



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 Ely Family Partnership, LP 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

Attachment A – BVGCD Transport Permit Application Form



Transport Permit Application

For District Use Only:

Application Date
Temporary Permit Number

SECTION I – APPLICANT

Name of Applicant: Ely Family Partnership LP

Contact Person: Ed McCarthy

Mailing Address: P.O. Box 868

City Hearne State Texas Zip 77859

Phone Number (979) 219-2919

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: 13,873 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-0378, BVDO-0379, BVDO-0380, BVDO-0381, BVDO-0382, BVDO-0383,

BVDO-0384, BVDO-0385

Landowner Name Ely Family Partnership LP

Mailing Address P.O.Box 868

City Hearne **State** Texas **Zip** 77859

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



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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 _____



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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

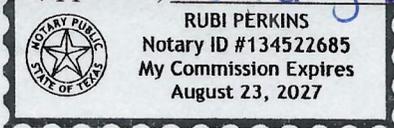
I certify that all statements and information in this application are true and correct.

Bradley E. Gley, Auth. Rep
Signature of Applicant

THE STATE OF TEXAS
COUNTY OF ROBERTSON

This instrument was acknowledged before me on (date) 1/11/2024

By (applicant) Bradley E. Gley



(NOTARY SEAL)

Rubi Perkins
Notary Signature

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

Applicant Certification

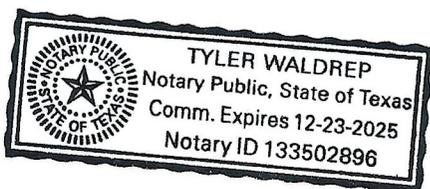
I certify on behalf of Applicant **Ely Family Partnership LP**, that Applicant is requesting the modification of its transport permit application per the attached package, including the addition of UW Brazos Valley Farm LLC as Co-Applicant to be co-permittee, specifying that the application is to transport 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.

Ely Family Partnership LP

Signed *Bradley E. Ely*
**Bradley E. Ely, Authorized representative
of Ely Family Partnership LP**

SWORN AND SUBSCRIBED to before me on this the 14th day of March, 2024.

(Notary Seal)



Tyler Waldrep

Notary Public in and for the State of Texas

My Commission Expires: 12.23.25



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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 13,873 acre-feet per year as part of the UWBVF Project (defined in Att. C). 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.



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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: _____ _____ _____



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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 _____



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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.

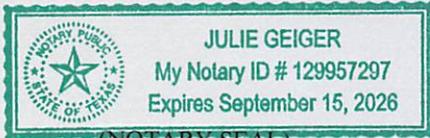
Signature of Applicant (Co-Applicant)

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	BVGCD Permit	Pumping Rate (gpm)	Annual Permit Allocation (Acre-Feet)	Latitude DMS	Longitude DMS
No. 1	BVDO-0377	1,150	1,484	96°35'40.04"W	30°50'36.07"N
No. 2	BVDO-0378	2,000	2,581	96°35'02.70"W	30°50'19.85"N
No. 3	BVDO-0379	850	1,097	96°34'24.84"W	30°50'17.37"N
No. 4	BVDO-0380	1,600	2,065	96°34'03.78"W	30°49'37.20"N
No. 5	BVDO-0381	1,100	1,419	96°34'18.42"W	30°49'23.43"N
No. 6	BVDO-0382	1,600	2,065	96°33'35.83"W	30°49'52.96"N
No. 7	BVDO-0383	1,400	1,807	96°33'15.30"W	30°48'55.99"N
No. 8	BVDO-0384	1,050	1,355	96°32'41.09"W	30°48'24.69"N
Total			13,873		

Table B			
Well		Total Depth (Approx. ft BGL)	Depth to Screen (Approx. Ft BGL)
No. 1	BVDO-0377	1,830	1,285
No. 2	BVDO-0378	1,863	1,314
No. 3	BVDO-0379	2,050	1,480
No. 4	BVDO-0380	2,050	1,480
No. 5	BVDO-0381	2,050	1,480
No. 6	BVDO-0382	2,050	1,480
No. 7	BVDO-0383	2,170	1,720
No. 8	BVDO-0384	2,270	1,830

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 eight (8) of Ely Family Partnership, LP (EFP's or Applicant's) authorized wells up to 13,873 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 EFP 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 UWBFV in conjunction with and agreed to by BVGCD on October 22, 2022, would be available in connection with EFP'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., EFP) 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 13,872 acre-feet per year from the Simsboro Aquifer were presented in the Aquifer Evaluation Report submitted with the EFP Drilling/Operating Permit Application package (see Thornhill Group, Inc., July 19, 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 EFP pumping 13,872 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 EFP property and proposed wells:

GAM Run Estimates

Distance from EFP Wells	Ranges in Drawdown per Modeled Duration of Pumping		
	1 Year	10 Years	20 Years
1 Mile	48 to 71	60 to 82	67 to 88
5 Miles	18 to 71	26 to 82	31 to 88
10 Miles	4 to 71	8 to 82	11 to 88

Analytical Modeling Estimates

Distance from EFP Wells	Ranges in Drawdown per Modeled Duration of Pumping		
	1 Year	10 Years	20 Years
1 Mile	82 to 100	90 to 109	116 to 136
5 Miles	49 to 100	57 to 109	85 to 136
10 Miles	37 to 100	45 to 109	72 to 136

Per BVGCD Rule 8.4(b)(B), an evaluation of the effects of the proposed EFP well pumping of 13,872 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 for simulate the possible effects on the current DFC based on the following pumping scenarios:

- ✓ EFP well pumping 13,872 acre-feet per year through 2070;
- ✓ EFP well pumping 13,872 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 EFP	163,850 acre-feet/year*	288 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 EFP'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 UWBVF project area) and Simsboro groundwater from the adjacent county. While the proposed EPCOR/UWBVF 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 EFP 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, EFP 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 EFP'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

