



THORNHILL GROUP, INC.

Professional Hydrogeologists • Water Resources Specialists

March 17, 2024

Mr. Alan M. Day, General Manager
Brazos Valley Groundwater Conservation District
112 West 3rd Street
Hearne, Texas 77859

(via e-mail: aday@brazosvalleygcd.org)

Re: Transport Permit Application with Modified and Supplemented Documentation
for Simsboro Aquifer Groundwater - Submitted to the Brazos Valley
Groundwater Conservation District
On Behalf of L. Wiese Moore, LLC and UWBVF (Co-Applicants)
Robertson County, Texas

Dear Mr. Day:

As requested, Thornhill Group, Inc. (TGI) submits to you and the Members of the Board of the Brazos Valley Groundwater Conservation District (BVGCD), a link to a digital document compiling the appropriate components of the original application with all modifications and supplements to the Transport Permit Application package submitted on January 14, 2024. The document is available for download at the link provided in the accompanying e-mail and includes:

- ❖ Attachment A – BVGCD Transport Permit Application Forms
- ❖ Attachment B – Well Locations and Information
- ❖ Attachment C – Section IV Plans and Supplemental Information Per BVGCD Rules Adopted on September 14, 2023
- ❖ Attachment D – Affidavits of Legal Rights
- ❖ Attachment E – Hydrogeologic Evaluation Report

TGI, on behalf of Co-Applicants, respectfully requests that the staff and Board of Directors of the BVGCD review and approve the Transport Permit Application, as modified. If you have any questions, please contact me by telephone at (512) 244-2172 or via e-mail at mthornhill@tgi-water.com. Thank you very much for your consideration.



The seal appearing on this document was authorized
by Michael R. Thornhill, P.G. on March 17, 2024.

Sincerely,
THORNHILL GROUP, INC.

Michael R. Thornhill, P.G.
President

Attachments

1106 South Mays Street, Suite 100 • Round Rock, Texas 78664
(512) 244-2172 • E-mail: consult@tgi-water.com
Licensed with the Texas Board of Professional Geoscientists (License Number: 50346)



Attachment A – BVGCD Transport Permit Application Form



BRAZOS VALLEY GROUNDWATER CONSERVATION DISTRICT

P.O. Box 528 · HEARNE, TX 77859 · (979)279-9350 · FAX: (979)279-0035
WWW.BRAZOSVALLEYGCD.ORG

Transport Permit Application

For District Use Only:

Application Date

Temporary Permit Number

SECTION I – APPLICANT

Name of Applicant: L. Wiese Moore, LLC

Contact Person: Laura Wiese Moore

Mailing Address: 2208 Churchill Loop

City Grapevine TX Zip 76051

Phone Number (913) 486-3168

SECTION II – NATURE AND PURPOSE FOR GROUNDWATER USAGE

State the proposed nature and purpose and list proposed usage of groundwater produced from wells and the amount of usage

Nature and purpose: See Attachment C

Use See Attachment C Amount Used See Attachment C acre-feet/year

Use _____ Amount Used _____ acre-feet/year

Use _____ Amount Used _____ acre-feet/year

Total Amount to be used _____ acre-feet/year

Location of Water Usage See Attachment C

Total Proposed Amount of Water to Be Transported Annually: 4,452 acre feet



BRAZOS VALLEY GROUNDWATER CONSERVATION DISTRICT

P.O. Box 528 · HEARNE, TX 77859 · (979)279-9350 · FAX: (979)279-0035
WWW.BRAZOSVALLEYGCD.ORG

SECTION III – WELL INFORMATION

Please provide information for each well which will be used to provide groundwater for this permit. If more entries are needed please attach an amendment sheet to this form.

BVGCD Well Number: BVDO-0401, BVDO-0402,

Landowner Name L. Wiese Moore, LLC

Mailing Address 2208 Churchill Loop

City Grapevine **State** Texas **Zip** 76051

Location of well: Latitude See attached Table A **Longitude** See attached Table A

Description of physical location _____

Date Drilled: To be drilled 2024 **Driller's Name & Lic. #:** TBD

What is the known or proposed total depth of the well? See attached Table B **feet**

What is the known or proposed screened interval of the well? TBD **feet**

What is the known or proposed capacity of the well? See attached Table A **gpm**

What aquifer will the well be producing from? Simsboro

Request for Well to be Aggregate with other wells? Yes No **If yes, list wells:**

All wells included in this application to be aggregated together



BRAZOS VALLEY GROUNDWATER CONSERVATION DISTRICT

P.O. Box 528 · HEARNE, TX 77859 · (979)279-9350 · FAX: (979)279-0035
WWW.BRAZOSVALLEYGCD.ORG

SECTION IV – PLANS

Indicate the anticipated time within which any proposed construction or alteration of the transport facilities is to begin: From See Attachment C to _____

Description of the facilities to be used for transportation of water: See Attachment C

State the presently anticipated duration for the proposed transport of groundwater:

From See Attachment C to _____

Availability of feasible and practicable alternative supplies to the applicant See Attachment C

The projected effect of the proposed groundwater transport on aquifer conditions, depletion, subsidence, or effects on existing permit holders or other groundwater users within the District, including the Rule 8.4 information and studies and any proposed plan of the applicant to mitigate adverse hydrogeological impacts of the proposed transport of water from the District.

See Attachment C

Indicate the following items (Rule 8.4) are attached:

Groundwater Conservation Plan Yes _____

OR X I declare that I will comply with the District's Management Plan

Drought Contingency Plan Yes _____

OR X I declare that I will comply with the District's Drought Contingency Plan

Well Closure Plan Yes _____

OR X I declare that I will comply with the District's Well Plugging Guidelines

Evidence Providing Legal Authority to Produce Groundwater Yes X No _____

Evaluation Report Yes X No _____



BRAZOS VALLEY GROUNDWATER CONSERVATION DISTRICT

P.O. Box 528 · HEARNE, TX 77859 · (979)279-9350 · FAX: (979)279-0035
WWW.BRAZOSVALLEYGCD.ORG

SECTION V – DECLARATIONS

The Applicant agrees to the following conditions:

I agree to avoid waste and achieve water conservation.

I agree that reasonable diligence will be used to protect groundwater quality

I agree that well plugging guidelines will be followed at the time of well closure

SECTION VI – AFFIRMATION AND EXECUTION

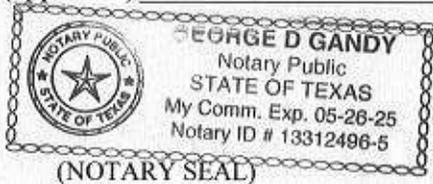
I certify that all statements and information in this application are true and correct.

Laura Wise Moore
Signature of Applicant

THE STATE OF TEXAS
COUNTY OF Tarrant

This instrument was acknowledged before me on (date) 1/12/2024

By (applicant) Laura Wise Moore



[Signature]
Notary Signature

Can be notarized in the presence of any Notary of your choice. We have a Notary at the BVGCD Office.

Applicant Certification

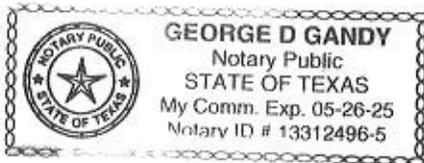
I certify on behalf of Applicant **L. Wiese Moore, LLC**, that Applicant is requesting the modification of its transport permit application per the attached package, including the addition of UW Brazos Valley Farm LLC as Co-Applicant to be co-permittee, specifying that the application is to transport such groundwater as part of the UWBVF Project (as defined in Attachment C), and specifying the aggregate proposed amount of water to be transported annually as 100,000 acre-feet per year.

L. Wiese Moore, LLC

Signed *Laura Wiese Moore*
**Laura Wiese Moore, Authorized
representative of L. Wiese Moore, LLC**

SWORN AND SUBSCRIBED to before me on this the 12th day of March, 2021.

(Notary Seal)



G. D. Gandy
Notary Public in and for the State of Texas
My Commission Expires: 5-26-25



BRAZOS VALLEY GROUNDWATER CONSERVATION DISTRICT

P.O. Box 528 · HEARNE, TX 77859 · (979)279-9350 · FAX: (979)279-0035
WWW.BRAZOSVALLEYGCD.ORG

Transport Permit Application

For District Use Only:

Application Date

Temporary Permit Number

Addition of Co-Applicant and Modification of Aggregate Proposed Amount of Water to Be Transported Annually

SECTION I – APPLICANT

Name of Applicant: UW Brazos Valley Farm LLC (Co-Applicant)

Contact Person: David L. Lynch

Mailing Address: 7670 Woodway Drive, Suite 200

City Houston State Texas Zip 77063

Phone Number (646) 961-3272

SECTION II – NATURE AND PURPOSE FOR GROUNDWATER USAGE

State the proposed nature and purpose and list proposed usage of groundwater produced from wells and the amount of usage

Nature and purpose: See Applicant Form

Use See Attachment C Amount Used _____ acre-feet/year

Use _____ Amount Used _____ acre-feet/year

Use _____ Amount Used _____ acre-feet/year

Total Amount to be used _____ acre-feet/year

Location of Water Usage _____

Total Proposed Amount of Water to Be Transported Annually: _____* _____ acre feet

***Up to 4,452 acre-feet per year as part of the UWBFV Project (defined in Att. C). The aggregated total groundwater authorized for transport out of the District from all District-authorized wells included in the UWBFV Project shall be limited to 100,000 acre-feet per year in the aggregate.**



BRAZOS VALLEY GROUNDWATER CONSERVATION DISTRICT

P.O. Box 528 · HEARNE, TX 77859 · (979)279-9350 · FAX: (979)279-0035
WWW.BRAZOSVALLEYGCD.ORG

SECTION III – WELL INFORMATION

Please provide information for each well which will be used to provide groundwater for this permit.
If more entries are needed please attach an amendment sheet to this form.

BVGCD Well Number: <u>See Applicant Form</u>
Landowner Name _____
Mailing Address _____
City _____ State _____ Zip _____
Location of well: Latitude _____ Longitude _____
Description of physical location _____
Date Drilled: _____ Driller's Name & Lic. #: _____
What is the known or proposed total depth of the well? _____ feet
What is the known or proposed screened interval of the well? _____ feet
What is the known or proposed capacity of the well? _____ gpm
What aquifer will the well be producing from? _____
Request for Well to be Aggregate with other wells? Yes ___ No ___ If yes, list wells: _____ _____ _____



BRAZOS VALLEY GROUNDWATER CONSERVATION DISTRICT

P.O. Box 528 · HEARNE, TX 77859 · (979)279-9350 · FAX: (979)279-0035
WWW.BRAZOSVALLEYGCD.ORG

SECTION IV – PLANS

[See Applicant Form and Appendix C](#)

Indicate the anticipated time within which any proposed construction or alteration of the transport facilities is to begin: From _____ to _____

Description of the facilities to be used for transportation of water: _____

State the presently anticipated duration for the proposed transport of groundwater:

From _____ to _____

Availability of feasible and practicable alternative supplies to the applicant _____

The projected effect of the proposed groundwater transport on aquifer conditions, depletion, subsidence, or effects on existing permit holders or other groundwater users within the District, including the Rule 8.4 information and studies and any proposed plan of the applicant to mitigate adverse hydrogeological impacts of the proposed transport of water from the District.

Indicate the following items (Rule 8.4) are attached:

Groundwater Conservation Plan Yes _____

OR I declare that I will comply with the District's Management Plan

Drought Contingency Plan Yes _____

OR I declare that I will comply with the District's Drought Contingency Plan

Well Closure Plan Yes _____

OR I declare that I will comply with the District's Well Plugging Guidelines

Evidence Providing Legal Authority to Produce Groundwater Yes No _____

Evaluation Report Yes No _____



BRAZOS VALLEY GROUNDWATER CONSERVATION DISTRICT

P.O. BOX 528 · HEARNE, TX 77859 · (979)279-9350 · FAX: (979)279-0035
WWW.BRAZOSVALLEYGCD.ORG

SECTION V – DECLARATIONS

The Applicant agrees to the following conditions:

 X I agree to avoid waste and achieve water conservation.

 X I agree that reasonable diligence will be used to protect groundwater quality

 X I agree that well plugging guidelines will be followed at the time of well closure

SECTION VI – AFFIRMATION AND EXECUTION

I certify that all statements and information in this application are true and correct.

Signature of Applicant (Co-Applicant)

THE STATE OF TEXAS
COUNTY OF Harris

This instrument was acknowledged before me on (date) March 13, 2024

By (applicant) David L. Lynch



(NOTARY SEAL)

Notary Signature

Can be notarized in the presence of any Notary of your choice. We have a Notary at the BVGCD Office.

Attachment B – Well Locations and Information

Table A

Well	Pumping Rate (gpm)	Annual Permit Allocation (Acre-Feet)	Latitude DMS	Longitude DMS
BVDO-0401	1,550	2,000	30°52'19.14"N	96°38'55.23"W
BVDO-0402	1,900	2,452	30°52'03.41"N	96°39'32.28"W
Total		4,452		

Table B

Well	Total Depth (Approx. ft BGL)	Depth to Screen (Approx. Ft BGL)
BVDO-0401	1,990	1,450
BVDO-0402	1,990	1,450

Attachment C – Section IV Plans and Supplemental Information Per
BVGCD Rules Adopted on September 13, 2023

ATTACHMENT C

SUPPLEMENTAL INFORMATION FOR SECTION IV – PLANS

Summary

UW Brazos Valley Farm LLC (UWBVF or Co-Applicant) intends to transport from as many as two (2) of L. Wiese Moore, LLC (LWM) authorized wells up to 4,452 acre-feet per year of its permitted Simsboro Aquifer groundwater to Williamson, Bell, Milam, and/or Travis Counties. This application is to transport such groundwater as part of the UWBVF Project (as defined below) and the aggregated total groundwater authorized for transport out of the District from all District-authorized wells included in the UWBVF Project shall be limited to 100,000 acre-feet per year in the aggregate.

Upon UWBVF's exercise of the Option Agreement (as desired and anticipated), UWBVF will have the right to include the Applicant's Simsboro Operating Permits and the permit that is the subject of this related pending transport permit application in a collective project that UWBVF will develop. Seven local landowners, including Applicant, who hold existing operating permits issued by the District for a combined total maximum production of 57,718 acre-feet per year (collectively, the Optioned Groundwater) have entered Option Agreements with UWBVF: Cula d'Brazos; Ely Family Partnership L.P.; Fazzino Investments; LP, L. Wiese Moore, LLC; RH2O, LLC; James Brien; and Clifford A. Skiles III (collectively, the Optioned Owners). Consistent with the terms thereof, UWBVF will have the right to produce and transport the Optioned Groundwater using the wells subject to the Groundwater Leases, a gathering network and a transmission system to be developed by UWBVF to the requested western receiving area. UWBVF, also a local landowner, holds existing transport and related production permits issued by the District for 49,999 acre-feet per year from its Goodland Farms property. Optioned Groundwater will be combined with the rights of the Goodland Farms property to support UWBVF's proposed project (this intended collective project is referred to as the UWBVF Project). There will be a hub for the UWBVF Project's connection of the gathering system to the transmission system to the western receiving area. The hub is likely to be located on the Goodland Farms property.

UWBVF will produce for transport from the District no more than 100,000 acre-feet per year in the aggregate from District-authorized wells over which UWBVF has production and transport rights. The transport permit aggregate authorization of 100,000 acre-feet coupled with the *authorized* production of greater than 100,000 acre-feet in total allows for the dispersed well locations across the UWBVF Project to be managed taking into consideration the Simsboro aquifer response as test wells are evaluated and further as the pumping profile is developed over time. The potential variation in production across the well locations will support a carefully managed project that will provide long-term sustainable water supply critical to the region and the State, consistent with good stewardship of the resource for the local community and the region.

Based on ongoing project development, it is anticipated that the transport may be primarily to the City of Georgetown (City) in Williamson County; however, other municipalities, public water suppliers, or other end users in Williamson County, Bell County, Milam County, and Travis County may elect to participate in a regional project with Georgetown or otherwise contract for such water supply, if available. The proximity of significant growth areas and, in some cases, existing or planned infrastructure, located within service areas of multiple water providers make a cooperative regional project viable.

Water supply for three of these four counties is a critical need, and well documented in the Regional and State Water Plans, as discussed further below. The largest growth across this receiving area is in municipal water demand (inclusive of commercial developments); new industrial developments also continue to focus on potential locations in Central Texas. These significant demands to the west of Robertson County demonstrate that groundwater supply is and will be in high demand. Accordingly, the production of groundwater in accordance with the existing, issued operating permits would be transported to this requested four County receiving area, supporting regional and state economic development. Appendix A provides a map illustrating the producing and receiving areas and the well locations of currently Optioned Groundwater.

