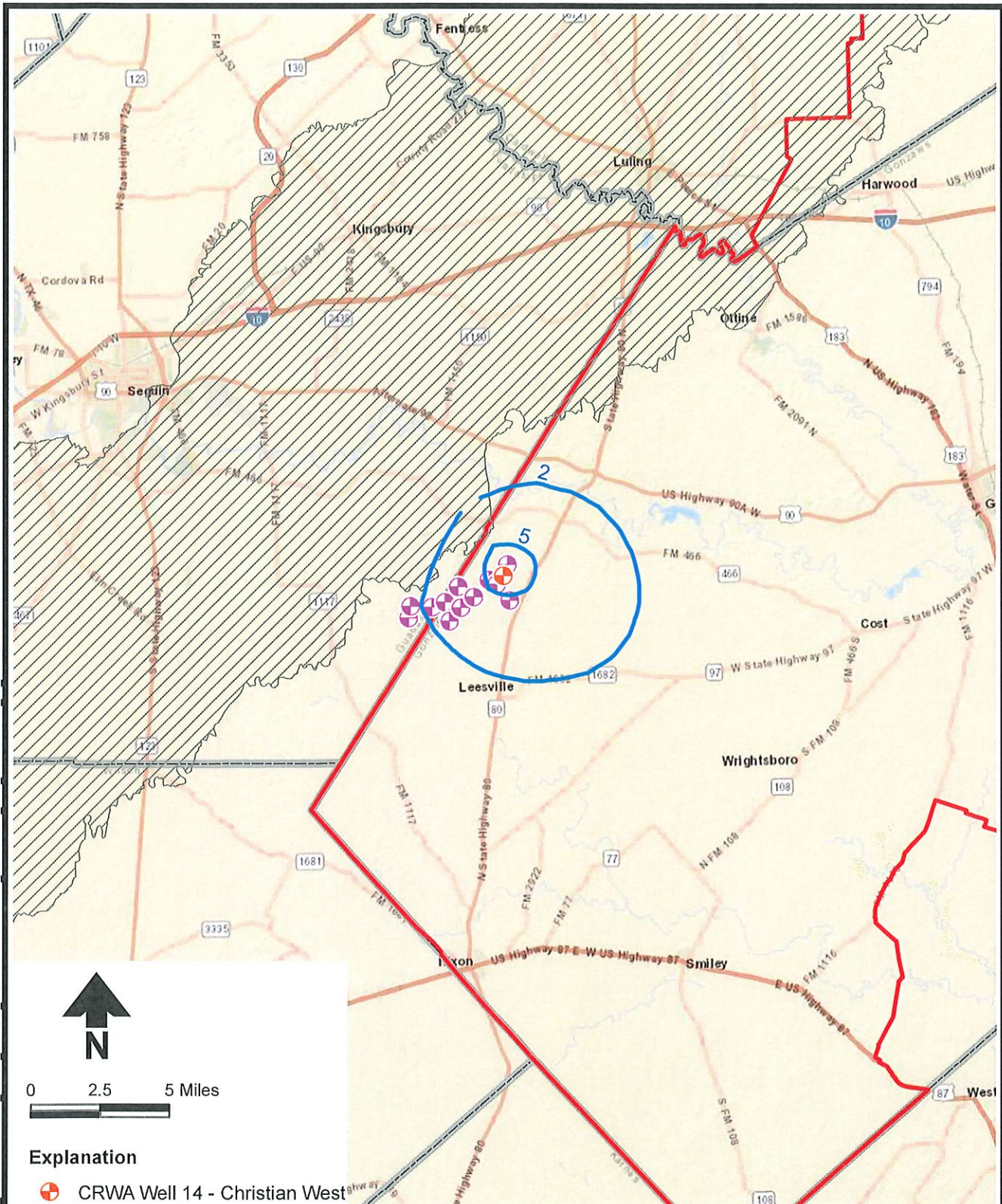
Basemap: ESRI et al.