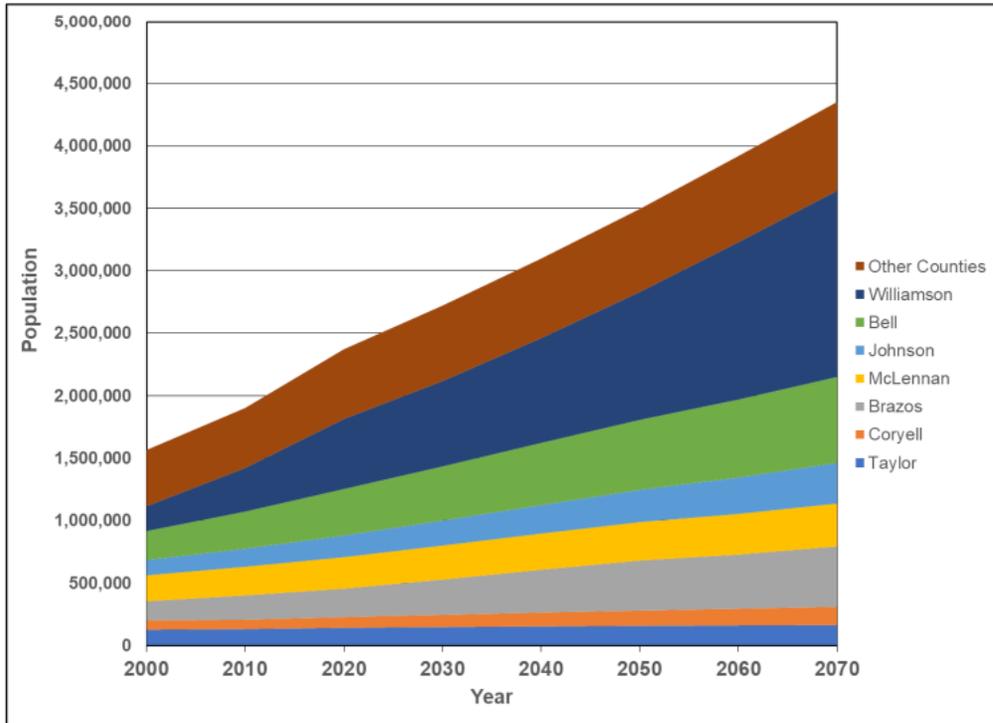
measures will be in accordance with sound engineering practices and applicable law, such as public water system regulations. Also, as required by 31 TAC 358.6 (Water Loss Audits) and summarized by the TWDB, “Currently, all retail public water systems with more than 3,300 connections or a financial obligation 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%202%20-%20Population%20and%20Water%20Demands.pdf and
 - https://www.twdb.texas.gov/waterplanning/rwp/plans/2021/L/RegionL_2021RWP_V1.pdf?d=4631.8999999991059 –

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

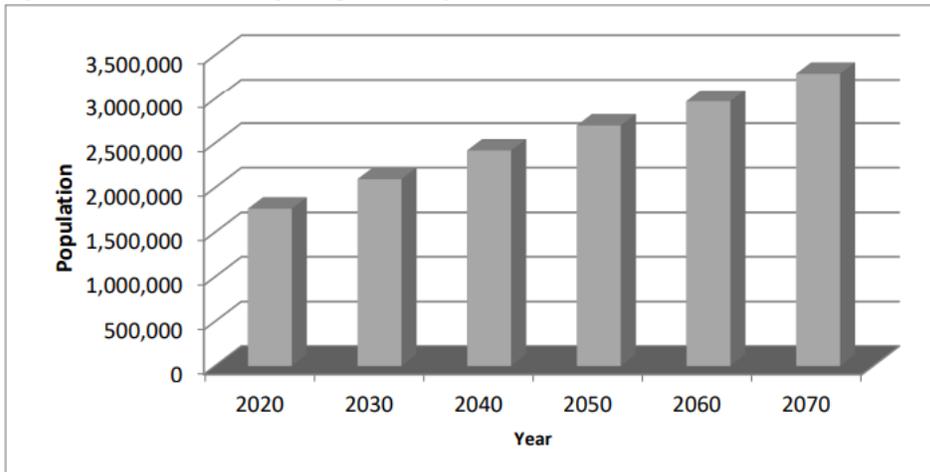
Figure 2-1. Population Projections



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://brazoswater.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://brazoswater.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://brazoswater.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://brazoswater.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.

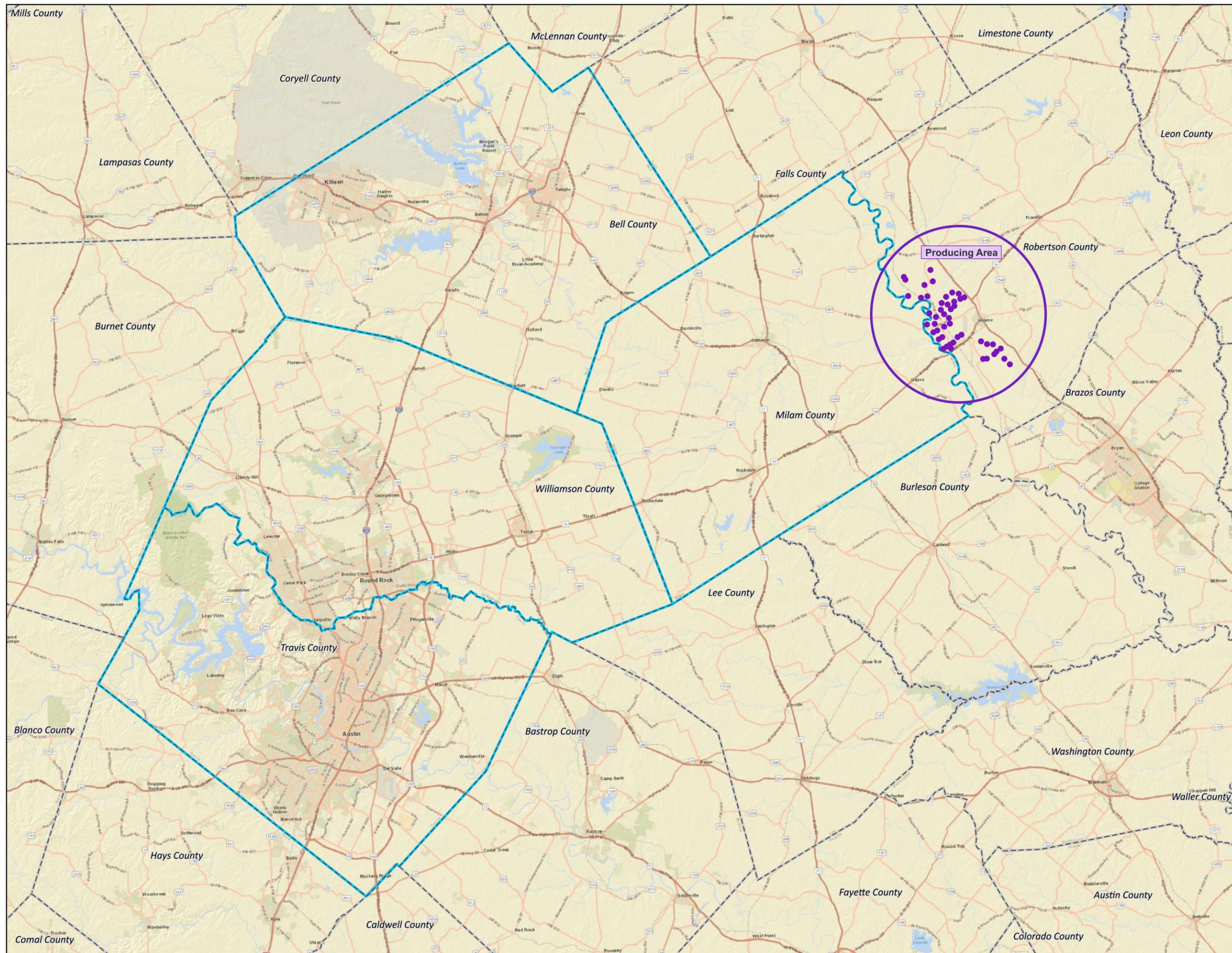
- ✓ As it is currently anticipated that the City of Georgetown will purchase water, the following information is appropriately considered. The City’s extensive evaluation and planning in its IWRP reflects its close evaluation of population, demand, and potential supplies, including conservation.
 - https://gus.georgetown.org/wp-content/uploads/sites/47/2023/08/Georgetown-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