As one example, the City of Georgetown conducted multi-year water planning and its detailed study identified a “gap” of as much as 99,000 acre-feet per year between its currently available water supplies and its 2070 water demands (see the Georgetown City Council Presentation of December 12, 2023). Based on its Integrated Water Resources Plan (IWRP) completed in December of 2022, the City noted “unprecedented water demand growth” and stated that the City will continue its practice of conjunctive use of surface water and groundwater, and the City will also employ conservation measures and look to other alternatives such reclaimed water to meet its water needs (see the City’s web site).

Accordingly, the City has entered into a reservation agreement with EPCOR to negotiate a public-private partnership and a Water Supply Agreement for Georgetown to import between 39,399 and 70,000 acre-feet per year from Robertson County, Texas (see City presentation from December 12, 2023). Co-Applicant has entered an agreement with EPCOR. As the potential to supply water to the City contemplated in the reservation agreement moves forward, it is possible that other municipalities, public water suppliers, or other end users will participate in that or another regional project. Negotiations with a second municipality in Williamson County to import Simsboro Aquifer groundwater from Robertson County are also in an advanced stage.

The LWM wells will be completed at the locations specified in its Drilling/Production Permits and in accordance with all applicable State of Texas and BVGCD rules. The alignment and size of the main transmission line, the sizes and locations of collection lines, the number of storage facilities, and other appurtenances are not yet known. When the water is firmly contracted, additional

details of the customers' systems can be provided, and those systems will comply with applicable rules, regulations, and guidance set forth by the Texas Commission on Environmental Quality (TCEQ) and State of Texas Public Utilities Commission (PUC). It is anticipated, based on negotiations to date, that the end users will be regulated public water systems through or in addition to the City. Notably, the City of Georgetown has included water conservation as one of its multiple water strategies, and is targeting a 10 percent reduction in the City annual demand through conservation measures (IWRP).

The Well Assistance Agreement voluntarily developed and funded by UWBVF in conjunction with and agreed to by BVGCD on October 22, 2022, would be available in connection with LWM's already-authorized production associated with this transport permit to mitigate Simsboro wells in a manner consistent with the program described in Section 16 of the rules.

The following sections provide information for the subsections in BVGCD Rule 10.3. Please note that the version of the rules currently posted on the BVGCD web site contains an error in denoting the subsections; subsection (c) is listed twice. We have taken the liberty herein to redesignate the subsection paragraphs with consecutive letters from (a) through (g).

Rule 10.3 (a) – Availability of Water in the District and in Proposed Receiving Area

The current BVGCD Management Plan reported that the total groundwater use in Robertson County was 74,761 acre-feet during 2016, of which 63,188 acre-feet was used for irrigation (BVGCD Management Plan, May 2019, Appendix B1). The reported total municipal water use in Robertson County was 2,199 acre-feet in 2016 (BVGCD Management Plan, May 2019, Appendix B1). Based on the 2021 Brazos G Regional Water Plan (Brazos G RWP) the water needs (i.e., deficit based on current supplies) for Robertson County starting in 2070 will be 76,138 acre-feet per year; of that amount 99 percent of the additional water needed will be for agricultural irrigation (44,445 acre-feet per year), mining (12,735 acre-feet per year), and steam electric/power (18,478 acre-feet per year). The draft BVGCD Management Plan pending approval from the Texas Water Development Board (TWDB) states that even should steam electric demands increase as projected, "Groundwater and surface water are readily available and likely sources of water to remedy any long-term needs" (BVGCD Management Plan DRAFT, October 2023). Irrigation pumping in Robertson County is primarily from the Brazos River Alluvium Aquifer. While not delineating between irrigation and non-irrigation pumping, the TWDB reports that pumping for the Brazos River Alluvium for 2020 was 68,005 acre-feet. Most of that pumping is likely for agricultural irrigation purposes (BVGCD, email data transfer, December 29, 2023). By comparison the reported Simsboro pumping for 2020 was 19,758 acre-feet and, based on groundwater usage for 2016 reported by the TWDB, it is likely that about half of the Simsboro usage was for non-irrigation purposes (BVGCD, Personal Communication and email data transmittal, December 29, 2023 and BVGCD Management Plan, 2019). Based on prohibitive depths and associated costs, it is anticipated that future irrigation pumping will be derived predominantly from the Brazos River Alluvium Aquifer and, in southern Robertson County, by formations overlying the Simsboro. The Brazos G RWP reports that only one municipal water supplier will have a water need in 2070

totaling 526 acre-feet per year (Brazos G RWP, 2020). The Simsboro Aquifer is not heavily tapped in Robertson with reported pumping in 2022 of 19,236 acre-feet (BVGCD Personal Communication and email data transmittal, December 29, 2023). The current modeled available groundwater (MAG) value for the Simsboro in Robertson County is 82,824 acre-feet per year in 2070 (TWDB, 2023).

Note that the Applicant (i.e., LWM) has no alternative source of water that would allow participation in the UWBVF's (or any other sponsor) groundwater project. Similarly, the current RWP and State Water Plan demonstrate that the water needs are so substantial that the likely end users of water from the subject transport of Robertson County water have explored multiple alternative water supply strategies. The end users in the receiving area will use the water for beneficial uses which will primarily include municipal or public water supply but uses could also include any other beneficial use as defined by Chapter 36 of the Texas Water Code including industrial/manufacturing, irrigation, recreational uses, and others.

The current Brazos G RWP projects that the municipal water demands alone for Williamson County will increase from 97,248 acre-feet per year in 2020 to 244,045 acre-feet per year in 2070 (Brazos G RWP, October 2020, p. 2-54). Similarly, the municipal water demands in Bell County are projected to increase from 64,087 acre-feet per year in 2020 to 112,347 acre-feet per year in 2070. The 2021 Region K Regional Water Plan (Region K RWP) projects that Travis County municipal water demands will increase from 235,239 acre-feet per year in 2020 to 393,494 acre-feet per year in 2070 (Region K RWP, October 2020). Much of the population and resulting water demand growth in Williamson, Bell, and Travis counties results in projected water shortages and the areas are geographically distributed such that water suppliers in each of those counties could benefit from water available from a regional water project supplying water from Robertson County. Water demands in Milam County are projected to increase by about 831 acre-feet per year from 2020 to 2070; however, a regional project from Robertson County to the high-growth areas along Texas State Highway 130 and Interstate 35 could provide water to communities in Milam County.

As noted, negotiations are ongoing with the City of Georgetown to supply water from Robertson County. The City "...is projected to have a (water) shortage from 2030 through the year 2070" with shortages estimated to be 28,300 acre-feet per year by 2040 and 66,632 acre-feet per year by 2070, according to the Brazos G 2021 RWP (Brazos G RWP, October 2020, p. 5.36-1. The Brazos G RWP projects shortages for other municipalities in the receiving area by at least 2040, if not sooner. The City of Georgetown commissioned its own independent water planning study, the Integrated Water Resources Plan (IWRP), which was completed by CDM Smith in May of 2023. The IWRP projected that the City has a "gap" between its existing available supplies and future demands of up to 99,000 acre-feet per year by 2070 (CDM Smith, 2023). The IWRP shows that the City will continue its conjunctive use of local groundwater and surface water available from the Brazos River Authority (BRA), but also will implement other water supply strategies including conservation and water reclamation. The IWRP concluded that the City needs additional supply to be on line by 2030 and that the new groundwater and reclaimed water options provide the

best supply reliability. Based on the City’s multi-year planning and the feasibility results in their IWRP regarding existing and future water supplies, the City has entered into a reservation agreement with EPCOR to negotiate a public-private partnership and a Water Supply Agreement for Georgetown to import between 39,399 and 70,000 acre-feet per year of Simsboro Aquifer groundwater from Robertson County (see City of Georgetown City Council Presentation of December 12, 2023). UWBVF has entered agreements with EPCOR to pursue the project and secure the groundwater resources, including from its own permits and other landowners in Robertson County, to provide the water for the project. Appendix A provides maps illustrating the producing and receiving areas, including a map illustrating the City as an anticipated receiver within that broader geographic area, pending ongoing negotiations.

Rule 10.3 (b) – Projected Effect of the Proposed Groundwater Transport on Aquifer Conditions

The projected effects of permitted pumping of 4,452 acre-feet per year from the Simsboro Aquifer were presented in the Aquifer Evaluation Report submitted with the LWM Drilling/Operating Permit Application package (see Thornhill Group, Inc., July 26, 2023). Additionally, the BVGCD’s consultants and staff evaluated and reviewed potential impacts. Subsequently, the BVGCD approved and enacted revised rules with some additional requirements for evaluating impacts (BVGCD, September 14, 2023). In accordance with revised BVGCD Rule 8.4(b)(B)(3), Appendix B provides maps illustrating drawdown contours with respect to existing or proposed (i.e., permitted) Simsboro wells based on modeling of the LWM pumping 4,452 acre-feet per year for pumping durations of one (1), 10, and 20 years. Additionally, Appendix B provides tabulations of modeled drawdown on registered and permitted Simsboro wells. The following tables summarize ranges of the modeled effects (i.e., reduction in artesian pressure or drawdown) on Simsboro Aquifer wells near the LWM property and proposed wells:

GAM Run Estimates

Distance from LWM Wells	Ranges in Drawdown per Modeled Duration of Pumping		
	1 Year	10 Years	20 Years
1 Mile	16 to 28	19 to 31	24 to 36
5 Miles	2 to 28	3 to 31	6 to 36
10 Miles	0 to 28	0 to 31	3 to 36

Analytical Modeling Estimates

Distance from LWM Wells	Ranges in Drawdown per Modeled Duration of Pumping		
	1 Year	10 Years	20 Years
1 Mile	37 to 54	40 to 58	52 to 69
5 Miles	22 to 54	26 to 58	37 to 69
10 Miles	16 to 54	19 to 58	30 to 69

Per BVGCD Rule 8.4(b)(B), an evaluation of the effects of the proposed LWM well pumping of 4,452 acre-feet per year on the applicable desired future conditions (DFC) is provided herein, considering the current modeled available groundwater (MAG) determined by the TWDB, the TWDB’s estimate of current and future exempt pumping, and the amount of groundwater authorized under permits previously granted by the District. The adopted DFC for the Simsboro Aquifer is currently defined as average drawdown of 262 feet within the BVGCD boundaries during the period from 2000 to 2070. (Note that the previously approved DFC was an average drawdown of 295 feet for the Simsboro Aquifer within BVGCD). Modeling using the current GAM was conducted to simulate the possible effects on the current DFC based on the following pumping scenarios:

- ✓ LWM well pumping 4,452 acre-feet per year through 2070;
- ✓ LWM well pumping 4,452 acre-feet per year as an incremental part of the combined pumping of all landowners who hold Simsboro permits based on an assumption that all permits in the District are pumped continuously (i.e., 100 percent of the time). Please note that this appears to be required by Rule 8.4(b)(7)(B)(4)(c), but it is not a scenario that is reflective of historic or anticipated usage patterns and accordingly does not represent a realistic scenario or projection; and,
- ✓ Based on a request from the District, rather than a requirement of the rules, an approximation of two pumping scenarios that assume hypothetical yet potentially “realistic” transport scenarios utilizing the dispersed well locations available to the UWBFV Project to meet demands in the receiving area. The two “project” simulations include:
 - Pumping and transporting approximately 75,000 acre-feet per year from wells permitted on landowners’ properties that have signed with UWBFV; and,
 - Pumping and transporting approximately 100,000 acre-feet per year from the same landowners’ permitted wells.

The modeling simulations were conducted for the purpose of comparing the impacts of pumping to the currently established DFC for the Simsboro Aquifer within the boundaries of the BVGCD; the DFC is 262 feet of average drawdown based on Run S-19 adopted by BVGCD and GMA 12. The modeling scenarios are summarized in the following table:

<u>Pumping Scenario</u>	<u>Total Simulated Pumping</u>	<u>Average Drawdown from 2000 to 2070</u>
S-19 (DFC Run)	147,245 acre-feet/year (MAG)	262 feet**
S-19 Plus Moore	154,430 acre-feet/year*	269 feet
S-19 Plus 75,941 AFY	225,919 acre-feet/year*	373 feet
S-19 Plus 99,924 AFY	249,902 acre-feet/year*	399 feet
S-19 Plus All Permits	355,165 acre-feet/year	558 feet

The asterisk (*) indicates that the total pumping includes an addition 2,733 acre-feet per year from small permits granted to small public water suppliers; however, the pumping does not include the new permits granted to the City of Bryan, the City of College Station, or others.

The double asterisk (**) indicates that the current DFC is derived by BVGCD and GMA 12 allowing for a 10 percent buffer. Also, note that the previously adopted DFC for BVGCD was 295 feet.

GAM modeling of the Simsboro Aquifer within GMA 12 has historically shown that, even at high pumping rates, the depletion of the amount of groundwater stored in the Simsboro Aquifer will be a very small percentage. Therefore, the Simsboro Aquifer will remain essentially full in 2070 and long beyond.

Historically, subsidence has only been considered a limiting factor in Texas with respect to groundwater production along the Gulf Coast. Also, Gulf Coast formations are geologically much younger and contain much more clay than the Simsboro Member of the Wilcox Group. Its geologic age and clay content make the Gulf Coast geologic units much more susceptible to subsidence than the Simsboro. While the Calvert Bluff Formation contains thick sections of clay, the pressure reductions in the Simsboro will not cause large pressure reductions and associated dewatering and compaction of the clays of the Calvert Bluff. Theoretical modeling conducted utilizing the TWDB's analytical subsidence model indicate that some compaction within the Carrizo-Wilcox is possible; however, subsidence is not a concern within GMA 12.

The Well Assistance Agreement voluntarily developed and funded by UWBVF in conjunction with and agreed to by BVGCD on October 22, 2022, would be available in connection with LWM's already-authorized production associated with this transport permit. The UWBVF Well Assistance Agreement is set in place to effectively mitigate Simsboro wells in a manner consistent with the program described in Section 16 of the rules. The subject Well Assistance Agreement provides for funding to support the District's execution of a phased program to proactively take steps to address Simsboro Aquifer responses to future pumping on existing Simsboro wells.

Rule 10.3 (c) – Brazos Region G Regional Water Plan and District Management Plan

As stated in previous sections of this Attachment C, the 2021 Brazos G RWP (and subsequent 2022 State Water Plan) and the 2019 BVGCD Management Plan demonstrate that Robertson County will not face a groundwater shortage with respect to the Simsboro Aquifer and that Williamson County, including the City of Georgetown and others, will face severe water shortages (see response to Rule 10.3(a) above). Similarly, water providers in Bell County and Travis County will face large water-demand increases and resulting significant water shortages. The high-growth areas within Bell, Travis, and Williamson counties are geographically situated such that many of the water users in those counties could benefit from a regional water project. The water demands in Milam County will not increase substantially; however, some key municipalities and municipal water suppliers may benefit from a transmission line extending from Robertson County. The current Brazos G RWP notes that the Carrizo-Wilcox aquifer is "prodigious" and "prolific" (Brazos G Regional Water Plan, 2020, pp. ES-4 and ES-11).

While the anticipated project for the City of Georgetown (and other potential participants or end users) to import Simsboro Aquifer groundwater from Robertson County is not currently expressly included in the Brazos G RWP or the State Water Plan, the City's detailed internal water planning efforts showed the groundwater import from Robertson County is a feasible and favorable strategy (IWRP, CDM Smith, May 2023). Negotiations with a second municipality in Williamson County to import Simsboro Aquifer groundwater from Robertson County are also in an advanced stage. Groundwater alternatives for Williamson County and the City of Georgetown have included groundwater supplies from the Brazos River Alluvium aquifer in Milam and Robertson counties (including the UWBFV project area) and Simsboro groundwater from the adjacent county. While the proposed EPCOR/UWBFV project does not require funding from the State of Texas, the project entities may proceed with ensuring the project is included in the next round of regional water planning.

Rule 10.3 (d) – Technical Description of Proposed Facilities and Construction Schedule

Generally, the LWM wells will be completed per State and BVGCD regulations at the permitted locations and are anticipated to be connected via collection pipelines to the main transmission line that will extend from Robertson County to the receiving areas. Pending final negotiations, the likely route will extend from the Robertson County well fields through Milam County into Williamson County. The sizing and alignment of collection and transmission pipelines have not yet been finalized. When the water is firmly contracted, additional details of the needed systems can be provided; and those systems will comply with applicable law, including TCEQ and PUC rules. To support the expected project, all water wells, storage tanks, collection lines, valving, transmission lines, and other appurtenances will be designed, constructed, and operated in accordance with applicable rules, requirements, and guidelines of the TCEQ as set forth in Title 30 Texas Administrative Code (30 TAC), specifically within Chapter 290 and Subchapter D.