CRWA PERMIT APPLICATIONS
 GONZALES COUNTY UWCD
CRWA Well Location Map

Figure 1

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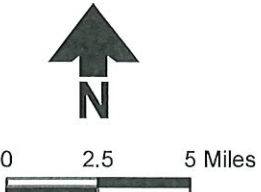
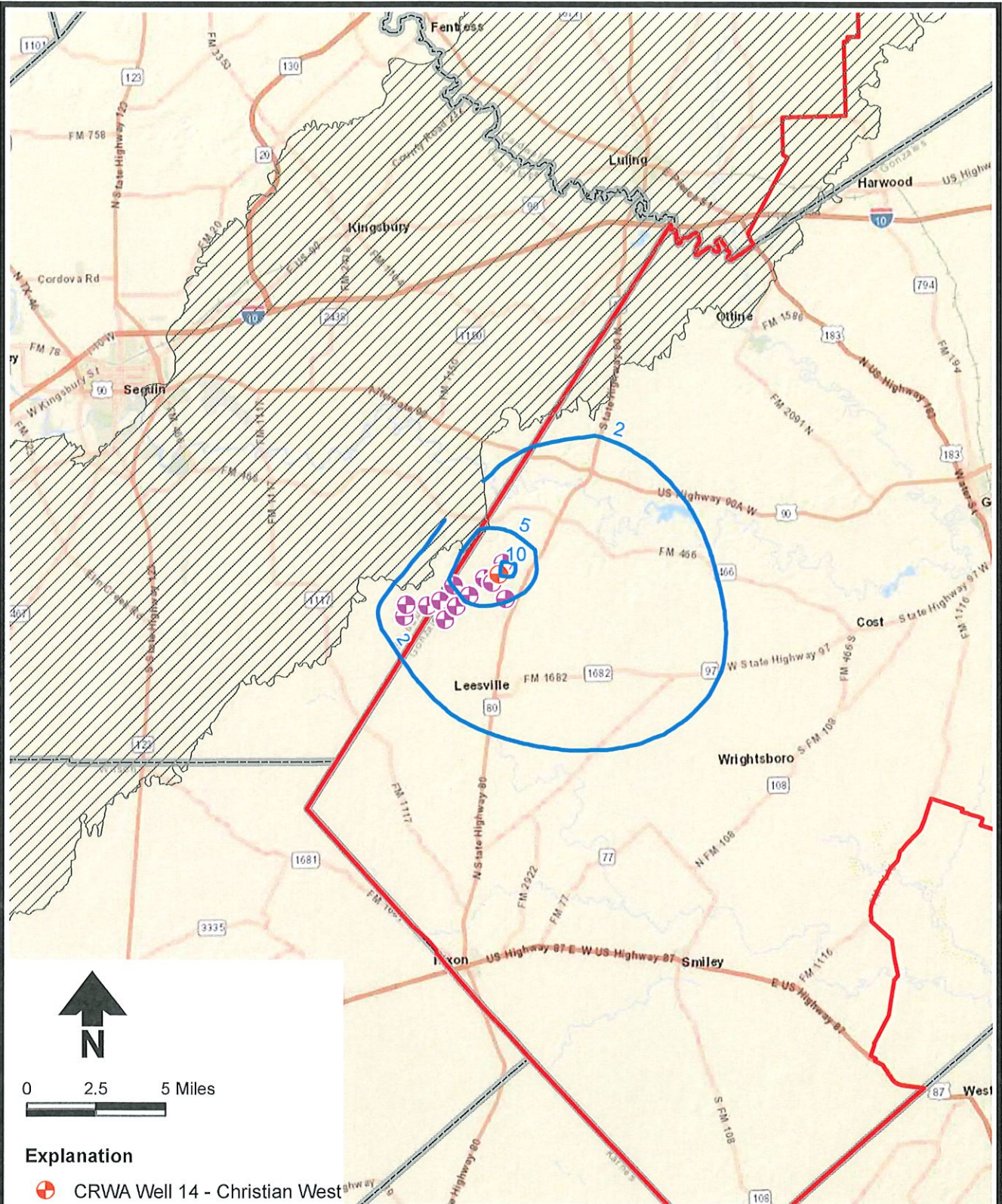
- Explanation**
- CRWA Well 14 - Christian West
 - Other CRWA well
 - Simulated drawdown (feet)
 - Carrizzo - Wilcox outcrop
 - Gonzales County UWCD