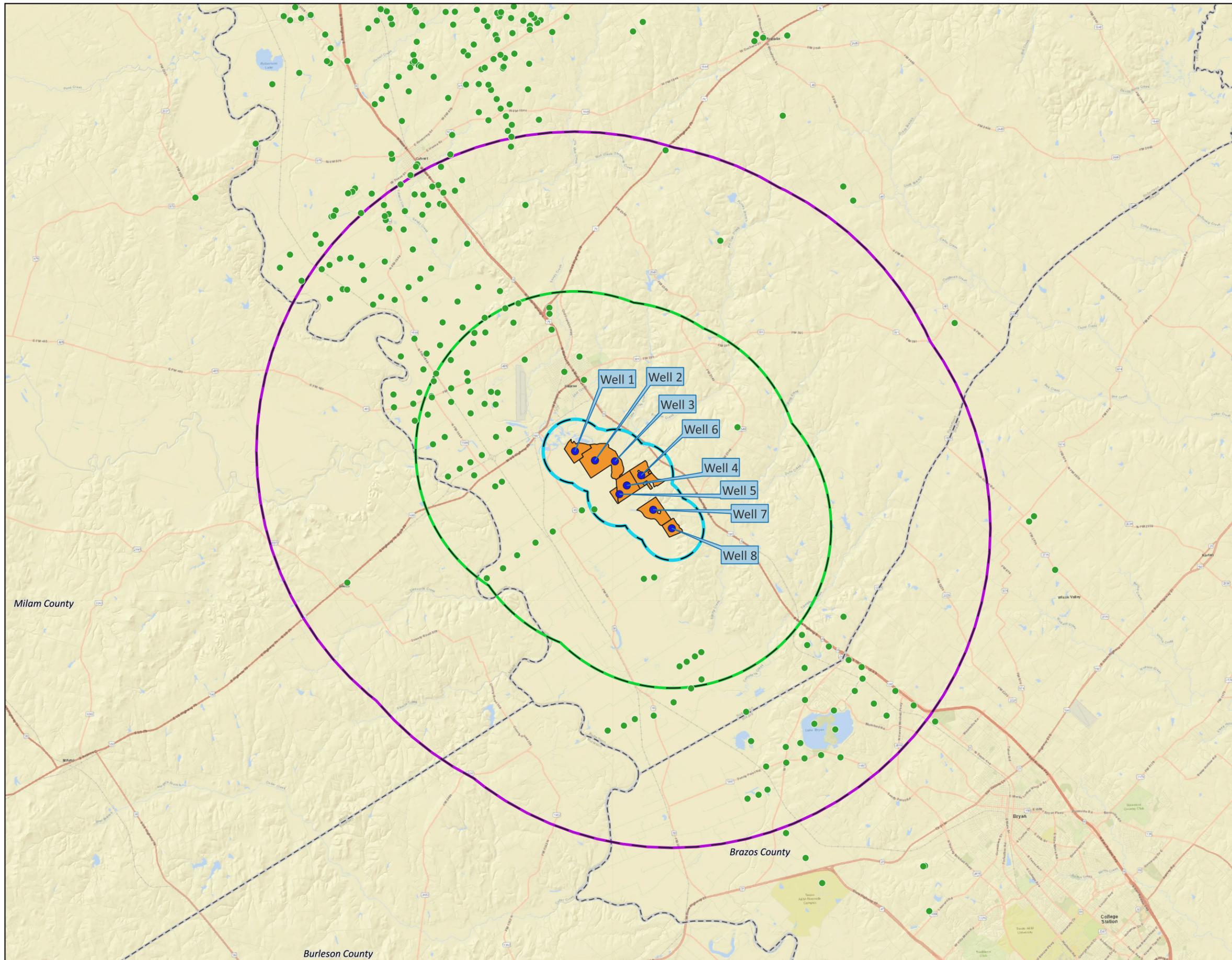
Explanation

- Well Locations
- Counties of Interest
- Counties



Producing and
Receiving Areas

APPENDIX B



Explanation

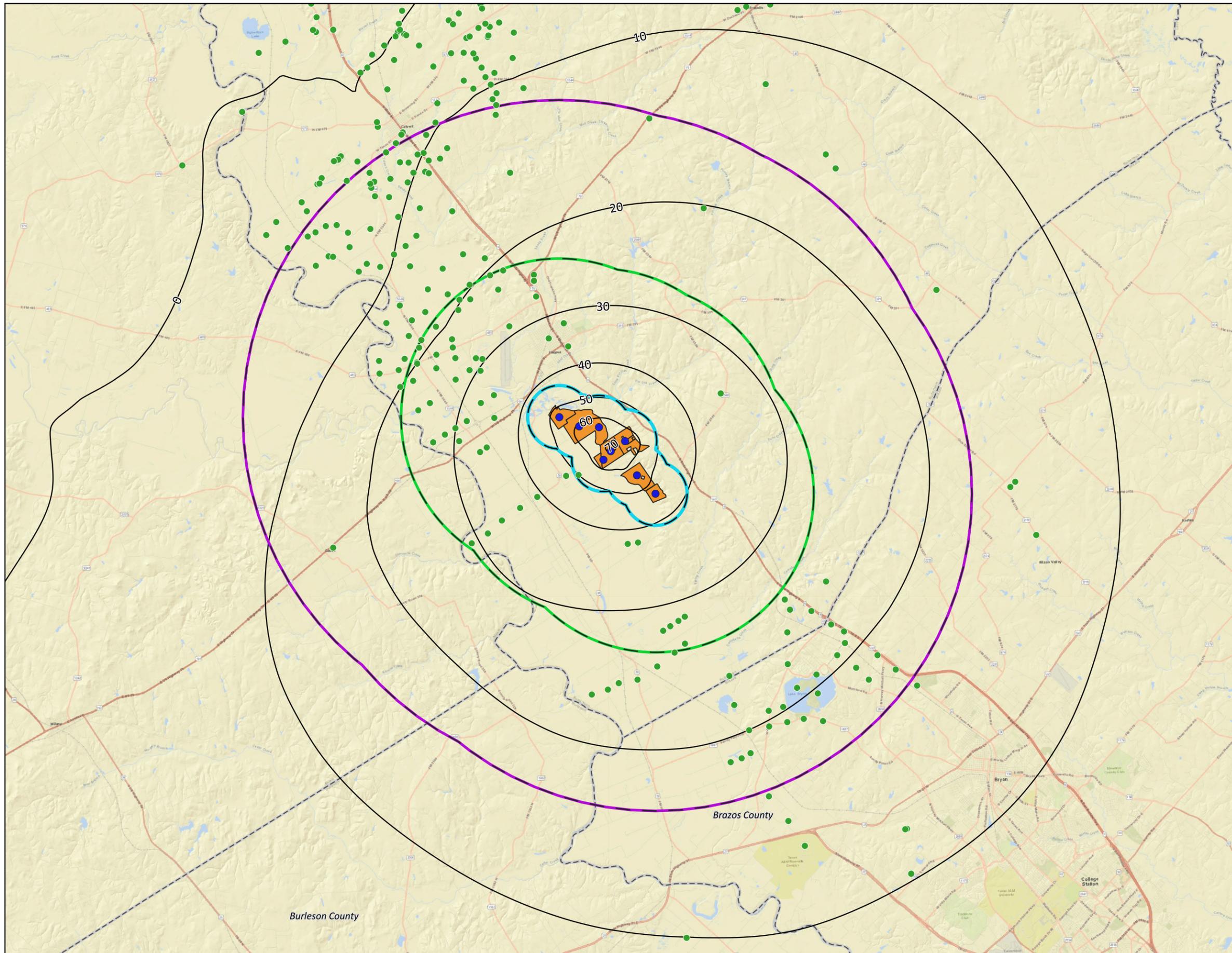
- BVGCD Registered or Permitted Simsboro Well
- EFP Permitted Well Location
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 10 Mile Radius from Well Locations
- Ely Family Partnership Approximate Property Boundary
- Counties