As described, negotiations with end users are ongoing and this transport permit appropriately requests the four-county receiving area. Based on negotiations to date, it is anticipated that the City of Georgetown and other municipalities in Williamson County likely will be the primary receiving customers. Accordingly, please note that during their city council meeting on December 12, 2023, the City of Georgetown laid out a project schedule for the development, construction, and operation of the proposed project to import between 39,399 acre-feet to 70,000 acre-feet of groundwater from Robertson County. The City's schedule shows project development including preliminary engineering design, securing easements, and obtaining construction permitting beginning in mid-2025 and construction beginning in early 2027. Delivery of groundwater would begin in late 2029.

Per District Rule 10.4(d)(2) and Texas Water Code Section 36.122, the initial Transport Permit should be at least three years if construction of a conveyance system has not been initiated prior to the issuance of the permit; or at least 30 years if construction of a conveyance system has been initiated prior to the issuance of the permit.

Rule 10.3 (e) – Anticipated Duration for Proposed Transport of Groundwater

The duration of transport is expected to be at least 30 to 60 years, and to likely begin in 2029. Probably, the Transport Permits would be renewed, and the project continued for longer than 60 years.

In connection with the reservation agreement and ongoing development of the anticipated project, the City of Georgetown's schedule for importing Simsboro groundwater from Robertson County indicates that between 8,000 and 20,000 acre-feet per year would be pumped from 2029 to 2033. Incremental increases would result in production of 70,000 acre-feet per year by as early as 2044, after which the production of 70,000 acre-feet per year would continue until 2060 or 2090 (see City of Georgetown Presentation, December 12, 2023). However, it is likely that the groundwater transport from Robertson County to the City of Georgetown and other end users in the receiving area will continue for longer than the 60-year period.

Rule 10.3 (f) – Applicant Water Conservation Measures

Co-Applicant and Applicant will, per its declarations in the accompanying Transport Permit Application forms, comply with the BVGCD's Management Plan, Drought Contingency Plan, and Well Plugging Guidelines. Water will be transported by pipeline in accordance with sound engineering practices. The project will involve a program of leak detection, repair, and water loss accounting for the water transmission, delivery, and distribution system.

The City of Georgetown and other likely end users would implement conservation and drought contingency plans per the standard operating procedures of their water utility department or in accordance with applicable regulations. For example, the City of Georgetown's Water Conservation Plan is available here: <https://gus.georgetown.org/wp-content/uploads/sites/47/2019/08/City-of-Georgetown-Water-Conservation-Plan.pdf>. In addition, the City stated in its IWRP that it will employ conservation as one of its water supply strategies, targeting a 10 percent reduction in annual demand through conservation measures.

Rule 10.3 (g) – Additional Information Related to Sale of Water

As noted earlier, Co-Applicant and Applicant have declared that they will comply with the BVGCD's Management Plan, Drought Contingency Plan, and Well Plugging Guidelines. Also, LWM will install flowmeters in accordance with BVGCD's technical requirements and will meter and report the permitted production in accordance with the District's rules.

As described above, the project receiving area is Williamson, Bell, Travis, and Milam counties. Under LWM's permits, water would be produced and transported to customers in the receiving area who would distribute water to their service areas (unless using the water itself). One or more

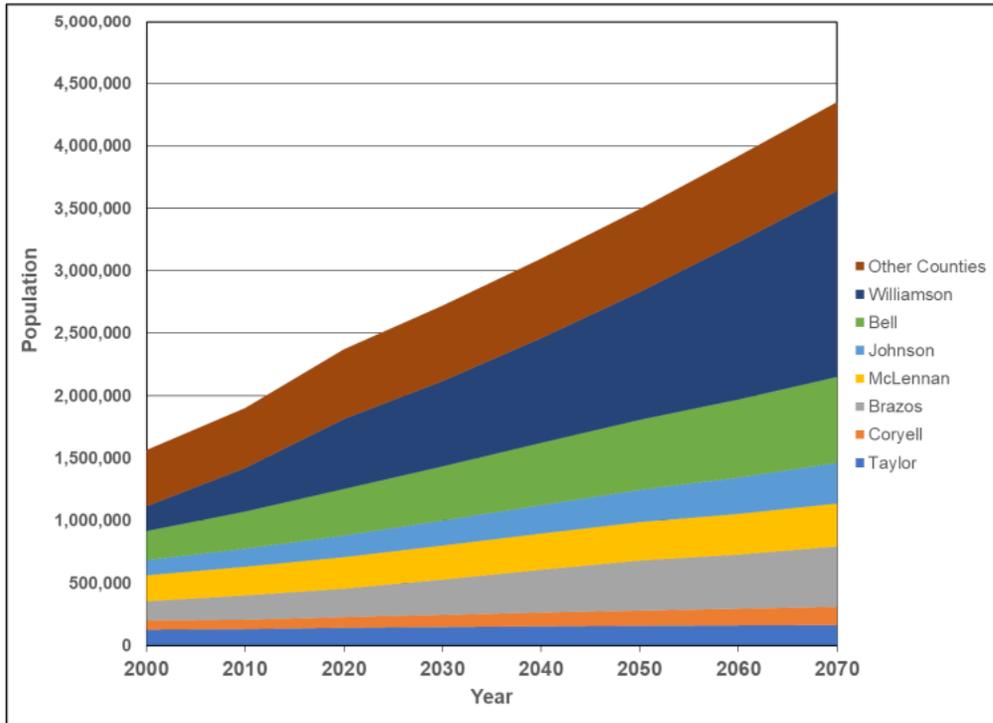
end users likely have certificated service areas (i.e., CCNs) in the receiving area (See map in Appendix C). The end users in the receiving area will employ metering, leak detection, and repair programs for their water storage, delivery and distribution systems and such water operation measures will be in accordance with sound engineering practices and applicable law, such as public water system regulations. Also, as required by 31 TAC 358.6 (Water Loss Audits) and summarized by the TWDB, “Currently, all retail public water systems with more than 3,300 connections or a financial obligation to TWDB are required to complete and submit a Water Loss Audit annually. All other retail public water suppliers are required to submit a Water Loss Audit to the agency every five years.” (see <https://www.twdb.texas.gov/conservation/resources/waterloss-resources.asp#:~:text=Currently%2C%20all%20retail%20public%20water,the%20agency%20every%20five%20years.>) The water will be transported by pipeline, not bed and banks. Drought and emergency water management plans will be considered in the context of final designs based on ultimate end users when contracts for sale of water are in place.

The Counties and significant water users therein are participants in the regional and state water planning process. Thus, the water demands of potential customers in the receiving area and strategies that have been evaluated for meeting their needs are set out in the Region G and K Water Plans, shown in summary form as follows and more extensively in the full Regional and State Plans. These planning efforts included evaluation of population, use, existing and anticipated supply, and various alternatives to meet need, including conservation and conjunctive use. The following are available per the planning process:

- ✓ Population projections are shown at:
 - https://brazosgwater.org/Portals/6/Documents/2021-Water-Plan/Final/Volume-I/2021_BrazosG_Chapter%20%20-%20Population%20and%20Water%20Demands.pdf and
 - https://www.twdb.texas.gov/waterplanning/rwp/plans/2021/L/RegionL_2021RWP_V1.pdf?d=4631.899999991059 –

2021 Brazos G Regional Water Plan | Volume I
Projected Population and Water Demands

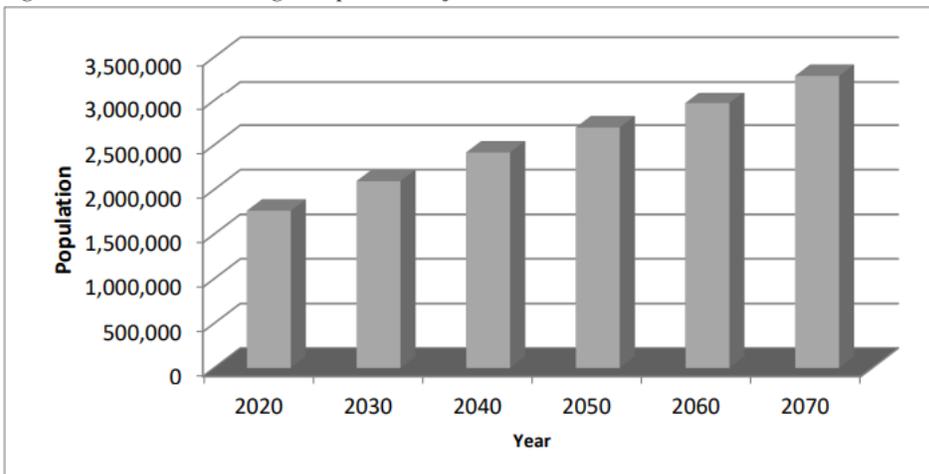
Figure 2-1. Population Projections



2021 LCRWPG WATER PLAN

2-4

Figure 2.1: Lower Colorado Region Population Projections



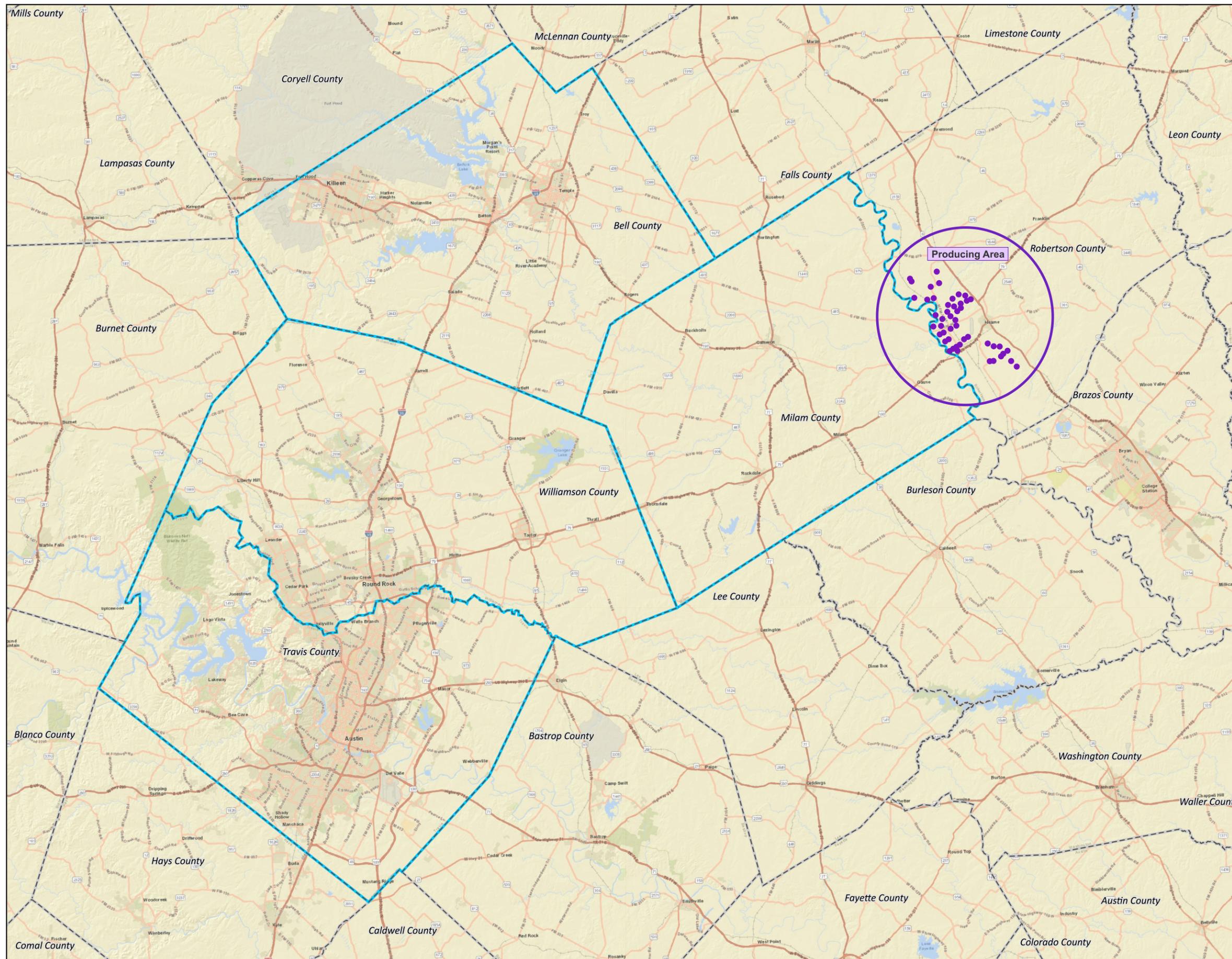
- ✓ County-level Water Supply Plan Summaries are shown at:
 - Williamson County
 - https://brazosgwater.org/Portals/6/Documents/2021-Water-Plan/Final/Volume-I/Chapter-5-County-and-WWP-Plans/2021_BrazosG_5.36%20-%20Williamson.pdf
 - Bell County
 - https://brazosgwater.org/Portals/6/Documents/2021-Water-Plan/Final/Volume-I/Chapter-5-County-and-WWP-Plans/2021_BrazosG_5.1%20-%20Bell.pdf
 - Milam County
 - https://brazosgwater.org/Portals/6/Documents/2021-Water-Plan/Final/Volume-I/Chapter-5-County-and-WWP-Plans/2021_BrazosG_5.25%20-%20Milam.pdf
 - Travis County
 - https://www.twdb.texas.gov/waterplanning/rwp/plans/2021/K/RegionK_2021RWP_V2.pdf?d=4631.899999991059 (See Chapter 5).
- ✓ Water conservation is often a recommended strategy, where appropriate as set forth in the Region G and K Water Conservation Recommendations:
 - https://brazosgwater.org/Portals/6/Documents/2021-Water-Plan/Final/Volume-I/Chapter-5-County-and-WWP-Plans/2021_BrazosG_5.39%20-%20Conservation%20Recommendations.pdf
 - Chapter 5, Section 5.2.2 discussing conservation as water management strategy
https://www.twdb.texas.gov/waterplanning/rwp/plans/2021/K/RegionK_2021RWP_V2.pdf?d=4631.899999991059.
- ✓ Where end users are subject to TCEQ or TWDB requirements for Water Conservation Plans, those plans would be in place and would generally be expected to accommodate appropriate integration of the groundwater supplies.
- ✓ As it is currently anticipated that the City of Georgetown will purchase water, the following information is appropriately considered. The City’s extensive evaluation and planning in its IWRP reflects its close evaluation of population, demand, and potential supplies, including conservation.
 - https://gus.georgetown.org/wp-content/uploads/sites/47/2023/08/Georgetown-IWRP_Executive-Summary_FINAL-2.pdf.



- The City’s current Water Conservation Plan is available here. This plan addresses best management practices, metering, and leak detection and repair, among its many conservation requirements and initiatives.
 - <https://gus.georgetown.org/wp-content/uploads/sites/47/2019/08/City-of-Georgetown-Water-Conservation-Plan.pdf>.

- ✓ Notably, the City has indicated in its IWRP that additional conservation measures are targeted to achieve a 10 percent reduction in the City annual demand.