Basemap: ESRI et al.

CRWA PERMIT APPLICATIONS
GONZALES COUNTY UWCD
**Net Drawdown Due to CRWA
Applications at 25 Years (2023-2047)**

Figure 2

Q:\PROJECTS\GONZALES COUNTY_UWCD\B23.1146_CRWA_PERMIT_APP\GIS\WXDS\JULY3_2023\FIG03.NET_DRAWDOWN_50_YEARS.MXD



Explanation

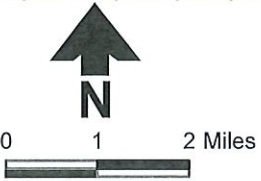
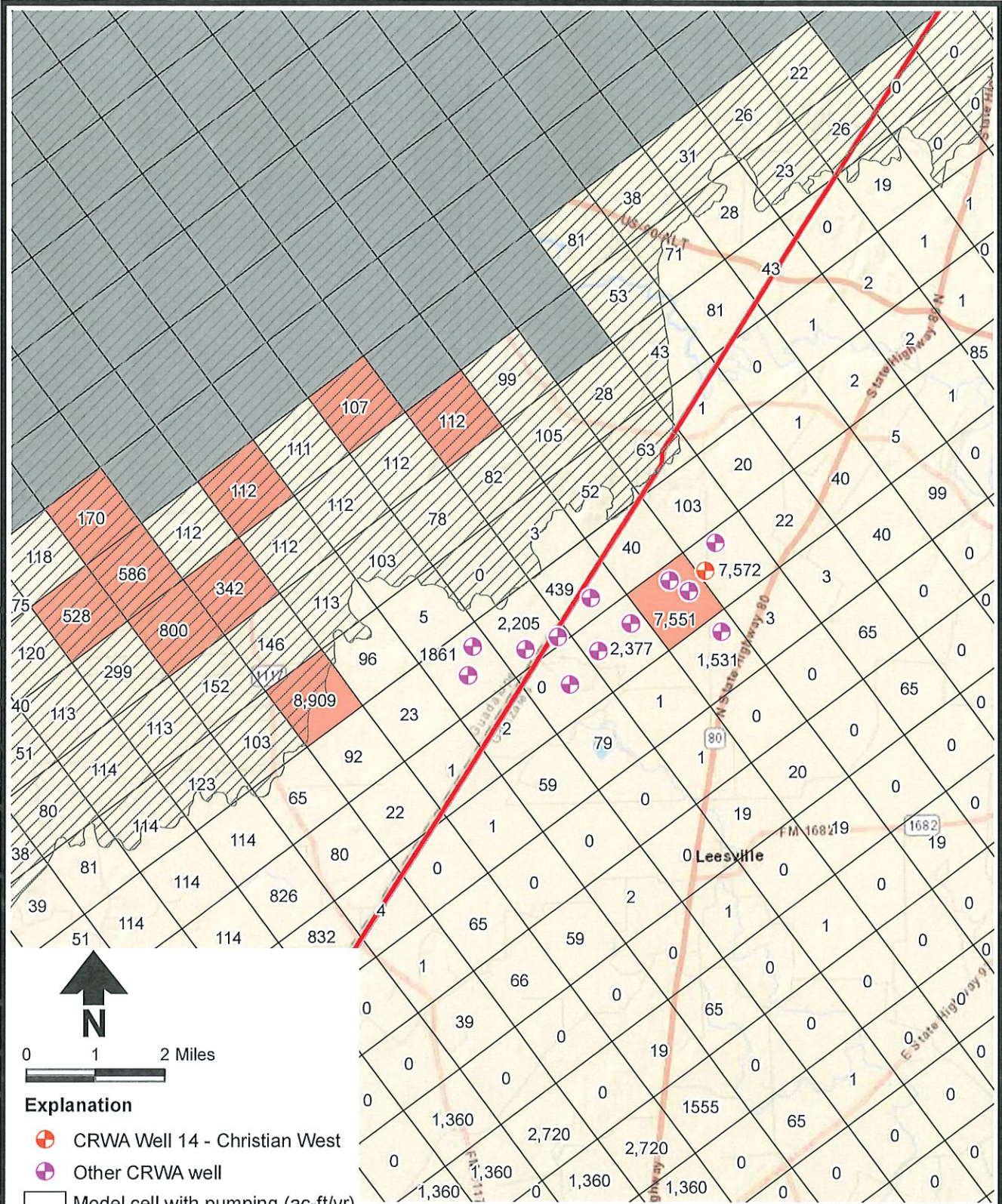
- CRWA Well 14 - Christian West
- Other CRWA well
- Simulated drawdown (feet)
- Carrizzo - Wilcox outcrop
- Gonzales County UWCD