Ely Family Partnership, LP

Location Map





Explanation

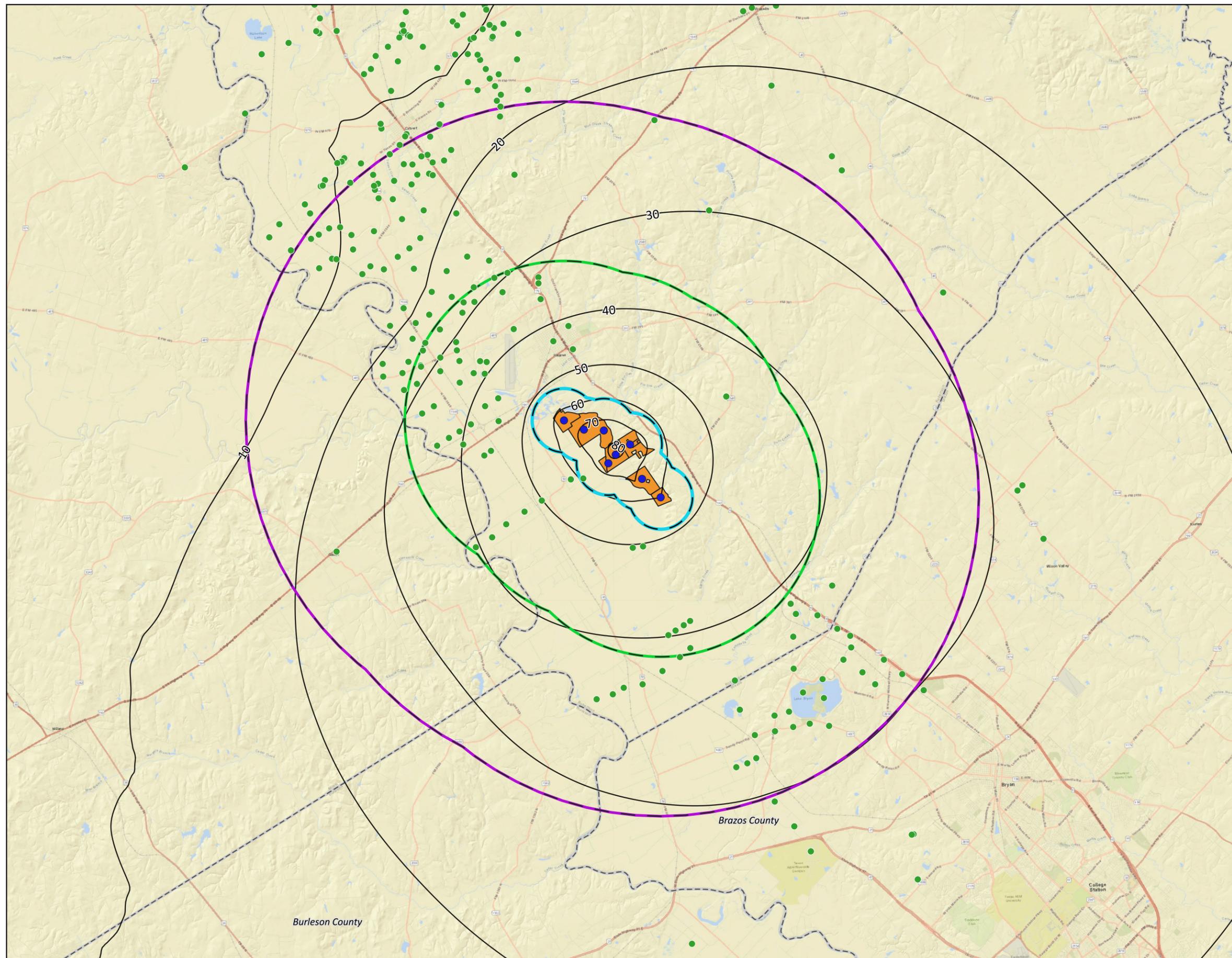
- BVGCD Registered or Permitted Simsboro Well
- EFP Permitted Well Location
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 10 Mile Radius from Well Locations
- 1-Year Modeled Drawdown - GAM Contour Interval = 10 feet
- Ely Family Partnership Boundary
- Counties