APPENDIX A



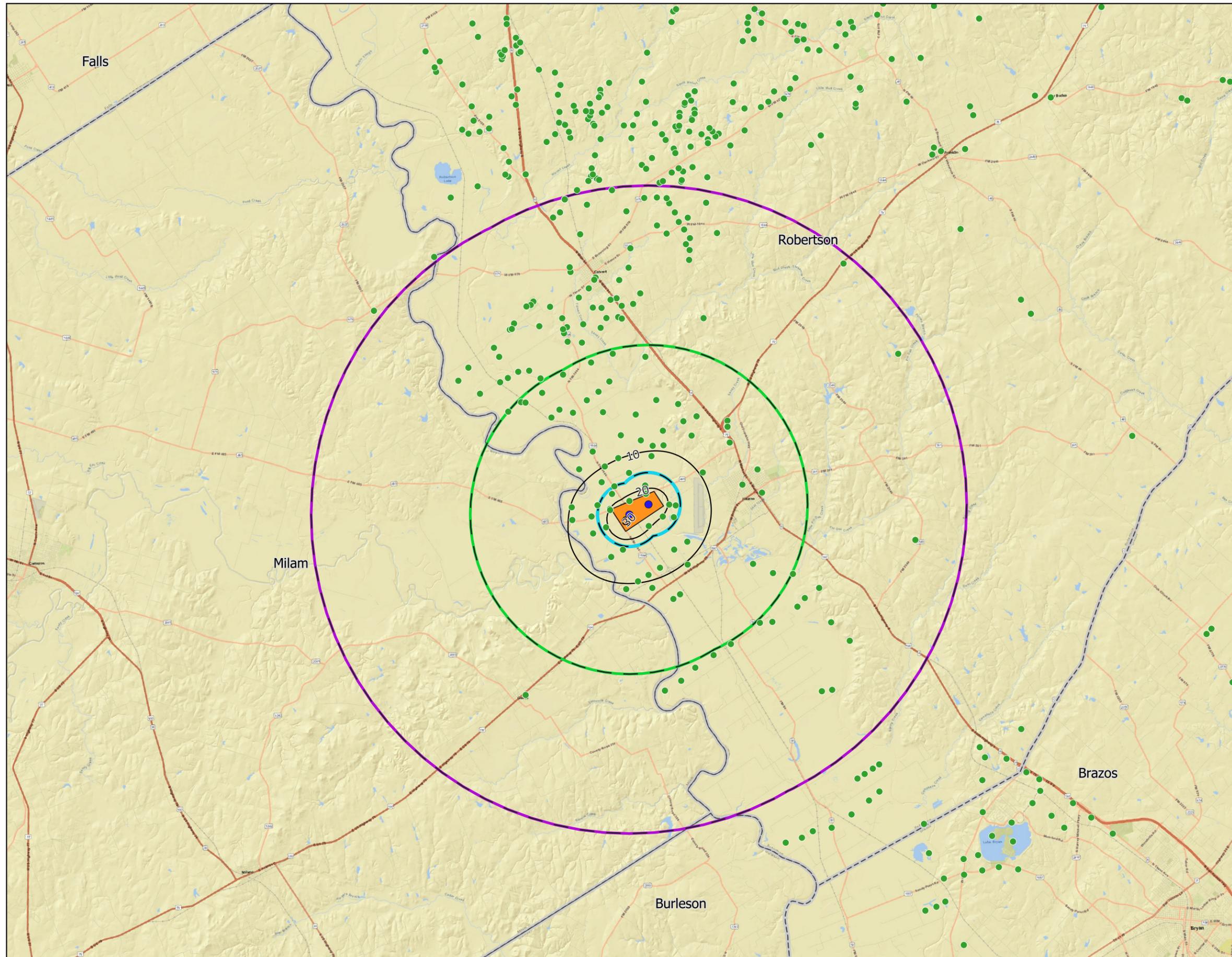
Explanation

- Well Locations
- Counties of Interest
- Counties



Producing and
Receiving Areas

APPENDIX B



Explanation

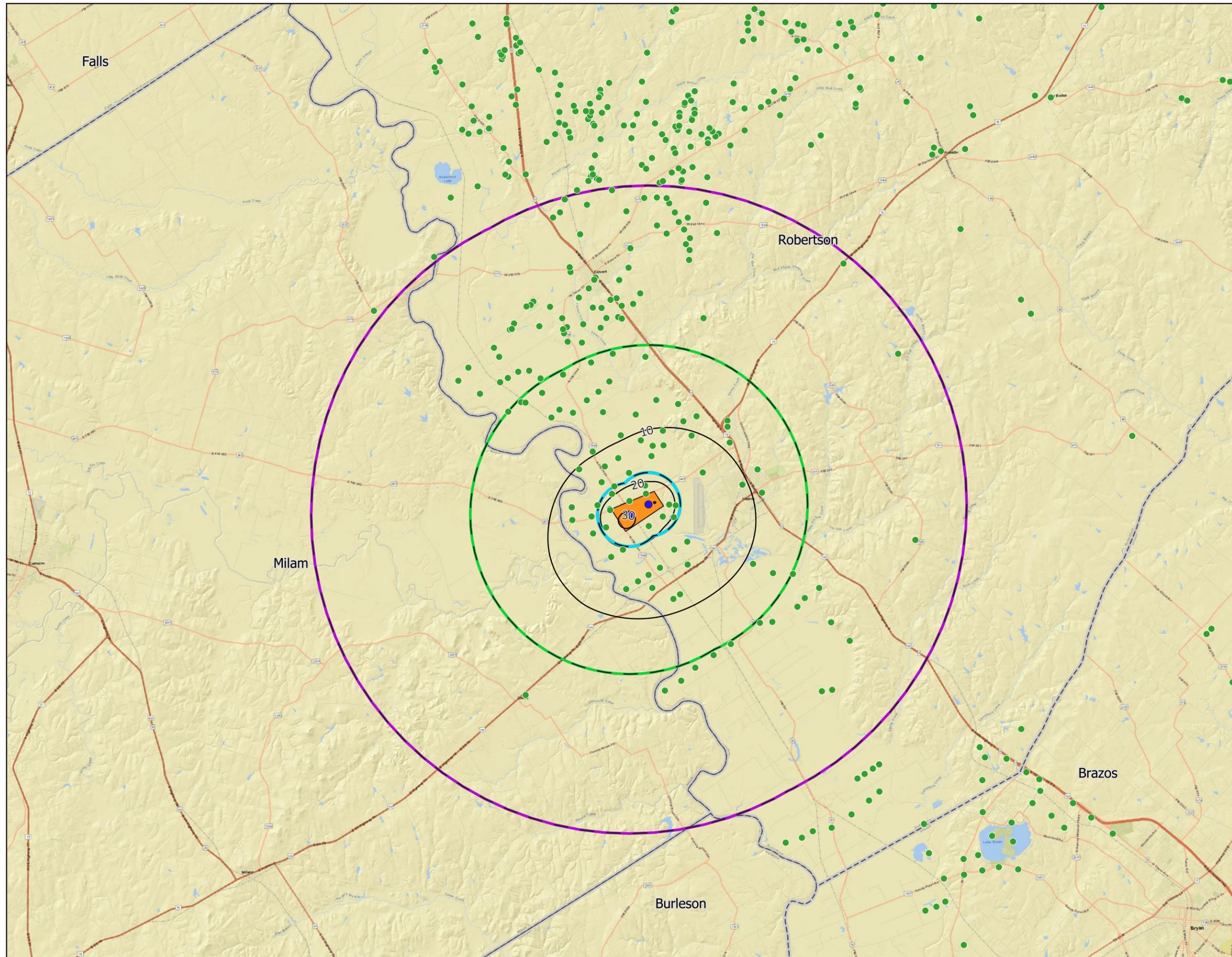
- BVGCD Registered or Permitted Simsboro Well
- Moore Permitted Well Location
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 10 Mile Radius from Well Locations
- 1-Year Modeled Drawdown - GAM Contour Interval = 10 feet
- Moore Property Boundary
- Counties



L. Wiese Moore, LLC

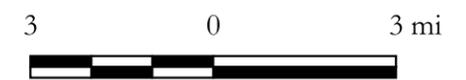
1-Year GAM
Drawdown Contours





Explanation

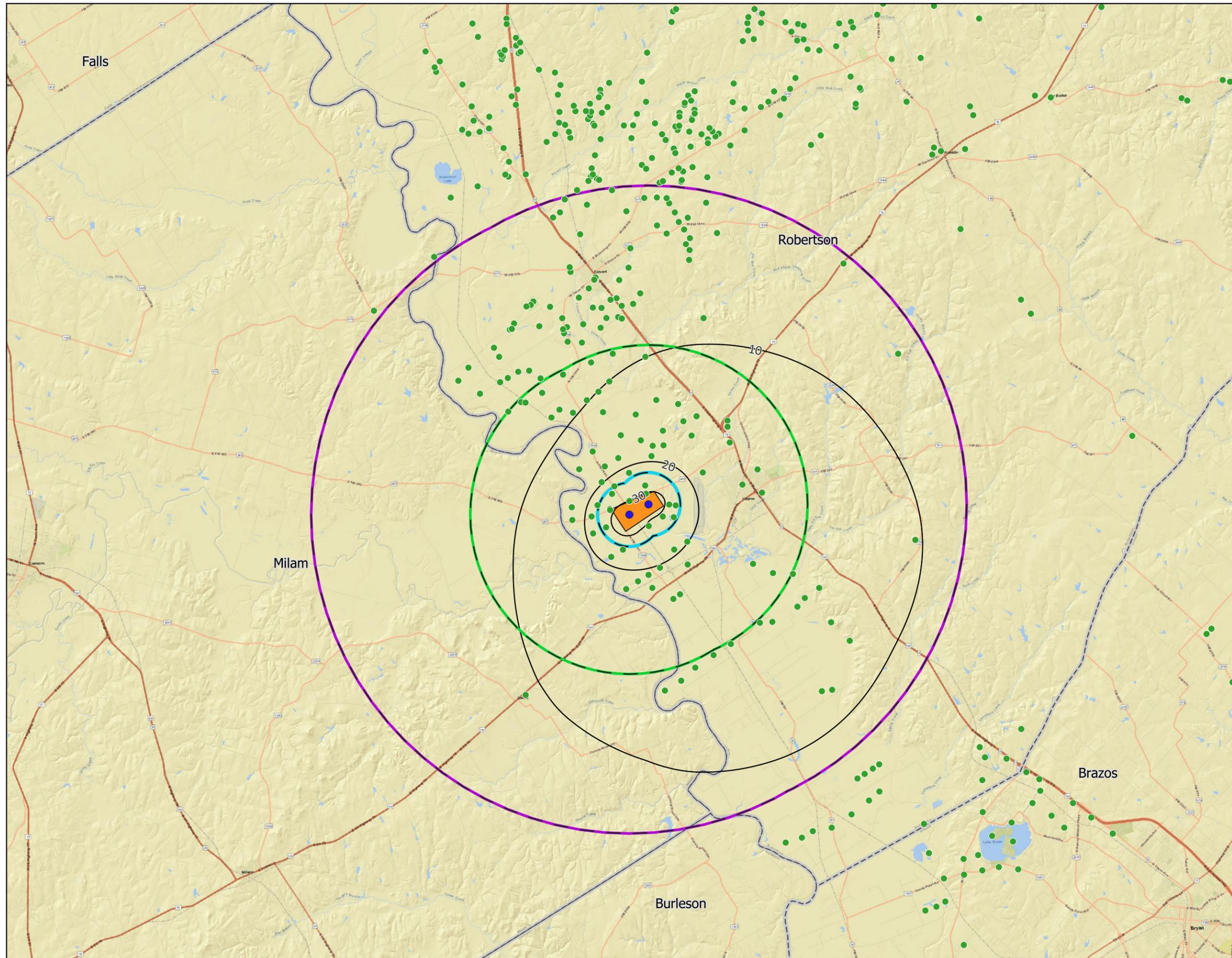
- BVGCD Registered or Permitted Simsboro Well
- Moore Permitted Well Location
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 10 Mile Radius from Well Locations
- 10-Year Modeled Drawdown - GAM Contour Interval = 10 feet
- Moore Property Boundary
- Counties



L. Wiese Moore, LLC

10-Year GAM
Drawdown Contours





Explanation

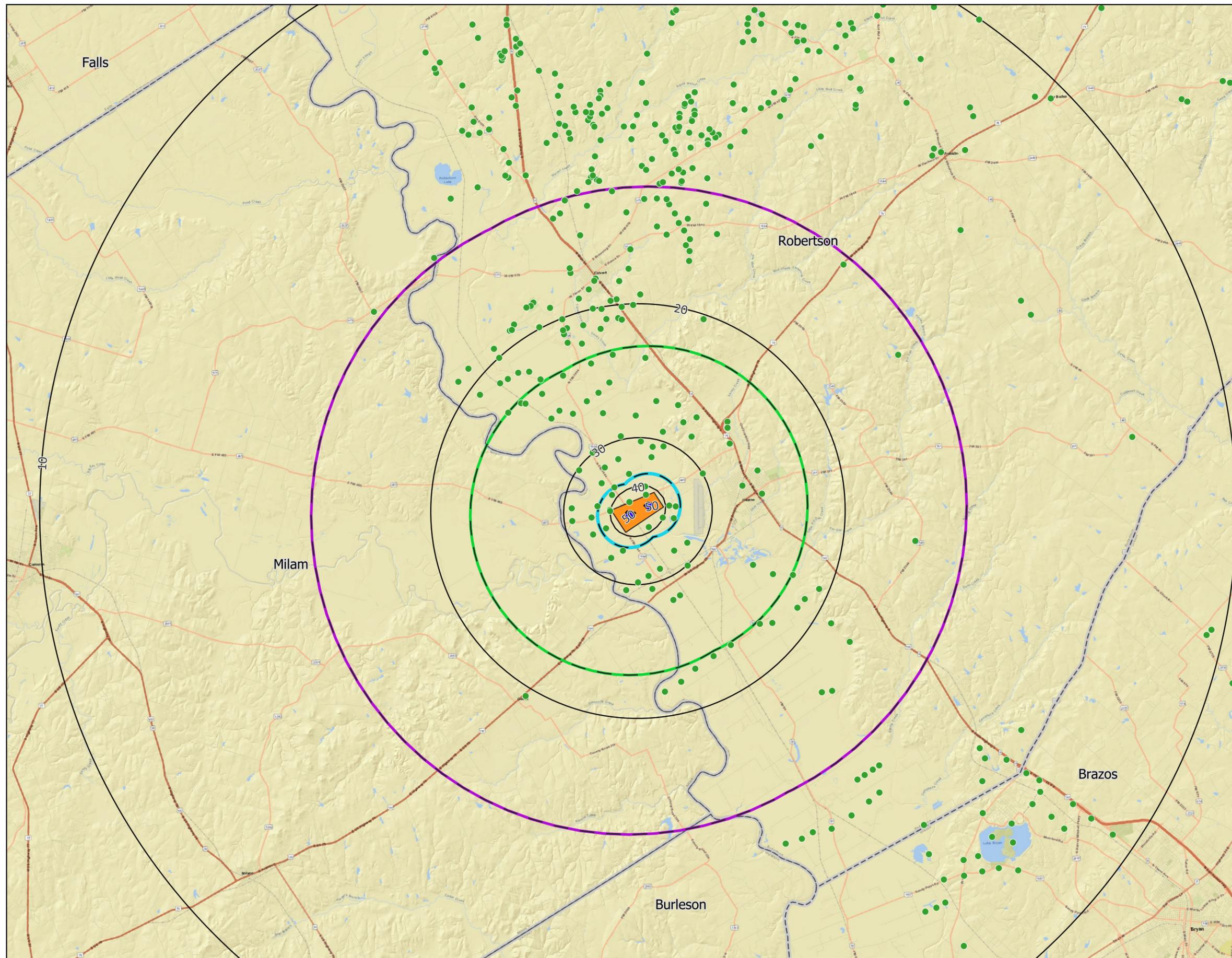
- BVGCD Registered or Permitted Simsboro Well
- Moore Permitted Well Location
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 10 Mile Radius from Well Locations
- 20-Year Modeled Drawdown - GAM
Contour Interval = 10 feet
- Moore Property Boundary
- Counties



L. Wiese Moore, LLC

20-Year GAM
Drawdown Contours





Explanation

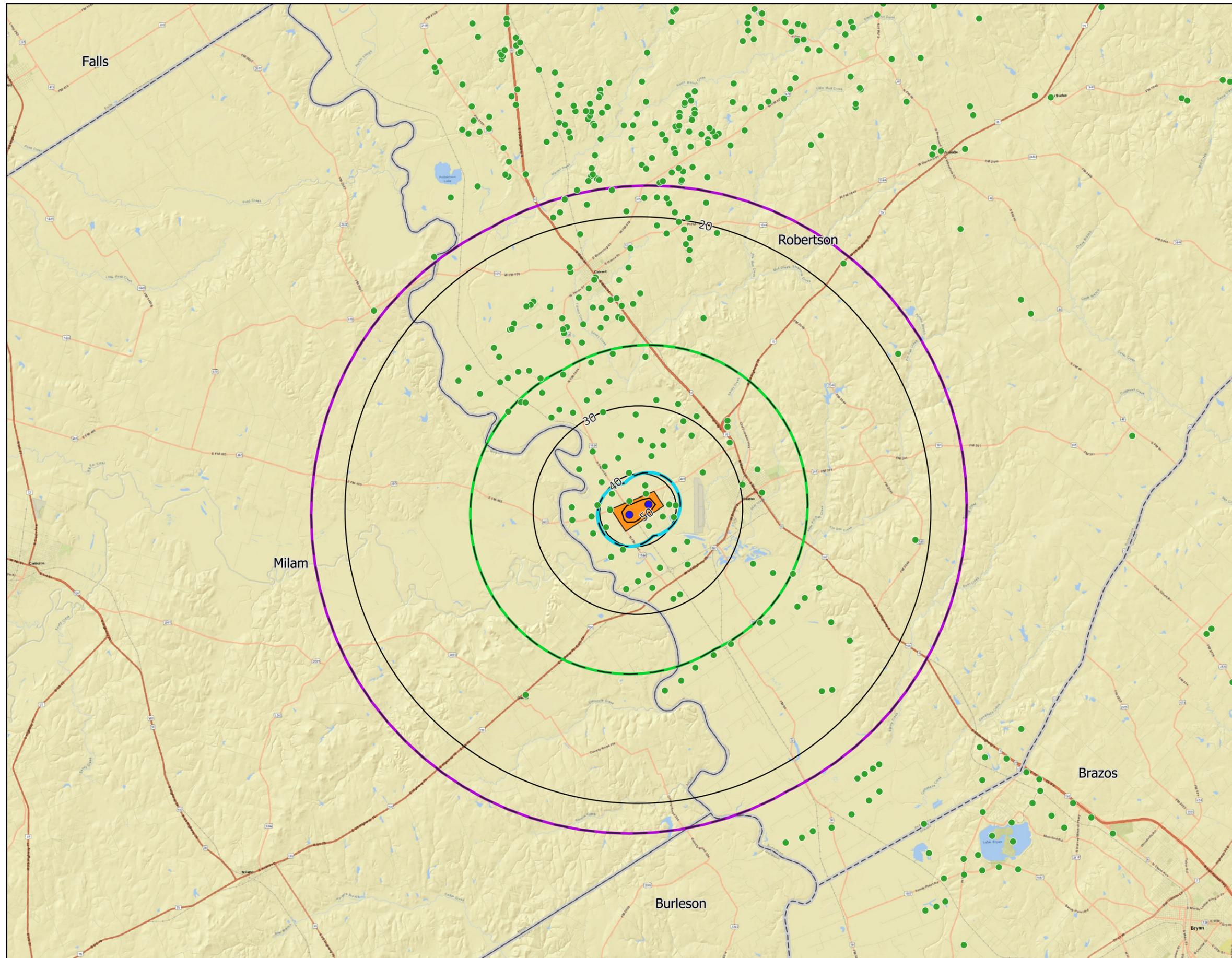
- BVGCD Registered or Permitted Simsboro Well
- Moore Permitted Well Location
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 10 Mile Radius from Well Locations
- 1-Yr Modeled Drawdown - Analytical Contour Interval = 10 feet
- Moore Property Boundary
- Counties