Basemap: ESRI et al.

CRWA PERMIT APPLICATIONS
GONZALES COUNTY UWCD
**Net Drawdown Due to CRWA
Applications at 50 Years (2023-2072)**

Figure 3

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Explanation

- CRWA Well 14 - Christian West
- Other CRWA well
- Model cell with pumping (ac-ft/yr)
- Dry model cell
- No-flow model cell
- Carrizzo - Wilcox outcrop
- Gonzales County UWCD

Aerial Photograph: ESRI et al.

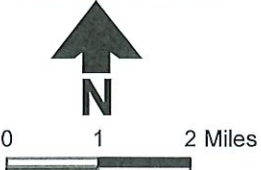
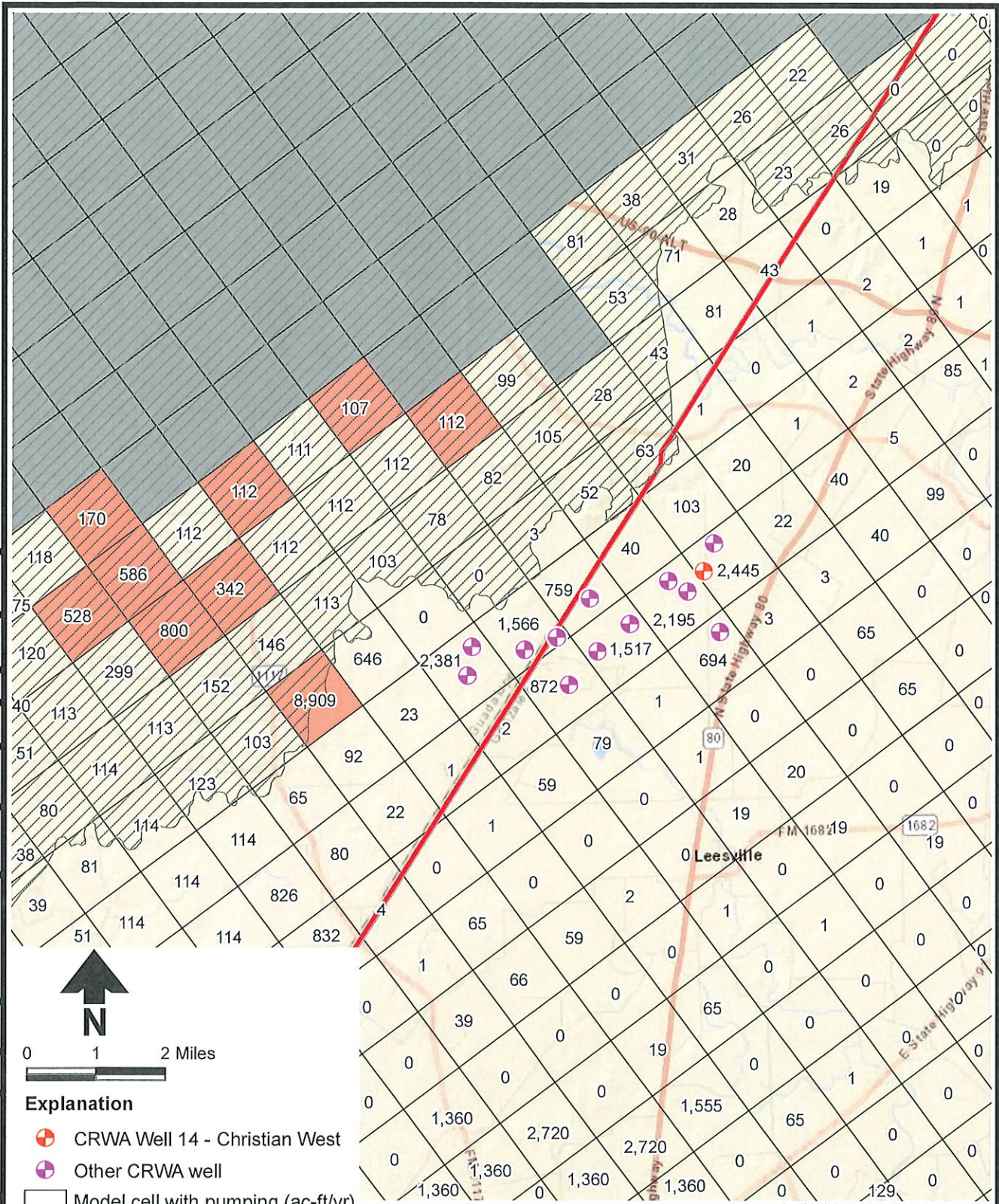
CRWA PERMIT APPLICATIONS
GONZALES COUNTY UWCD

Carrizo Aquifer Pumping Rates and Dry Cells as of 2080, TWDB DFC/MAG Simulation



Figure 4

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Explanation

- CRWA Well 14 - Christian West
- Other CRWA well
- Model cell with pumping (ac-ft/yr)
- Dry model cell
- No-flow model cell
- Carrizzo - Wilcox outcrop
- Gonzales County UWCD

Aerial Photograph: ESRI et al.

CRWA PERMIT APPLICATIONS
GONZALES COUNTY UWCD

**Carrizo Aquifer Pumping Rates and
Dry Cells as of 2080, Harden Baseline Simulation**



7/3/2023

Figure 5

General Manager

From: General Manager
Sent: Tuesday, August 29, 2023 12:44 PM
To: Haley Stakes
Subject: RE: David from CRWA/static water level readings

I spoke with him. Thank you.

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: Haley Stakes <admin@gcuwcd.org>
Date: 8/29/23 11:42 AM (GMT-06:00)
To: General Manager <generalmanager@gcuwcd.org>
Subject: David from CRWA/static water level readings

Laura,

David with CRWA contacted me about wells that were supposed to be turned off to get a static water level reading . He called me this morning to let me know that it cannot be done, being that they are public supply wells. I told him that if the District needed the reading we would have to get the static readings. He asked if he could have your phone number so he could speak with you. I did provide your cellphone number to him.

David: **CRWA** : 512-581-8544

Please let me know if you need anything from me on this matter. 😊

Thank you,

Haley Stakes
Administrative Assistant
Gonzales County UWCD
522 Saint Matthew St.
P.O. Box 1919
Gonzales, TX 78629
830.672.1047
www.gcuwcd.org