Ely Family Partnership

1-Year GAM Drawdown Contours





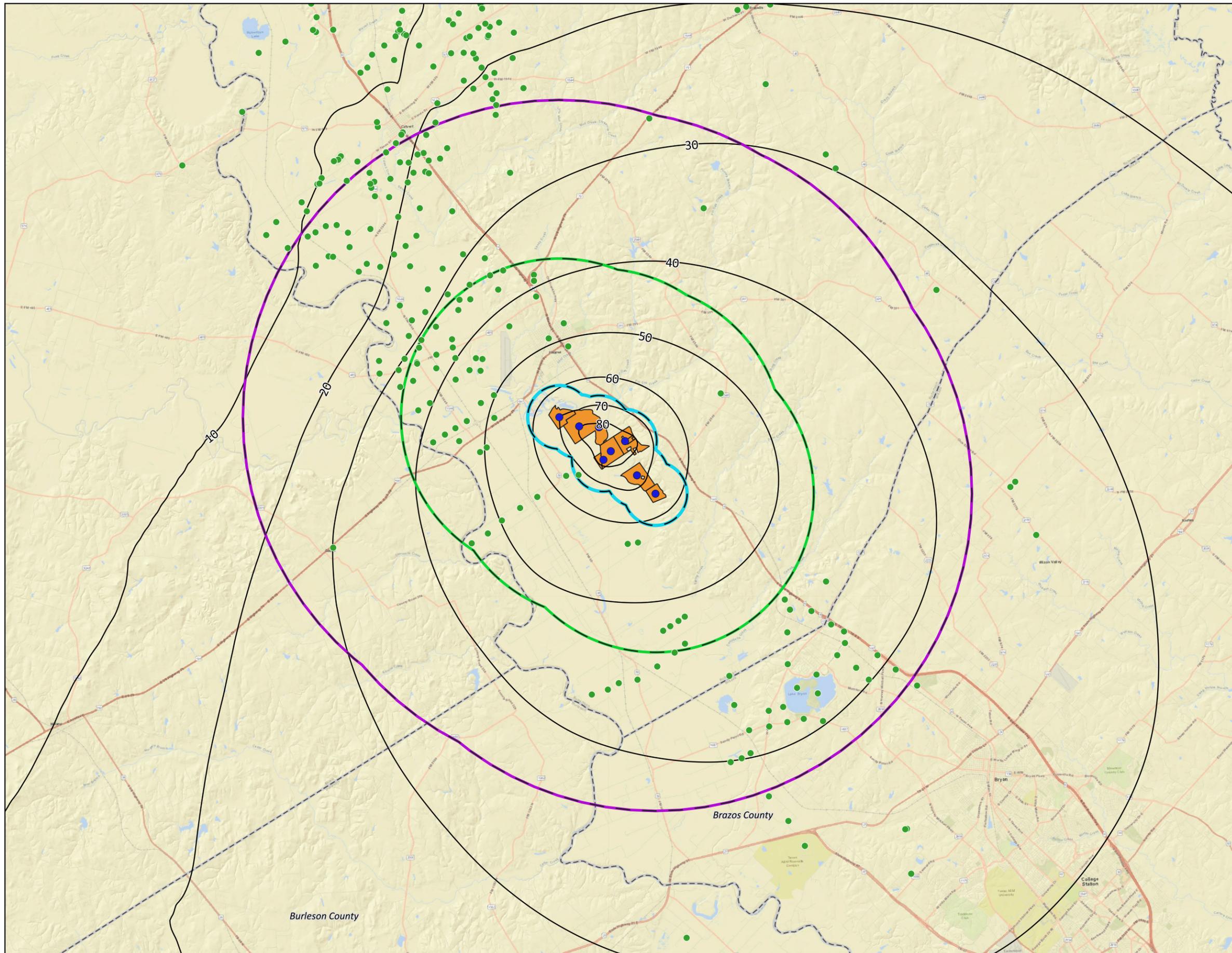
Explanation

- BVGCD Registered or Permitted Simsboro Well
- EFP 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
- Ely Family Partnership Boundary
- Counties



Ely Family Partnership

Figure : 10-Year GAM Drawdown Contours



Explanation

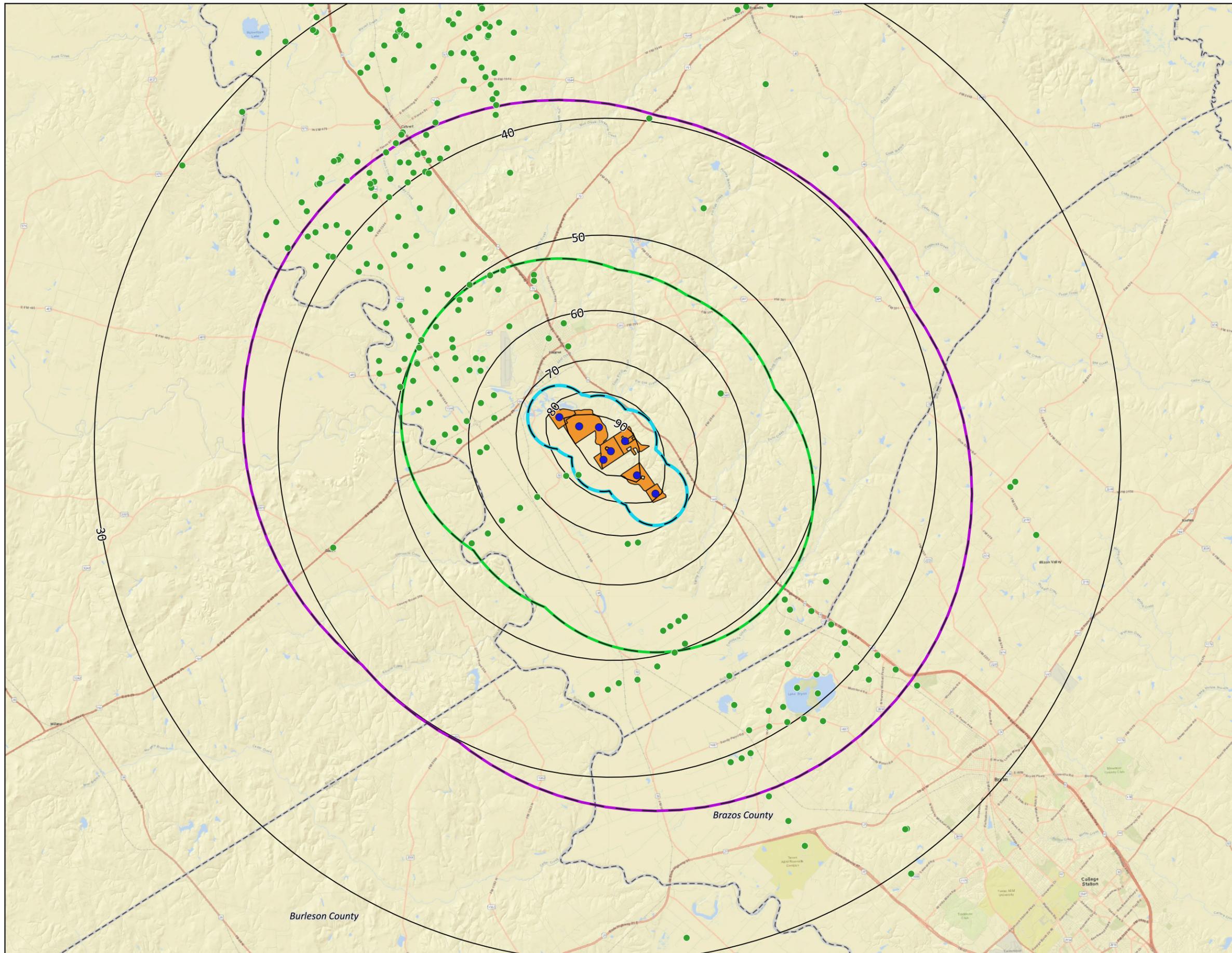
- BVGCD Registered or Permitted Simsboro Well
- EFP Permitted Well Location
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 10 Mile Radius from Well Locations
- 20-Year Modeled Drawdown - GAM Contour Interval = 10 feet
- Ely Family Partnership Boundary
- Counties