L. Wiese Moore, LLC

1-Year Analytical Drawdown Contours





Explanation

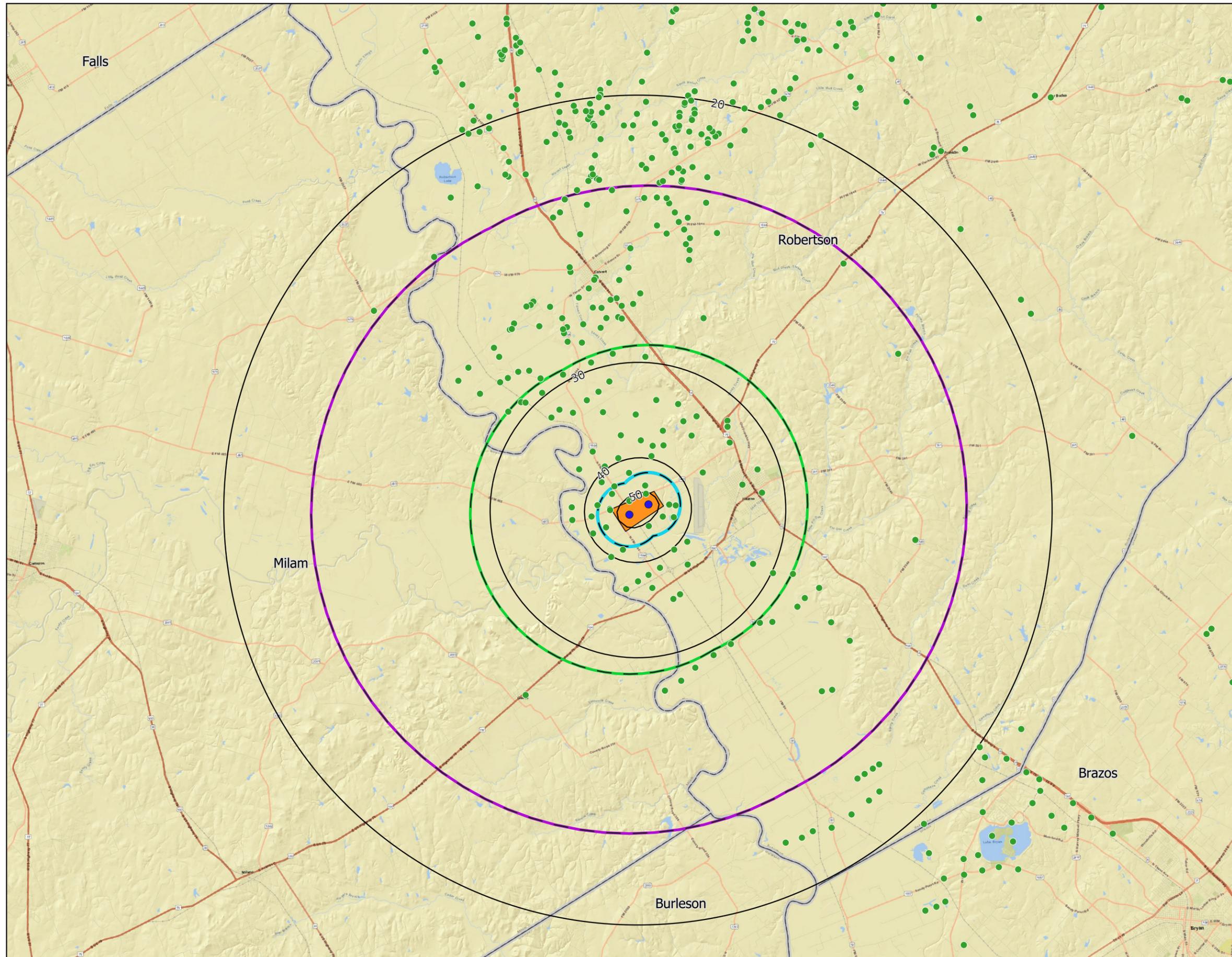
- BVGCD Registered or Permitted Simsboro Well
- Moore Permitted Well Location
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 10 Mile Radius from Well Locations
- 10-Yr Modeled Drawdown - Analytical Contour Interval = 10 feet
- Moore Property Boundary
- Counties



L. Wiese Moore, LLC

10-Year Analytical Drawdown Contours





Explanation

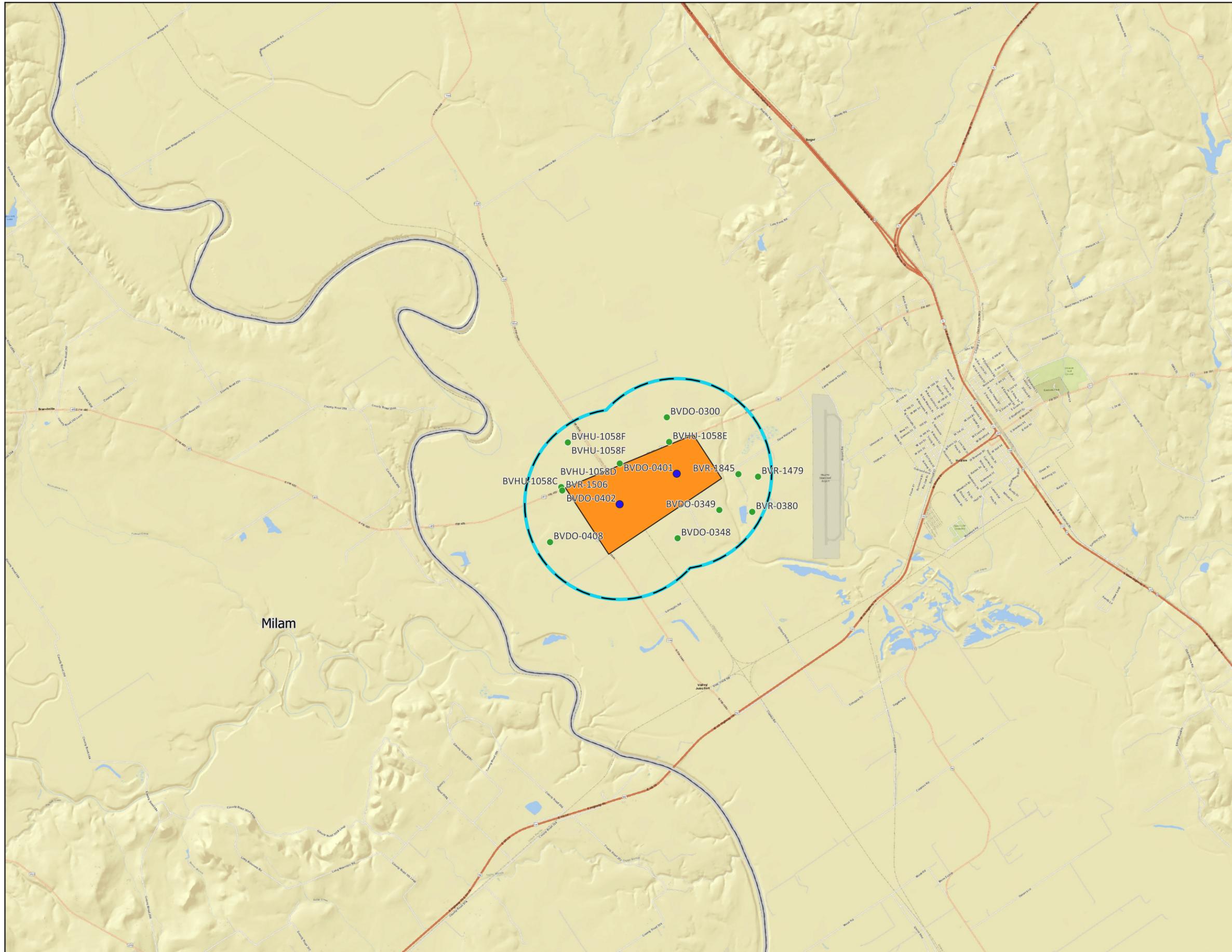
- BVGCD Registered or Permitted Simsboro Well
- Moore Permitted Well Location
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 10 Mile Radius from Well Locations
- 20-Yr Modeled Drawdown - Analytical Contour Interval = 10 feet
- Moore Property Boundary
- Counties



L. Wiese Moore, LLC

20-Year Analytical Drawdown Contours





Explanation

- Moore Permitted Well Location
- BVGCD Registered or Permitted Simsboro Well (as of 01/03/2024)
- 1 Mile Radius from Well Locations
- Moore Property Boundary
- Counties

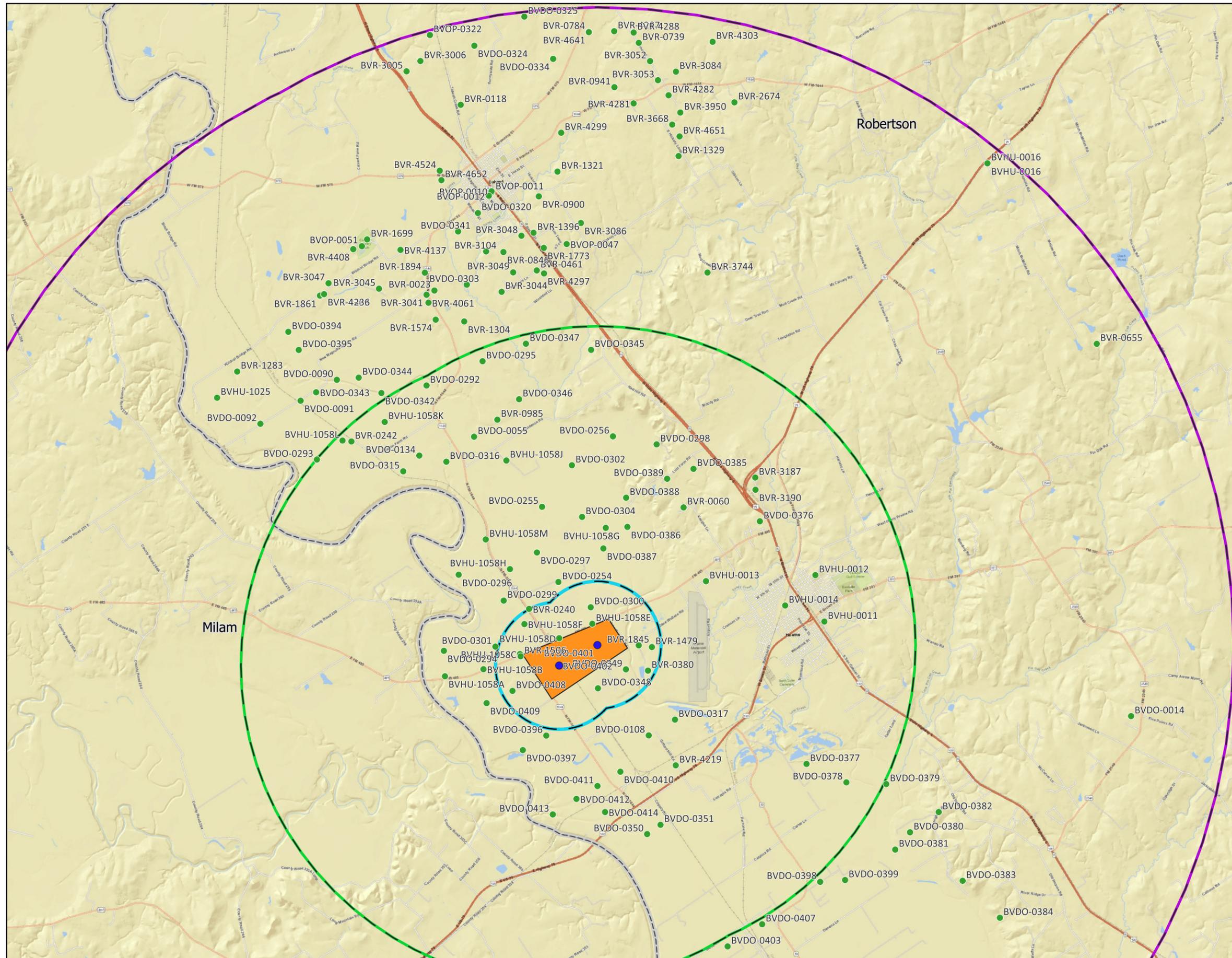
Milam



L. Wiese Moore, LLC

BVGCD Registered and Permitted Wells within 1 Mile





Explanation

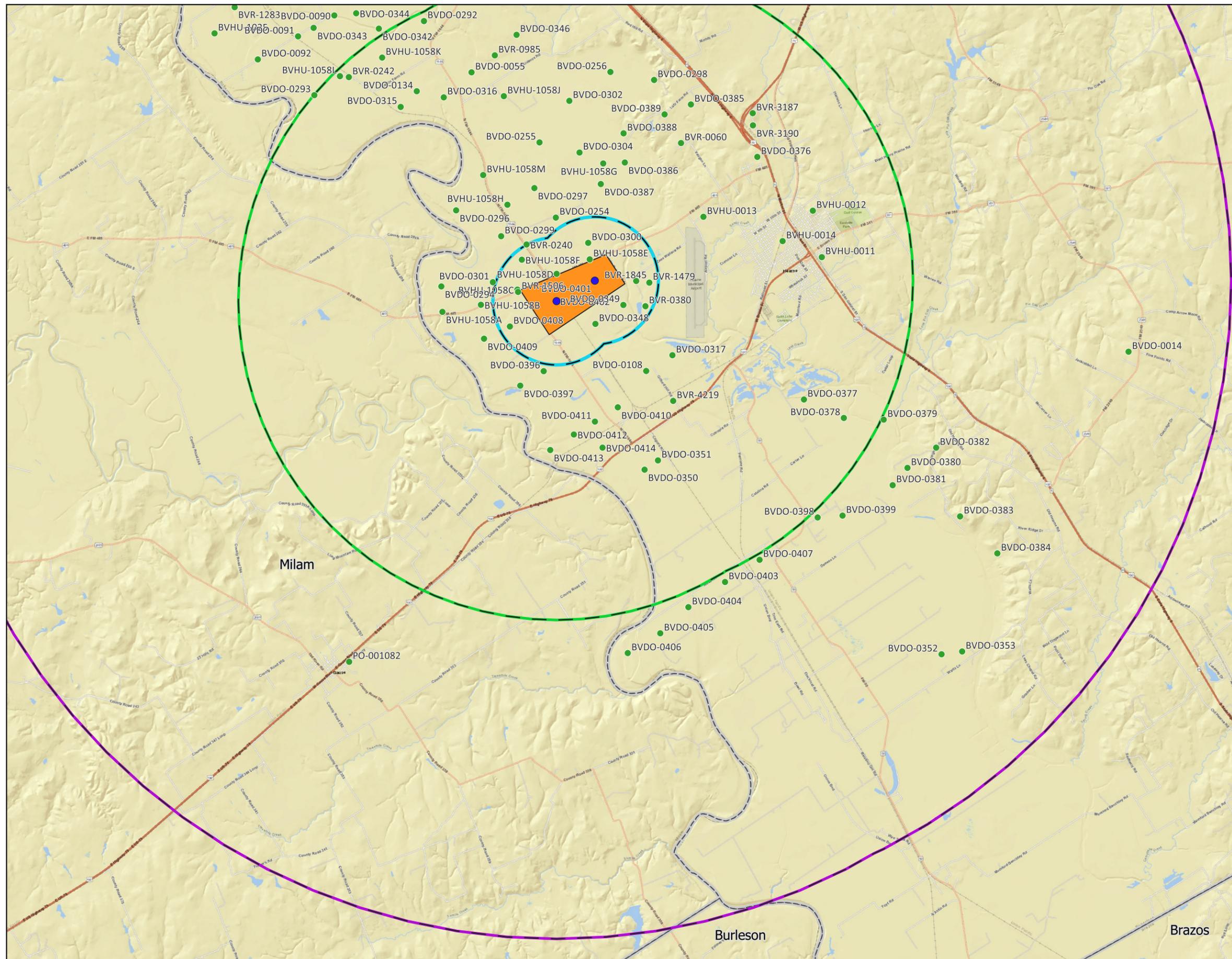
- Moore Permitted Well Location
- BVGCD Registered or Permitted Simsboro Well (as of 01/03/2024)
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 10 Mile Radius from Well Locations
- Moore Property Boundary
- Counties