Ely Family Partnership

20-Year GAM Drawdown Contours





Explanation

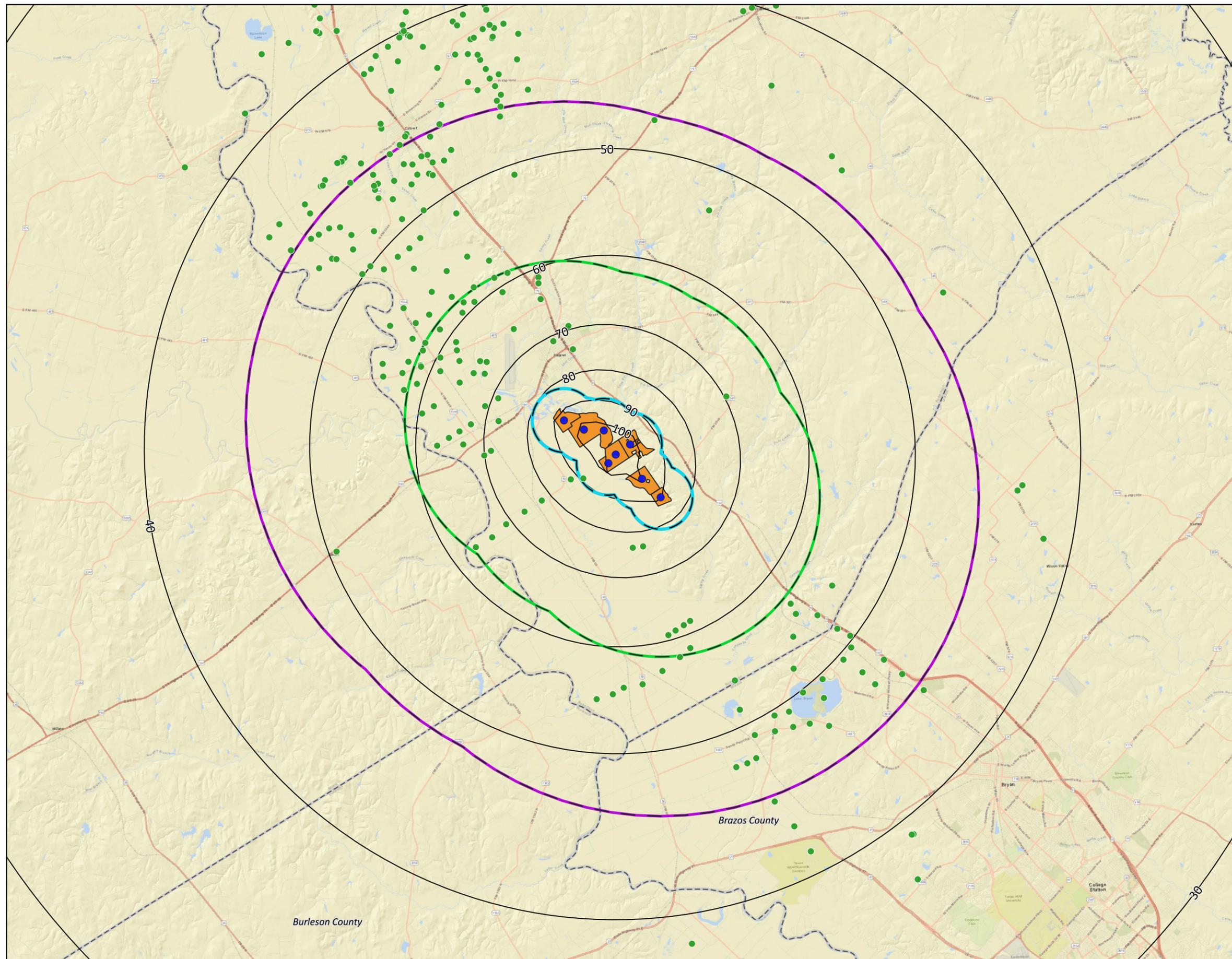
- BVGCD Registered or Permitted Simsboro Well
- EFP Permitted Well Location
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 10 Mile Radius from Well Locations
- 1-Yr Modeled Drawdown - Analytical Contour Interval = 10 feet
- Ely Family Partnership Boundary
- Counties



Ely Family Partnership

1-Year Analytical Drawdown Contours





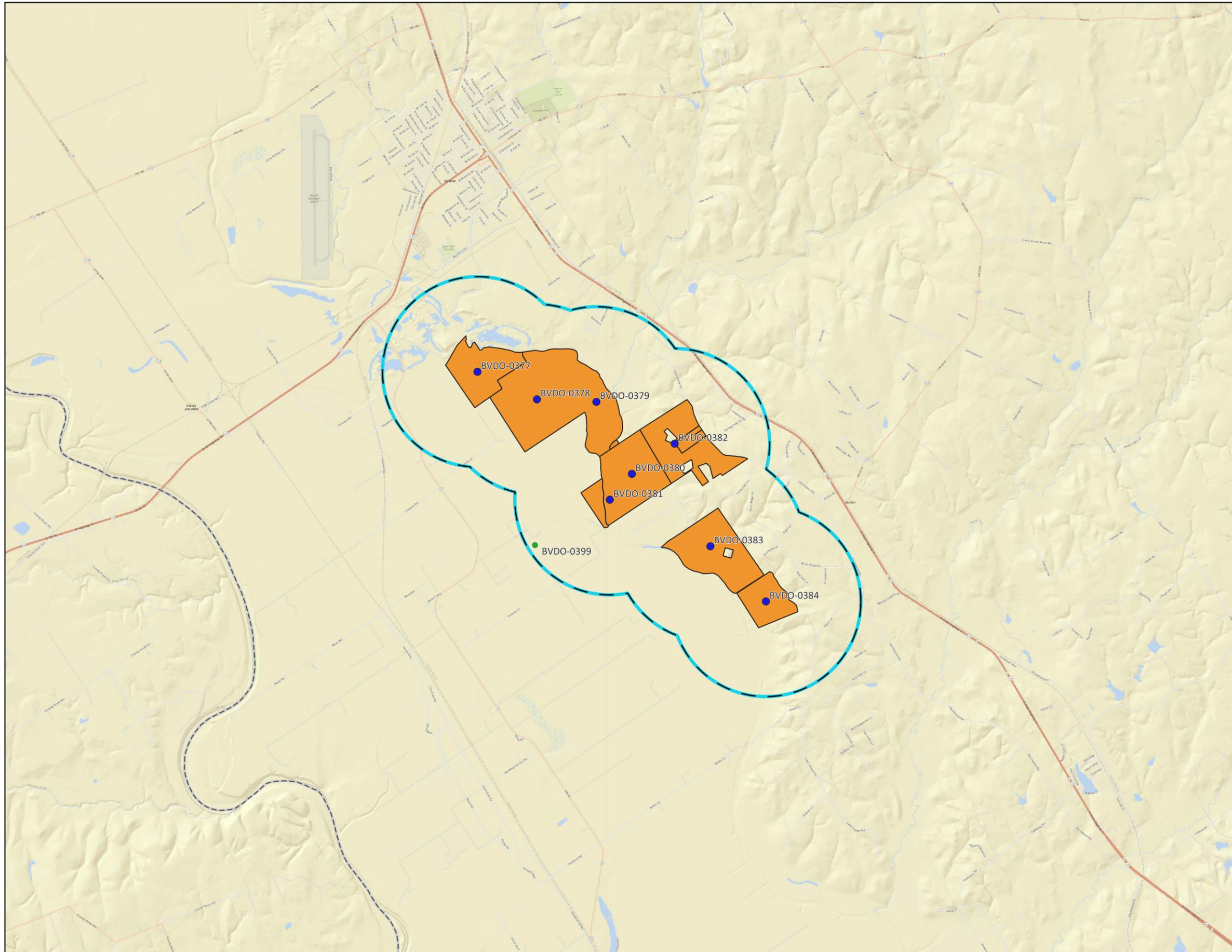
Explanation

- BVGCD Registered or Permitted Simsboro Well
- EFP 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
- Ely Family Partnership Boundary
- Counties



Ely Family Partnership

10-Year Analytical Drawdown Contours



Explanation

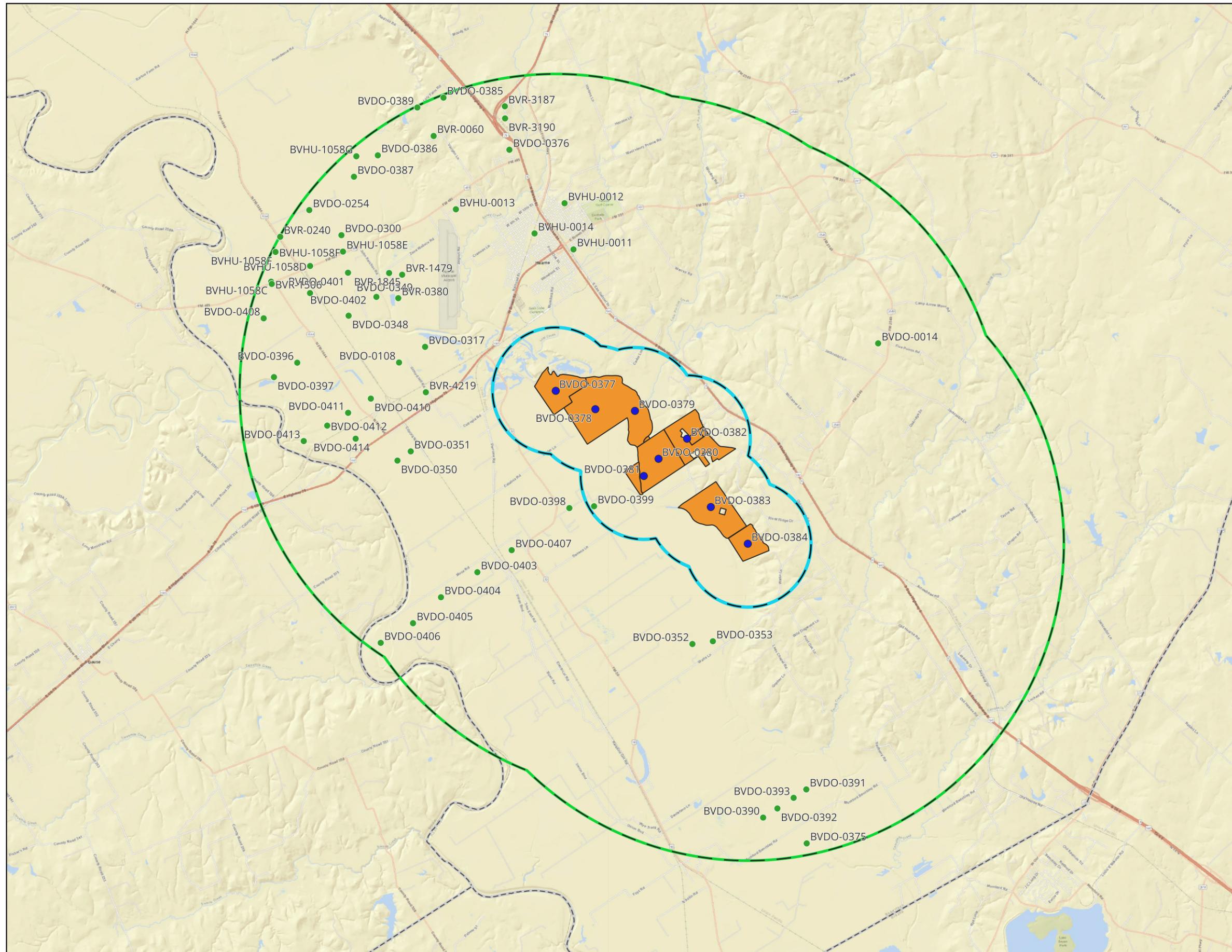
- BVGCD Registered or Permitted Simsboro Well (as of 01/03/2024)
- EFP Permitted Well Location
- 1 Mile Radius from Well Locations
- Ely Family Partnership Boundary
- Counties



Ely Family Partnership

BVGCD Registered and Permitted Wells within 1 Mile





Explanation

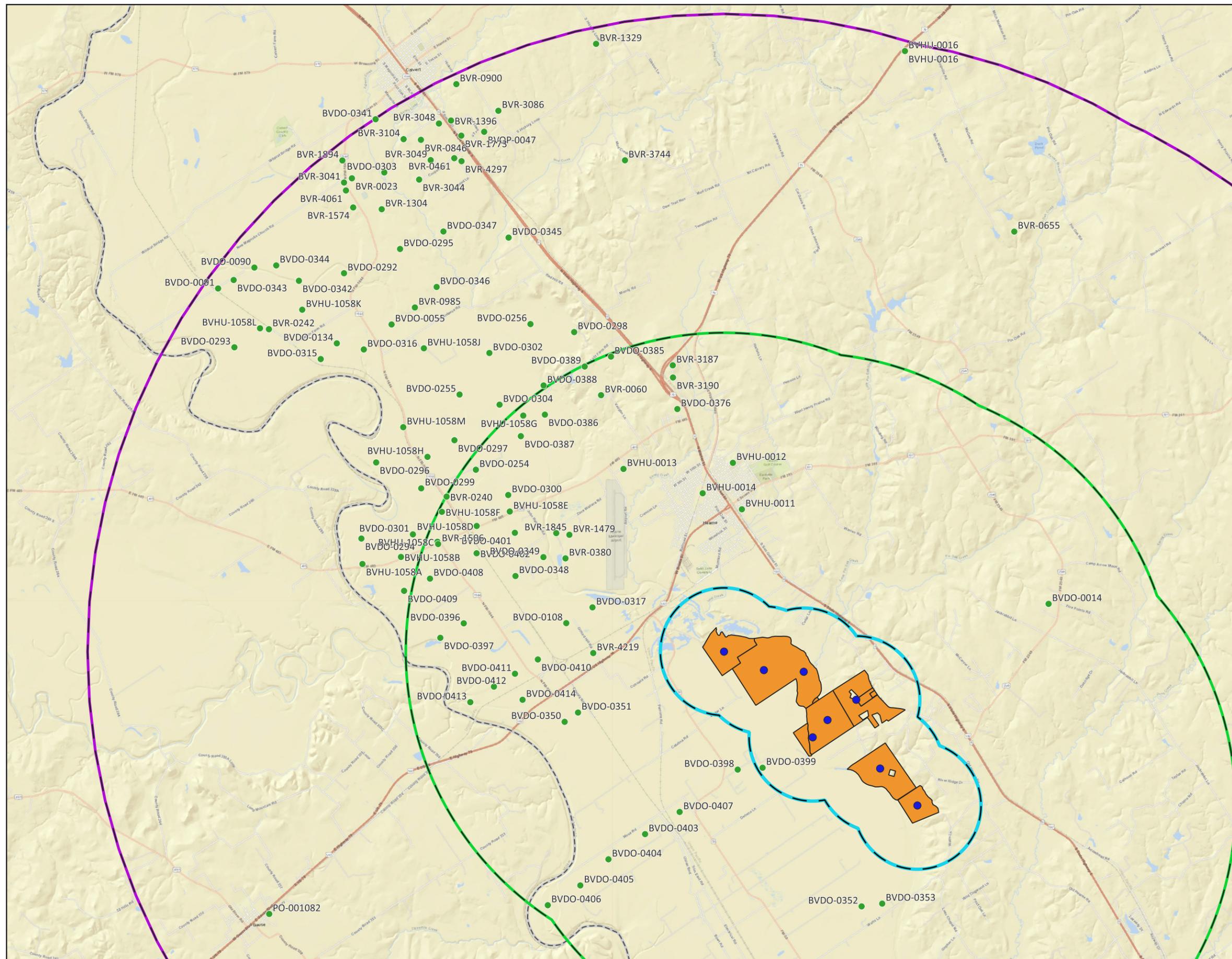
- BVGCD Registered or Permitted Simsboro Well (as of 01/03/2024)
- EFP Permitted Well Location
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- Ely Family Partnership Boundary
- Counties