L. Wiese Moore, LLC

BVGCD Registered and Permitted Wells within 10 Mile





Explanation

- Moore Permitted Well Location
- BVGCD Registered or Permitted Simsboro Well (as of 01/03/2024)
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 10 Mile Radius from Well Locations
- Moore Property Boundary
- Counties



L. Wiese Moore, LLC

BVGCD Registered and Permitted
Wells within 10 Mile



Table 1. Simulated Drawdown at Registered and Permitted Simsboro Wells Within a 1-Mile Radius

Owner	Registration or Permit Number	Latitude	Longitude	Well Depth	Aquifer	Casing Diameter (in)	1 Year Analytical Drawdown, ft.	10 Year Analytical Drawdown, ft.	20 Year Analytical Drawdown, ft.	1 Year GAM Drawdown, ft.	10 Year GAM Drawdown, ft.	20 Year GAM Drawdown, ft.
Cula d'Brazos, LLC	BVDO-0408	30.862192	-96.671514		Simsboro		37	40	44	19	22	27
UW Brazos Valley Farm, LLC	BVDO-0300	30.880632	-96.650098		Simsboro		39	42	46	18	21	26
UW Brazos Valley Farm, LLC	BVHU-1058F	30.877300	-96.667783	1,065	Simsboro	16	39	42	46	16	19	24
UW Brazos Valley Farm, LLC	BVHU-1058D	30.873824	-96.658706	1,131	Simsboro	16	46	49	53	23	26	31
UW Brazos Valley Farm, LLC	BVHU-1058C	30.870527	-96.669211	1,100	Simsboro	16	41	44	47	20	22	27
UW Brazos Valley Farm, LLC	BVHU-1058E	30.876867	-96.649833	1,175	Simsboro	16	45	49	52	22	25	30
UW Brazos Valley Farm, LLC	BVHU-1058F	30.877300	-96.667783	1,065	Simsboro	16	39	42	46	16	19	24
Cula d'Brazos, LLC	BVR-1506	30.870004	-96.669059	1,250	Simsboro	2	41	44	47	20	23	28
Ryan, Sandra & Melvin	BVR-0380	30.865784	-96.635523	1,100	Simsboro	4	37	40	44	17	20	25
Zeig, Joseph & Marian	BVR-1479	30.871119	-96.634288	1,080	Simsboro	4	38	41	44	17	20	25
L. Wiese Moore, LLC	BVDO-0401	30.871983	-96.648675		Simsboro		54	58	61	25	29	34
L. Wiese Moore, LLC	BVDO-0402	30.867614	-96.658967		Simsboro		52	55	58	28	31	36
Wallace, Virginia	BVR-1845	30.871602	-96.637746	1,100	Simsboro	4	38	41	44	19	22	27
Corpora Farms	BVDO-0348	30.862142	-96.648896		Simsboro		41	45	48	21	24	29
Corpora Farms	BVDO-0349	30.866236	-96.641341		Simsboro		39	43	46	19	22	28

Table 2. Simulated Drawdown at Registered and Permitted Simsboro Wells Within a 5-Mile Radius

Owner	Registration or Permit Number	Latitude	Longitude	Well Depth	Aquifer	Casing Diameter (in)	1 Year Analytical Drawdown, ft.	10 Year Analytical Drawdown, ft.	20 Year Analytical Drawdown, ft.	1 Year GAM Drawdown, ft.	10 Year GAM Drawdown, ft.	20 Year GAM Drawdown, ft.
Cula d'Brazos, LLC	BVDO-0408	30.862192	-96.671514		Simsboro		37	40	44	19	22	27
Cula d'Brazos, LLC	BVDO-0410	30.842994	-96.643706		Simsboro		32	36	39	11	14	19
UW Brazos Valley Farm, LLC	BVDO-0292	30.932321	-96.691592		Simsboro		23	26	30	2	4	8
UW Brazos Valley Farm, LLC	BVDO-0297	30.893501	-96.663845		Simsboro		33	36	40	10	12	17
UW Brazos Valley Farm, LLC	BVDO-0299	30.882803	-96.673047		Simsboro		35	38	42	12	15	20
UW Brazos Valley Farm, LLC	BVDO-0301	30.872396	-96.675639		Simsboro		36	39	42	15	18	23
UW Brazos Valley Farm, LLC	BVDO-0298	30.917196	-96.631244		Simsboro		26	29	33	5	8	13
UW Brazos Valley Farm, LLC	BVDO-0300	30.880632	-96.650098		Simsboro		39	42	46	18	21	26
UW Brazos Valley Farm, LLC	BVDO-0302	30.913084	-96.653847		Simsboro		27	31	34	6	8	13
UW Brazos Valley Farm, LLC	BVHU-1058F	30.877300	-96.667783	1,065	Simsboro	16	39	42	46	16	19	24
UW Brazos Valley Farm, LLC	BVDO-0304	30.901250	-96.651604		Simsboro		31	34	38	8	11	16
UW Brazos Valley Farm, LLC	BVDO-0254	30.886626	-96.658433	1,205	Simsboro	18	36	40	43	13	16	22
UW Brazos Valley Farm, LLC	BVDO-0255	30.903856	-96.662094	1,240	Simsboro	18	30	33	36	7	9	15
UW Brazos Valley Farm, LLC	BVDO-0256	30.919348	-96.642734	1,225	Simsboro	18	26	29	33	5	8	13
UW Brazos Valley Farm, LLC	BVDO-0293	30.916287	-96.721219		Simsboro		22	26	29	2	3	6
UW Brazos Valley Farm, LLC	BVDO-0294	30.871826	-96.689291		Simsboro		31	35	38	10	13	17
UW Brazos Valley Farm, LLC	BVDO-0295	30.937420	-96.676560		Simsboro		23	26	29	3	5	9
UW Brazos Valley Farm, LLC	BVDO-0296	30.889026	-96.684725		Simsboro		30	34	37	8	10	14
UW Brazos Valley Farm, LLC	BVHU-1058B	30.867349	-96.678991	1,090	Simsboro	16	34	37	41	14	17	22
UW Brazos Valley Farm, LLC	BVHU-1058D	30.873824	-96.658706	1,131	Simsboro	16	46	49	53	23	26	31
UW Brazos Valley Farm, LLC	BVHU-1058J	30.914647	-96.671122	875	Simsboro	16	27	30	34	5	7	11
UW Brazos Valley Farm, LLC	BVHU-1058L	30.920417	-96.714283	691	Simsboro	16	22	26	29	2	3	6
UW Brazos Valley Farm, LLC	BVHU-1058A	30.866028	-96.689233	1,095	Simsboro	16	31	35	38	11	13	18
UW Brazos Valley Farm, LLC	BVHU-1058C	30.870527	-96.669211	1,100	Simsboro	16	41	44	47	20	22	27
UW Brazos Valley Farm, LLC	BVHU-1058K	30.924333	-96.702966	720	Simsboro	16	23	26	30	2	4	7
UW Brazos Valley Farm, LLC	BVHU-1058E	30.876867	-96.649833	1,175	Simsboro	16	45	49	52	22	25	30
UW Brazos Valley Farm, LLC	BVHU-1058F	30.877300	-96.667783	1,065	Simsboro	16	39	42	46	16	19	24

Owner	Registration or Permit Number	Latitude	Longitude	Well Depth	Aquifer	Casing Diameter (in)	1 Year Analytical Drawdon, ft.	10 Year Analytical Drawdown, ft.	20 Year Analytical Drawdown, ft.	1 Year GAM Drawdown, ft.	10 Year GAM Drawdown, ft.	20 Year GAM Drawdown, ft.
UW Brazos Valley Farm, LLC	BVHU-1058G	30.898588	-96.645434	964	Simsboro	16	31	34	38	9	12	17
UW Brazos Valley Farm, LLC	BVHU-1058H	30.889917	-96.671117	979	Simsboro	16	33	36	39	10	13	17
UW Brazos Valley Farm, LLC	BVHU-1058M	30.896850	-96.677267	930	Simsboro	16	30	33	36	7	10	14
Cula d'Brazos, LLC	BVDO-0412	30.837139	-96.655553		Simsboro		30	34	37	10	14	19
Cula d'Brazos, LLC	BVDO-0413	30.833783	-96.661933		Simsboro		29	33	36	9	12	17
Cula d'Brazos, LLC	BVDO-0414	30.833933	-96.648103		Simsboro		29	33	36	9	13	18
Cula d'Brazos, LLC	BVDO-0409	30.859611	-96.678461				33	37	40	15	17	22
Cula d'Brazos, LLC	BVDO-0411	30.839914	-96.649878				31	35	38	11	14	19
Cula d'Brazos, LLC	BVR-1506	30.870004	-96.669059	1,250		2	41	44	47	20	23	28
Bishop, Robert	BVR-0060	30.902642	-96.624684	1,193		4	28	31	35	7	10	15
Ryan, Sandra & Melvin	BVR-0380	30.865784	-96.635523	1,100		4	37	40	44	17	20	25
UW Brazos Valley Farm, LLC	BVR-0240	30.880729	-96.666403	1,065		4	37	41	44	16	18	23
UW Brazos Valley Farm, LLC	BVR-0242	30.920143	-96.711938	610		4	23	26	30	2	4	7
City Of Hearne	BVHU-0011	30.875602	-96.588473	1,433		14	25	28	32	6	9	15
City Of Hearne	BVDO-0376	30.898904	-96.604637				26	29	32	6	9	14
City Of Hearne	BVHU-0012	30.886238	-96.590434	1,430		12	25	28	32	6	9	14
City Of Hearne	BVHU-0013	30.885689	-96.619408	1,441		10	30	33	37	10	13	18
City Of Hearne	BVHU-0014	30.879554	-96.598692	1,450		12	27	30	33	7	10	16
Skiles, Clifford III	BVDO-0108	30.851042	-96.635889	1,242		16	33	37	40	12	16	21
Skiles, Clifford III	BVDO-0317	30.854431	-96.628822				32	35	39	12	15	20
Sandra Ryan & Bernadette Sloat	BVR-0985	30.924003	-96.673151	735		4	25	28	32	4	6	10
Sandra Ryan & Bernadette Sloat	BVDO-0055	30.920309	-96.679458	840		16	25	29	32	4	6	10
Zeig, Joseph & Marian	BVR-1479	30.871119	-96.634288	1,080		4	38	41	44	17	20	25
Brien, James C.	BVDO-0316	30.914826	-96.687016			18	26	29	32	4	6	10
Brien, James C.	BVDO-0315	30.912966	-96.698488			18	25	28	31	3	5	9
Brien, James C.	BVDO-0134	30.916421	-96.694104	778		16	24	28	31	3	5	9
L. Wiese Moore, LLC	BVDO-0401	30.871983	-96.648675				54	58	61	25	29	34
L. Wiese Moore, LLC	BVDO-0402	30.867614	-96.658967				52	55	58	28	31	36
Cangemi, Sammy	BVR-4219	30.844030	-96.629023	1,142		4	30	33	37	10	13	18
Zeig, Larry J.	BVR-3187	30.908888	-96.605462	1,270		4	25	28	32	5	8	13
Ely Family Partnership	BVDO-0377	30.843353	-96.594456				25	28	31	6	9	15
Ely Family Partnership	BVDO-0378	30.838847	-96.584083				23	27	30	5	8	14
Wallace, Virginia	BVR-1845	30.871602	-96.637746	1,100		4	38	41	44	19	22	27
Corpora Farms	BVDO-0348	30.862142	-96.648896				41	45	48	21	24	29
Corpora Farms	BVDO-0350	30.828601	-96.637179				27	31	34	8	11	16
Corpora Farms	BVDO-0347	30.941075	-96.664942				23	26	29	3	5	9
Corpora Farms	BVDO-0349	30.866236	-96.641341				39	43	46	19	22	28
Corpora Farms	BVDO-0351	30.830612	-96.633565				28	31	34	8	11	16
Swaner, Ronald & Elizabeth	BVR-3190	30.906117	-96.605510	1,225		4	25	29	32	6	9	14
Corpora Farms	BVDO-0345	30.939189	-96.647752	460			23	26	29	3	6	10
Corpora Farms	BVDO-0346	30.928505	-96.667226				25	28	31	4	6	10
RH2O LLC	BVDO-0389	30.909286	-96.628772	1,242		16	27	31	34	6	9	14
RH2O LLC	BVDO-0385	30.911344	-96.621725	420		4	26	29	33	6	9	14
RH2O LLC	BVDO-0386	30.898639	-96.639708				30	34	37	9	12	17
RH2O LLC	BVDO-0387	30.893919	-96.646250	735		4	33	37	40	11	14	19
RH2O LLC	BVDO-0388	30.905286	-96.639786	656		16	29	32	35	7	10	15
Fazzino Investments LP	BVDO-0396	30.851775	-96.662976	565		16	35	39	42	16	19	24
Fazzino Investments LP	BVDO-0397	30.848652	-96.669293	840		16	33	37	40	14	17	22

Table 3. Simulated Drawdown at Registered and Permitted Simsboro Wells Within a 10-Mile Radius

Owner	Registration or Permit Number	Latitude	Longitude	Well Depth	Aquifer	Casing Diameter (in)	1 Year Analytical Drawdown, ft.	10 Year Analytical Drawdown, ft.	20 Year Analytical Drawdown, ft.	1 Year GAM Drawdown, ft.	10 Year GAM Drawdown, ft.	20 Year GAM Drawdown, ft.
Burke, John	BVR-0739	31.008676	-96.632443	500	Simsboro	4	16	19	23	0	2	6
-	PO-001082	30.787104	-96.716877	992	Simsboro		20	23	26	2	5	9
Calvert Country Club	BVR-1699	30.966001	-96.706046	420	Simsboro	4	19	22	26	1	3	6
Calvert Country Club	BVOP-0051	30.964488	-96.707485	440	Simsboro	4	19	22	26	1	3	6
Cula d'Brazos, LLC	BVDO-0408	30.862192	-96.671514		Simsboro		37	40	44	19	22	27
Cula d'Brazos, LLC	BVDO-0410	30.842994	-96.643706		Simsboro		32	36	39	11	14	19
UW Brazos Valley Farm, LLC	BVDO-0292	30.932321	-96.691592		Simsboro		23	26	30	2	4	8
UW Brazos Valley Farm, LLC	BVDO-0297	30.893501	-96.663845		Simsboro		33	36	40	10	12	17
UW Brazos Valley Farm, LLC	BVDO-0299	30.882803	-96.673047		Simsboro		35	38	42	12	15	20
UW Brazos Valley Farm, LLC	BVDO-0301	30.872396	-96.675639		Simsboro		36	39	42	15	18	23
UW Brazos Valley Farm, LLC	BVDO-0298	30.917196	-96.631244		Simsboro		26	29	33	5	8	13
UW Brazos Valley Farm, LLC	BVDO-0300	30.880632	-96.650098		Simsboro		39	42	46	18	21	26
UW Brazos Valley Farm, LLC	BVDO-0302	30.913084	-96.653847		Simsboro		27	31	34	6	8	13
UW Brazos Valley Farm, LLC	BVDO-0303	30.954950	-96.680068		Simsboro		21	24	27	2	4	8
UW Brazos Valley Farm, LLC	BVHU-1058F	30.877300	-96.667783	1,065	Simsboro	16	39	42	46	16	19	24
UW Brazos Valley Farm, LLC	BVDO-0304	30.901250	-96.651604		Simsboro		31	34	38	8	11	16
UW Brazos Valley Farm, LLC	BVDO-0254	30.886626	-96.658433	1,205	Simsboro	18	36	40	43	13	16	22
Perez, John (Landco Investments)	BVR-0461	30.957669	-96.661438	475	Simsboro	4	21	24	27	2	5	8
UW Brazos Valley Farm, LLC	BVDO-0255	30.903856	-96.662094	1,240	Simsboro	18	30	33	36	7	9	15
UW Brazos Valley Farm, LLC	BVDO-0256	30.919348	-96.642734	1,225	Simsboro	18	26	29	33	5	8	13
UW Brazos Valley Farm, LLC	BVDO-0293	30.916287	-96.721219		Simsboro		22	26	29	2	3	6
UW Brazos Valley Farm, LLC	BVDO-0294	30.871826	-96.689291		Simsboro		31	35	38	10	13	17
UW Brazos Valley Farm, LLC	BVDO-0295	30.937420	-96.676560		Simsboro		23	26	29	3	5	9
UW Brazos Valley Farm, LLC	BVDO-0296	30.889026	-96.684725		Simsboro		30	34	37	8	10	14
UW Brazos Valley Farm, LLC	BVHU-1058B	30.867349	-96.678991	1,090	Simsboro	16	34	37	41	14	17	22
UW Brazos Valley Farm, LLC	BVHU-1058D	30.873824	-96.658706	1,131	Simsboro	16	46	49	53	23	26	31
UW Brazos Valley Farm, LLC	BVHU-1058J	30.914647	-96.671122	875	Simsboro	16	27	30	34	5	7	11
UW Brazos Valley Farm, LLC	BVHU-1058L	30.920417	-96.714283	691	Simsboro	16	22	26	29	2	3	6
UW Brazos Valley Farm, LLC	BVHU-1058A	30.866028	-96.689233	1,095	Simsboro	16	31	35	38	11	13	18

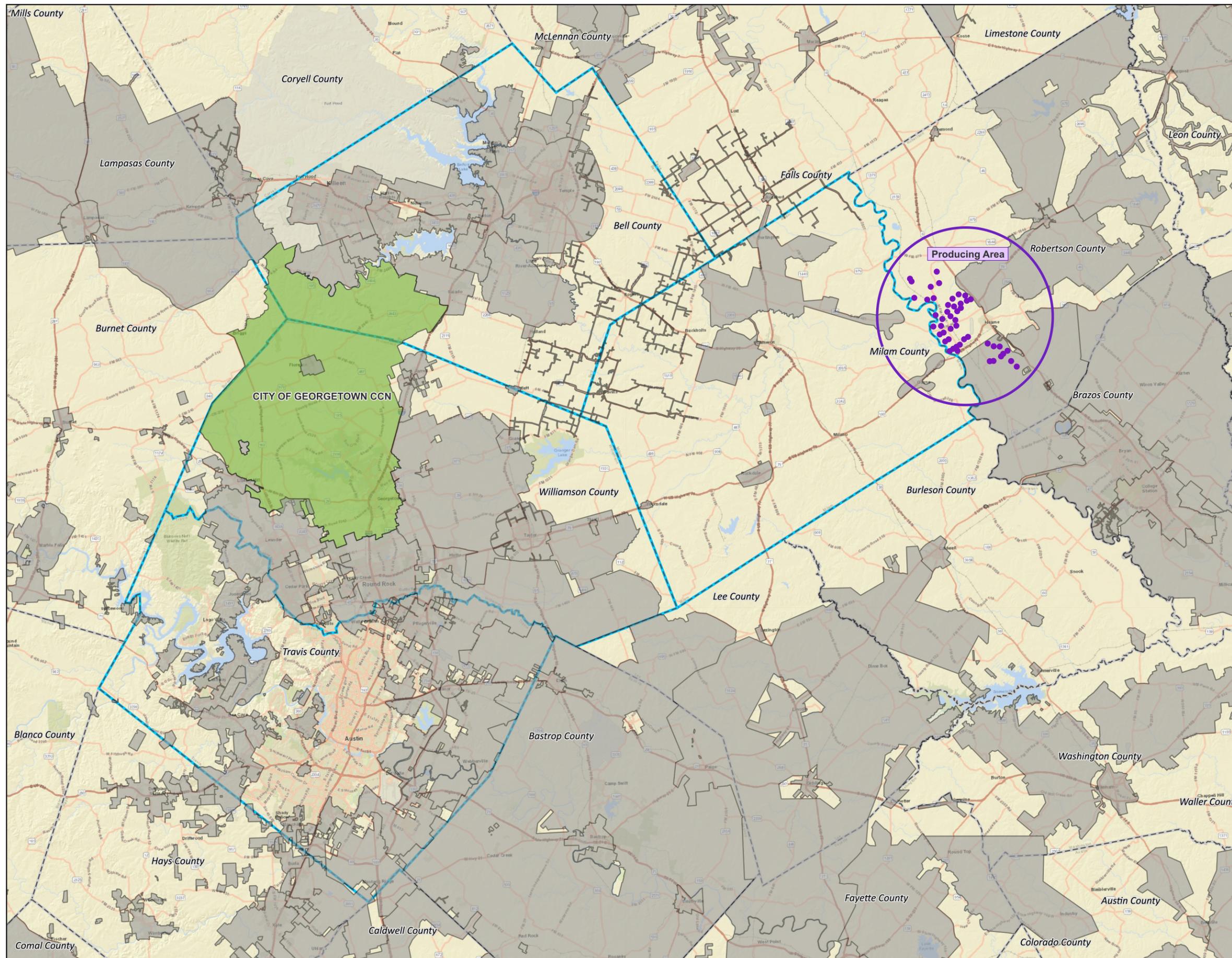
Owner	Registration or Permit Number	Latitude	Longitude	Well Depth	Aquifer	Casing Diameter (in)	1 Year Analytical Drawdown, ft.	10 Year Analytical Drawdown, ft.	20 Year Analytical Drawdown, ft.	1 Year GAM Drawdown, ft.	10 Year GAM Drawdown, ft.	20 Year GAM Drawdown, ft.
UW Brazos Valley Farm, LLC	BVHU-1058C	30.870527	-96.669211	1,100	Simsboro	16	41	44	47	20	22	27
UW Brazos Valley Farm, LLC	BVHU-1058K	30.924333	-96.702966	720	Simsboro	16	23	26	30	2	4	7
UW Brazos Valley Farm, LLC	BVHU-1058E	30.876867	-96.649833	1,175	Simsboro	16	45	49	52	22	25	30
UW Brazos Valley Farm, LLC	BVHU-1058F	30.877300	-96.667783	1,065	Simsboro	16	39	42	46	16	19	24
UW Brazos Valley Farm, LLC	BVHU-1058G	30.898588	-96.645434	964		16	31	34	38	9	12	17
UW Brazos Valley Farm, LLC	BVHU-1058H	30.889917	-96.671117	979		16	33	36	39	10	13	17
UW Brazos Valley Farm, LLC	BVHU-1058M	30.896850	-96.677267	930		16	30	33	36	7	10	14
Maria L. Reistino Estate	BVDO-0092	30.924837	-96.735858	530		16	20	24	27	1	2	4
Cula d'Brazos, LLC	BVDO-0412	30.837139	-96.655553				30	34	37	10	14	19
Cula d'Brazos, LLC	BVDO-0413	30.833783	-96.661933				29	33	36	9	12	17
Cula d'Brazos, LLC	BVDO-0414	30.833933	-96.648103				29	33	36	9	13	18
Cula d'Brazos, LLC	BVDO-0409	30.859611	-96.678461				33	37	40	15	17	22
Cula d'Brazos, LLC	BVDO-0411	30.839914	-96.649878				31	35	38	11	14	19
Cula d'Brazos, LLC	BVR-1506	30.870004	-96.669059	1,250		2	41	44	47	20	23	28
Closs, Barry	BVR-0900	30.974503	-96.660242	590		4	19	22	26	2	4	8
Bishop, Robert	BVR-0060	30.902642	-96.624684	1,193		4	28	31	35	7	10	15
Ryan, Sandra & Melvin	BVR-0380	30.865784	-96.635523	1,100		4	37	40	44	17	20	25
Wellborn Special Utility District	BVDO-0014	30.851710	-96.508264	2,020		16	17	21	24	0	4	10
Wenger, Joshua R. & Megan	BVR-1396	30.966263	-96.661960	660		4	20	23	27	2	4	8
Epps, Frank N.	BVOP-0047	30.963447	-96.653288	660		4	20	23	27	2	4	8
UW Brazos Valley Farm, LLC	BVR-0240	30.880729	-96.666403	1,065		4	37	41	44	16	18	23
UW Brazos Valley Farm, LLC	BVR-0242	30.920143	-96.711938	610		4	23	26	30	2	4	7
Fazzino, Lee Jr.	BVR-1283	30.936893	-96.741546	460		4	19	23	26	0	1	3
City of Calvert	BVDO-0320	30.971170	-96.676495			12	19	22	26	2	4	7
City of Calvert	BVOP-0011	30.975810	-96.672639	738			19	22	25	1	4	7
City of Calvert	BVOP-0010	30.976010	-96.672707	683		16	19	22	25	1	4	7
City of Calvert	BVOP-0012	30.975021	-96.673458	661		16	19	22	25	1	4	7
Fazzino, Lee Jr.	BVHU-1025	30.931082	-96.747085	580		16	20	23	26	0	1	3
Fazzino, Lee Jr.	BVR-3045	30.954697	-96.703322	404		4	20	23	26	1	3	6
Siegert, Rick & Sheri	BVR-3744	30.955897	-96.616290	880		4	20	23	27	2	5	9
Deason, Jack	BVR-0023	30.953863	-96.688686	510		4	21	24	27	2	4	7
Knox, James	BVR-0941	30.998770	-96.639289	527		4	17	20	24	0	3	6
City Of Hearne	BVHU-0011	30.875602	-96.588473	1,433		14	25	28	32	6	9	15
City Of Hearne	BVDO-0376	30.898904	-96.604637				26	29	32	6	9	14
City Of Hearne	BVHU-0012	30.886238	-96.590434	1,430		12	25	28	32	6	9	14
City Of Hearne	BVHU-0013	30.885689	-96.619408	1,441		10	30	33	37	10	13	18
City Of Hearne	BVHU-0014	30.879554	-96.598692	1,450		12	27	30	33	7	10	16
Gaas, Richard R. & Cathy	BVR-0784	31.011589	-96.645635	460		4	16	19	23	0	1	4
Gaas, Richard R. & Cathy	BVR-4641	31.011486	-96.645573			4	16	19	23	0	1	4
Skiles, Clifford III	BVDO-0108	30.851042	-96.635889	1,242		16	33	37	40	12	16	21
Holmgreen, Pat & Renee	BVR-1861	30.953556	-96.719008	420		4	19	23	26	1	2	4
Skiles, Clifford III	BVDO-0317	30.854431	-96.628822				32	35	39	12	15	20
Sandra Ryan & Bernadette Sloat	BVR-0985	30.924003	-96.673151	735		4	25	28	32	4	6	10

Owner	Registration or Permit Number	Latitude	Longitude	Well Depth	Aquifer	Casing Diameter (in)	1 Year Analytical Drawdown, ft.	10 Year Analytical Drawdown, ft.	20 Year Analytical Drawdown, ft.	1 Year GAM Drawdown, ft.	10 Year GAM Drawdown, ft.	20 Year GAM Drawdown, ft.
Sandra Ryan & Bernadette Sloat	BVDO-0090	30.934280	-96.715252	656		16	21	25	28	1	3	6
Sandra Ryan & Bernadette Sloat	BVDO-0091	30.929786	-96.725021	565		16	21	24	28	1	3	5
Sandra Ryan & Bernadette Sloat	BVDO-0055	30.920309	-96.679458	840		16	25	29	32	4	6	10
Lopez, Claude & Karen	BVR-3086	30.968125	-96.649345	627		4	20	23	26	2	4	8
Flemings, Nancy	BVR-1894	30.957995	-96.691058	515		4	20	23	27	2	4	7
Bland, Andy	BVR-1304	30.946604	-96.681069	560		4	22	25	28	2	4	8
Zeig, Joseph & Marian	BVR-1479	30.871119	-96.634288	1,080		4	38	41	44	17	20	25
Denena, Leon A. Jr	BVR-1574	30.947221	-96.688598	530		4	21	24	28	2	4	7
Burnside Investments, Inc.	BVDO-0403	30.802439	-96.616914				22	26	29	4	7	13
Burnside Investments, Inc.	BVDO-0404	30.796989	-96.626811				22	25	29	3	7	13
Burnside Investments, Inc.	BVDO-0405	30.791261	-96.634472				22	25	28	3	7	12
Burnside Investments, Inc.	BVDO-0406	30.787008	-96.643233				21	24	28	3	6	12
Burnside Investments, Inc.	BVDO-0407	30.807222	-96.607594				22	26	29	4	7	13
Triple C Ranch	BVR-0846	30.962101	-96.670091	590		4	20	23	27	2	4	8
Neff, Tim	BVR-0655	30.936669	-96.513962	1,530		4	16	20	23	1	4	9
Brien, James C.	BVDO-0316	30.914826	-96.687016			18	26	29	32	4	6	10
Brien, James C.	BVDO-0315	30.912966	-96.698488			18	25	28	31	3	5	9
Brien, James C.	BVDO-0134	30.916421	-96.694104	778		16	24	28	31	3	5	9
Robertson County WSC	BVHU-0016	30.978596	-96.541256	1,410		11	16	19	22	1	4	8
Robertson County WSC	BVHU-0016	30.978596	-96.541256	1,410		11	16	19	22	1	4	8
L. Wiese Moore, LLC	BVDO-0401	30.871983	-96.648675				54	58	61	25	29	34
L. Wiese Moore, LLC	BVDO-0402	30.867614	-96.658967				52	55	58	28	31	36
Kuiper, Chris & Linda	BVR-3950	30.992505	-96.622070	600		4	17	21	24	1	3	7
Guild, Joan R.	BVR-2674	30.994412	-96.607663	556		4	17	20	24	1	3	7
Garcia, Maximiliano	BVR-4061	30.951138	-96.690366	450		4	21	24	27	2	4	7
Hill, Betty E.	BVR-3005	31.003942	-96.694158	407		6	16	20	23	0	0	3
Hill, Betty E.	BVR-3006	31.006183	-96.690410	594		4	16	19	23	0	0	3
Cangemi, Sammy	BVR-4219	30.844030	-96.629023	1,142		4	30	33	37	10	13	18
Eliot Family Limited Partnership	BVR-3047	30.956312	-96.716631	485		4	19	23	26	1	2	5
Calvert Livestock, Inc.	BVR-3048	30.965672	-96.665187	667		4	20	23	27	2	4	8
Mears, Jeffrey L.	BVR-3049	30.957407	-96.667688	620		4	20	24	27	2	4	8
Zeig, Larry J.	BVR-3187	30.908888	-96.605462	1,270		4	25	28	32	5	8	13
Rychlik, Randall D.	BVR-0118	30.995918	-96.680121	365		4	17	20	24	0	1	4
Ely Family Partnership	BVDO-0384	30.806858	-96.544747				18	21	25	0	4	11
Ely Family Partnership	BVDO-0377	30.843353	-96.594456				25	28	31	6	9	15
Ely Family Partnership	BVDO-0378	30.838847	-96.584083				23	27	30	5	8	14
Ely Family Partnership	BVDO-0379	30.838158	-96.573567				22	25	29	4	7	13
Ely Family Partnership	BVDO-0381	30.823175	-96.571783				21	24	28	3	6	12
Ely Family Partnership	BVDO-0383	30.815553	-96.554250				19	23	26	1	5	11
Ely Family Partnership	BVDO-0380	30.827000	-96.567717				21	24	28	3	6	12
Ely Family Partnership	BVDO-0382	30.831378	-96.559953				21	24	27	2	6	12
Hamilton, Kurt & Elsa	BVR-3668	30.989828	-96.624315	585		4	18	21	24	1	4	7
Bingle Road Properties, LP	BVR-4303	31.008355	-96.612897	520		4	16	19	23	0	3	6
Wallace, Virginia	BVR-1845	30.871602	-96.637746	1,100		4	38	41	44	19	22	27
Irick, Monica W.	BVR-3084	31.001835	-96.622868	420		4	17	20	23	1	3	7
The Bamm Trust	BVR-1321	30.979994	-96.655092	550		4	19	22	25	1	4	7

Owner	Registration or Permit Number	Latitude	Longitude	Well Depth	Aquifer	Casing Diameter (in)	1 Year Analytical Drawdown, ft.	10 Year Analytical Drawdown, ft.	20 Year Analytical Drawdown, ft.	1 Year GAM Drawdown, ft.	10 Year GAM Drawdown, ft.	20 Year GAM Drawdown, ft.
Ottea, Monica M.	BVR-4363	30.953794	-96.717956			4	20	23	26	1	2	5
Ottea, Monica M.	BVR-4236	30.953857	-96.717906	477		4.5	20	23	26	1	2	5
Morrison, David & Connie	BVR-1329	30.982614	-96.622909	605		4	18	21	25	1	4	8
Grimes, Coylin & Diane	BVR-4297	30.956929	-96.659539	668		4	21	24	27	2	5	8
10786 Vaughn Agricultural, LLC	BVOP-0322	31.012027	-96.687656			6	16	19	23	0	0	3
Amos, David	BVR-1773	30.962742	-96.659380	720		4	20	24	27	2	4	8
10786 Vaughn Agricultural, LLC	BVOP-0322	31.012027	-96.687656			6	16	19	23	0	0	3
New Magnolia Baptist Church	BVR-3041	30.952959	-96.690806	461		4	21	24	27	2	4	7
Sabrsula, Jim	BVR-3053	31.000027	-96.627700	500		4	17	20	24	1	3	7
Pettit, Kenneth R. Sr.	BVR-4652	30.978920	-96.685880	425		4	18	22	25	1	3	7
Badgerjack Resource Holding, LP	BVDO-0325	31.015504	-96.662516				16	19	22	0	1	4
Badgerjack Resource Holding, LP	BVDO-0324	31.009261	-96.675999				16	19	23	0	0	3
Badgerjack Resource Holding, LP	BVDO-0334	31.005677	-96.655249				16	20	23	0	1	4
Corpora Farms	BVDO-0341	30.967123	-96.681905				20	23	26	2	4	7
Corpora Farms	BVDO-0348	30.862142	-96.648896				41	45	48	21	24	29
Corpora Farms	BVDO-0350	30.828601	-96.637179				27	31	34	8	11	16
Corpora Farms	BVDO-0342	30.930936	-96.703584				22	26	29	2	4	7
Corpora Farms	BVDO-0347	30.941075	-96.664942				23	26	29	3	5	9
Corpora Farms	BVDO-0349	30.866236	-96.641341				39	43	46	19	22	28
Corpora Farms	BVDO-0351	30.830612	-96.633565				28	31	34	8	11	16
Corpora Farms	BVDO-0352	30.784337	-96.560379				21	24	24	0	4	11
Corpora Farms	BVDO-0353	30.784810	-96.554918				18	21	24	0	4	10
Corpora Farms	BVDO-0343	30.931603	-96.720836				21	24	28	1	3	5
Naranjo, Audencio	BVR-3104	30.962380	-96.674672	460		4	20	23	27	2	4	7
Swaner, Ronald & Elizabeth	BVR-3190	30.906117	-96.605510	1,225		4	25	29	32	6	9	14
Vacek, Charles Lori	BVR-4281	30.994940	-96.634338			4	17	20	24	1	3	7
Berger, Dwayne	BVR-4287	31.011512	-96.638853	540		4	16	19	23	-1	2	5
Howard, Shirley J.	BVR-3044	30.953064	-96.670912	660		4	21	25	28	2	4	8
Barber, Dianna L.	BVR-3052	31.004433	-96.629616	448		4	16	20	23	0	3	6
Corpora Farms	BVDO-0344	30.934607	-96.709457				21	25	28	2	3	6
Corpora Farms	BVDO-0345	30.939189	-96.647752				23	26	29	3	6	10
Corpora Farms	BVDO-0346	30.928505	-96.667226				25	28	31	4	6	10
Salcido, Justen	BVR-4651	30.987086	-96.622479	640		4	18	21	24	1	4	7
RH2O LLC	BVDO-0389	30.909286	-96.628772			16	27	31	34	6	9	14
RH2O LLC	BVDO-0385	30.911344	-96.621725				26	29	33	6	9	14
RH2O LLC	BVDO-0386	30.898639	-96.639708				30	34	37	9	12	17
RH2O LLC	BVDO-0387	30.893919	-96.646250				33	37	40	11	14	19
RH2O LLC	BVDO-0388	30.905286	-96.639786				29	32	35	7	10	15
Aggie Nooks, LLC	BVR-4137	30.963367	-96.697307	485		5	19	23	26	1	3	6
Powers, Linda	BVR-4282	30.996521	-96.625017			4	17	20	24	1	3	7
Amburgey, Loretta	BVR-4288	31.011059	-96.633712			4	16	19	23	0	2	5
Hopkins, Jason & Rachel	BVR-4299	30.988807	-96.653770			4	18	21	24	1	3	7
Keyes, Barbara W.	BVR-4408	30.963877	-96.709797	440		4	19	22	26	1	3	6
Wills, Gwendolyn W.	BVR-4524	30.981080	-96.686232	390		4	18	22	25	1	3	7
Fazzino Investments LP	BVDO-0394	30.945554	-96.727687				19	23	26	0	2	4
Fazzino Investments LP	BVDO-0395	30.941356	-96.725083				20	23	27	1	2	5
Fazzino Investments LP	BVDO-0396	30.851775	-96.662976				35	39	42	16	19	24
Fazzino Investments LP	BVDO-0398	30.816412	-96.591883				22	25	29	3	7	13
Fazzino Investments LP	BVDO-0397	30.848652	-96.669293				33	37	40	14	17	22

Owner	Registration or Permit Number	Latitude	Longitude	Well Depth	Aquifer	Casing Diameter (in)	1 Year Analytical Drawdon, ft.	10 Year Analytical Drawdown, ft.	20 Year Analytical Drawdown, ft.	1 Year GAM Drawdown, ft.	10 Year GAM Drawdown, ft.	20 Year GAM Drawdown, ft.
Fazzino Investments LP	BVDO-0399	30.816641	-96.585293				22	25	28	3	7	13

APPENDIX C



Explanation

- Well Locations
- City of Georgetown CCN
- PUC CCN
- Counties of Interest
- Counties



Producing and Receiving Areas and CCNS

Attachment D – Affidavit of Legal Rights

AFFIDAVIT OF LEGAL RIGHT TO PRODUCE GROUNDWATER

(Entity Form)

BEFORE ME, the undersigned authority, on this day personally appeared Laura Wiese Moore, who being duly sworn on his oath, says and deposes as follows:

"My name is Laura Wiese Moore. I am the Principal (title) of L Wiese Moore, LLC (name of entity) (hereinafter referred to as the "Applicant"). I have been authorized by L Wiese Moore, LLC (name of entity) to give this affidavit. I am of sound mind, over eighteen (18) years of age, and have never been convicted of a felony or of a crime involving moral turpitude. My address is 2208 Churchill Loop, Grapevine, Texas. I have personal knowledge of the facts stated herein, and they are true and correct.

1. I am submitting to the Brazos Valley Groundwater Conservation District ("District") an application for a drilling and/or operating permit on behalf of the Applicant for a water well located at See attached map.
2. Applicant has the legal authority to produce the groundwater associated with the land surface and the permit application for the well listed in #1 above, as required by District Rule 7.1(c).
3. Exhibit A, attached hereto, is the map that identifies the water rights to be legally controlled by the Applicant under District Rule 7.1(c) for the well listed in #1 above.
4. I have provided to the District documents that prove Applicant's right to own, control, or produce the groundwater rights associated with the permit application for the well listed in #1 above, as required by District Rule 7.1(c).
5. I have provided to the District documents, if any, that fully evidence all transfer(s) of Applicant's right to own, control, or produce the groundwater rights to another person/entity that are associated with the land surface and the permit application, as required by Rule 7. I(c). And I understand that I am required to provide such transfer documents as they occur in the future.
6. I understand that a permit may be amended or revoked if the groundwater rights or right to produce, related to a permit under Rule 7.1(c), are legally transferred to another person/entity.

FURTHER AFFIANT SAYETH NOT."

Signed Laura Wiese Moore
Authorized representative of Applicant

SWORN AND SUBSCRIBED to before me on this the 28 day of July, 2023.

(Notary Seal)



[Signature]
Notary Public in and for the State of Texas
My Commission Expires: 05/22/26

DETAILS REPORT

**Note: Report is Sorted in Ascending Order by Office, Recorded Date, Document Number

Doc#	Document Type	Book/Vlm/Page	File Date
20104822	SPECIAL W/D	OR/01119/689	11/10/2010
Street	Street Name	Description	
		G A NIXON 11 LGE A31 ETAL 600 AC	
Grantors	Grantees	Street	Property Description
MOORE LAURA W L WIESE MOORE LLC TR , MOORE LAURA W LIVING TRUST			G A NIXON 11 LGE A31 ETAL 600 AC
References			
Book/Vlm/Page	Description	Recorded year	
Legal Description\Remarks			
Lot	Block	Subdivision	Plat

SPECIAL WARRANTY DEED

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OF THE FOLLOWING INFORMATION FROM THIS INSTRUMENT BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

Date: _____

Grantor: Laura W. Moore, as Trustee for The Laura W. Moore Living Trust,
dated November 24, 1992

Grantor's Mailing Address (including county): 3900 Grapevine Mills Parkway, #1335
Grapevine, Texas 76051
Tarrant County

Grantee: L. Wiese Moore, LLC

Grantees' Mailing Address (including county): 3900 Grapevine Mills Parkway, #1335
Grapevine, Texas 76051
Tarrant County

Consideration:

Ten Dollars and No/100 (\$10.00), and other good and valuable consideration, the receipt of which is hereby acknowledged.

Property (including improvements):

All that certain Six Hundred (600) acres of land, more or less, out of and a part of the J. D. Robertson Survey in conflict with the G. A. Nixon Eleven Leagues, Abstract No. 31 in Robertson County, Texas, and being the same property described in a Deed duly recorded in Volume 328, Page 491 of the Public Records of Robertson County, Texas, and described by metes and bounds as follows:

Being 599 acres being Lots Numbered Two (2), Three (3), Four (4), Five (5), and Six (6), in the partition and division of the J. R. Robertson Estate, Lot No. 2 being set apart originally to F. D. Robertson, Lot 3 to S. C. Robertson, Lot 4 to Fannie Napier, Lot 5 to Van & Ransellar Iron, Lot 6 to A. J. Robertson, Lots 2 and 3 commonly known as the Cramer Place and Lots 4, 5, and 6 as the Jack Robertson Place, all of which are described by metes and bounds in one tract as follows:

BEGINNING at the S. W. corner of the H. H. Robertson tract of said partition owned by John C. Ford, it being the S. E. Corner of the 120 acre tract of No. 6 set apart to A. J. Robertson, a stake just west of the west bank of the Little Brazos River, whence a pecan mkd H. brs. N. 40 E. 17 vrs. and a DO mkd H. brs. N. 41 E. 23 vrs., this corner being on the S. line of said Jr. R. Robertson headright;

Doc 20104822 Bk OR Vol 1119 Pg 689

SPECIAL WARRANTY DEED

THENCE N. 31 1/4 W. 1010 brs. on the W. line of the H. H. Robertson Survey to his corner same being the N. E. Corner of said Lot No. 6, stake in the S. line of the H. R. McGrew Survey in conflict with the G. A. Nixon 11 Leagues from which an elm mkd. H. brs. S. 81 E. 11 vrs. and another mkd. H. brs. N. 30 W. 15 vrs.;

THENCE S. 60 W. 2716 vrs. on the S. line of said McGrew Survey and the N. line of No. 6, 648 vrs. N. 5, 488 vrs. No. 4, 787 vrs. No. 3, 483 vrs. No. 2, 600 vrs. to the N. W. Corner of Lot No. 2, a stake in said McGrew line an elm mkd. X brs. N. 55 E. 2 vrs.;

THENCE S. 31 1/4 E. 1557 vrs. with the W. line of No. 2 to its S. W. cor. for S. W. Corner of this survey a stake set in the S. line of said J. R. Robertson headright, a hickory mkd. X brs. S. 18 E. 12 vrs.;

THENCE N. 58 3/4 E. 2658 vrs. on said Robertson's line and on the S. Line of No. 2, 588 No. 3, 473 vrs. No. 4, 487 vrs. No. 5, 478 vrs. and No. 6, 632 vrs. to the place of beginning containing 599 acres more or less SAVE and EXCEPT a tract of about 8.67 acres more or less sold to the I. and G. N. R. R. for right of way and at the S. W. corner about 1/10 of an acre to Aldredge for out-let to Lot No. 10 of these divisions, leaving 590.23 acres more or less conveyed hereby and same being the same land described in a Deed from J. B. Dunn, et ux to W. C. Anderson, Jr. dated December 7, 1918 recorded in Volume 69, Page 263 of the Deed Records of Robertson County, Texas;

SAVE AND EXCEPT an undivided one (1/2) interest reserved to Ellen Wiese Brien, her heirs and assigns, of the oil, gas and other minerals, excluding the coal and lignite coal in, on or produced from the real property set forth herein; together with the right of ingress and egress at all times for the purpose of mining, drilling, exploring, operating and developing said lands for oil, gas, liquid or gaseous hydrocarbons, sulphurs, metals, ores and or any and all metals and minerals, except coal and lignite which for the purposes herein shall be considered a part of the surface estate, and removing the same therefrom.

Reservations:

Easements, rights-of-way, and prescriptive rights, whether of record or not, and all presently recorded instruments other than liens and conveyances that affect the property.

Grantor, for the considerations and subject to the reservations from and exceptions to conveyance and warranty, hereby grants, sells and conveys to Grantee the property, together with all and singular the rights and appurtenances thereto in anywise belonging unto the said Grantee, Grantee's heirs, executors, administrators, successors, or assigns forever. Grantor binds Grantor and Grantor's heirs, executors and administrators to warrant and forever defend all and singular the said property unto Grantee, against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the reservations from and exceptions to conveyance and warranty, when claim is by, through, or under Grantor, but not otherwise.

Doc 20104822 Bk OR Vol 1119 Ps 690

SPECIAL WARRANTY DEED

Where context requires, singular nouns and pronouns include the plural.

Laura W. Moore

LAURA W. MOORE, as Trustee for The Laura
W. Moore Living Trust

STATE OF TEXAS

COUNTY OF TARRANT

Before me, the undersigned authority, personally appeared LAURA W. MOORE, as Trustee for The Laura W. Moore Living Trust, who acknowledged to me that she did sign the foregoing instrument, and acknowledged to me that she executed the same for the uses and purposes and considerations therein expressed.

Given under my hand and seal this 9th day of November, 20 10.



Kathy A. Gregory
Notary Public, State of Texas

After recording, please return to:

Ms. Laura W. Moore
3900 Grapevine Mills Parkway, #1335
Grapevine, Texas 76051

Doc Bk Vol Pg
20104822 OR 1119 691

SPECIAL WARRANTY DEED

AFFIDAVIT OF LEGAL RIGHT TO GROUNDWATER

BEFORE ME, the undersigned authority, on this day personally appeared David Lynch, who being duly sworn on his oath, says and deposes as follows:

“My name is David L. Lynch. I am the Member (*title*) of UW Brazos Valley Farm LLC (*name of entity*) (hereinafter referred to as the “Co-Applicant”). I have been authorized by UW Brazos Valley Farm LLC (*name of entity*) to give this affidavit. I am of sound mind, over eighteen (18) years of age, and have never been convicted of a felony or of a crime involving moral turpitude. My address is 7670 Woodway Drive, Suite 200, Houston, Texas 77063. I have personal knowledge of the facts stated herein, and they are true and correct.

1. I am submitting to the Brazos Valley Groundwater Conservation District (“District”) an application addendum for the transport permit related to previously authorized production from water wells located as specified in **BVDO-0401; BVDO-0402** (“Water Rights”).
2. Co-Applicant entered into an Exclusive Option to Lease Agreement with **L. Wiese Moore, LLC** (“Applicant”)] by which, if the option is exercised, the Co-Applicant will enter into a long-term Groundwater Lease Agreement with Applicant that grants Co-Applicant the rights to produce and transport groundwater under the Water Rights as described in the pending Transport Permit application and a related agreement consenting to submittal of the application addendum (“Co-Applicant Rights”).
3. Applicant previously submitted an affidavit and documentation of its legal authority to produce the groundwater associated with the land surface and the permit application for the wells covered by the Water Rights, as required by District Rule 7.1(c), and related map figures (“Applicant Affidavit”).
4. I am attaching to this affidavit a true and correct copy of the Memorandum of Exclusive Option to prove the Co-Applicant Rights with respect to the groundwater rights associated with the permit application for the wells under the Water Rights, which together with the Applicant Affidavit, address the right to own, control, or produce the groundwater rights for the Simsboro groundwater addressed in the Water Rights.
5. I have provided to the District documents, if any, that fully evidence all transfer(s) of Co-Applicant’s right to own, control, or produce the groundwater rights to another person/entity that are associated with the land surface and the permit application, as required by Rule 7.1(c). And I understand that I am required to provide such transfer documents as they occur in the future.
6. I understand that a permit may be amended or revoked in accordance with District Rules if the groundwater rights or right to produce, related to a permit under Rule 7.1(c), are legally transferred to another person/entity.

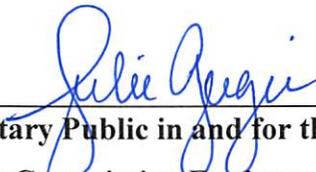
FURTHER AFFIANT SAYETH NOT.”

Signed 
Authorized representative of
Co-Applicant

SWORN AND SUBSCRIBED to before me on this the 13th day of March, 2024.

(Notary Seal)




Notary Public in and for the State of Texas
My Commission Expires: 09/15/2026