Ely Family Partnership

BVGCD Registered and Permitted Wells within 5 Miles





Explanation

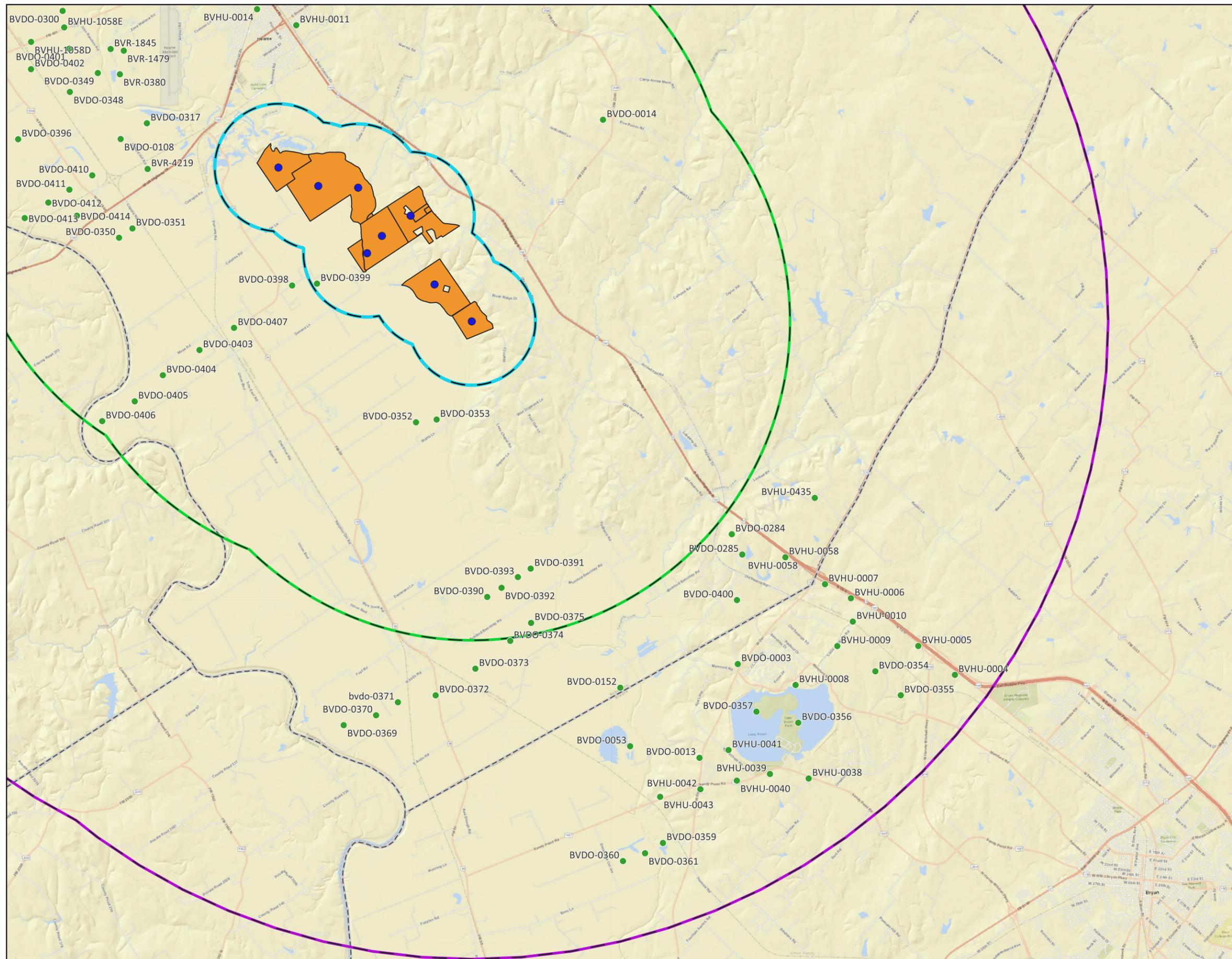
- BVGCD Registered or Permitted Simsboro Well
- EFP Permitted Well Location
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 10 Mile Radius from Well Locations
- Ely Family Partnership Boundary
- Counties



Ely Family Partnership

BVGCD Registered and Permitted Wells within 10 Miles





Explanation

- BVGCD Registered or Permitted Simsboro Well
- EFP Permitted Well Location
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 10 Mile Radius from Well Locations
- Ely Family Partnership Boundary
- Counties



Ely Family Partnership

BVGCD Registered and Permitted Wells within 10 Miles



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.
Ely Family Partnership	BVDO-0384	30.806858	-96.544747	-	Simsboro	-	84	92	99	48	60	67
Ely Family Partnership	BVDO-0377	30.843353	-96.594456	-	Simsboro	-	90	98	106	54	64	70
Ely Family Partnership	BVDO-0378	30.838847	-96.584083	-	Simsboro	-	94	102	114	62	73	79
Ely Family Partnership	BVDO-0379	30.838158	-96.573567	-	Simsboro	-	96	104	113	65	76	82
Ely Family Partnership	BVDO-0381	30.823175	-96.571783	-	Simsboro	-	97	105	113	66	77	84
Ely Family Partnership	BVDO-0383	30.815553	-96.554250	-	Simsboro	-	92	100	108	56	68	75
Ely Family Partnership	BVDO-0380	30.827000	-96.567717	-	Simsboro	-	100	109	118	71	82	88
Ely Family Partnership	BVDO-0382	30.831378	-96.559953	-	Simsboro	-	99	107	116	67	78	85
Fazzino Investments LP	BVDO-0399	30.816641	-96.585293	-	Simsboro	-	82	90	98	50	61	67

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

Owner	Registration or Permit	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	-	51	59	67	21	29	34
Cula d'Brazos, LLC	BVDO-0410	30.842994	-96.643706	-	Simsboro	-	60	68	75	32	41	47
UW Brazos Valley Farm, LLC	BVDO-0300	30.880632	-96.650098	-	Simsboro	-	54	62	68	23	31	37
UW Brazos Valley Farm, LLC	BVHU-1058F	30.877300	-96.667783	1,065	Simsboro	16	49	57	66	19	26	31
UW Brazos Valley Farm, LLC	BVDO-0254	30.886626	-96.658433	1,205	Simsboro	18	51	59	67	19	26	32
UW Brazos Valley Farm, LLC	BVHU-1058D	30.873824	-96.658706	1,131	Simsboro	16	53	61	68	22	30	36
UW Brazos Valley Farm, LLC	BVHU-1058C	30.870527	-96.669211	1,100	Simsboro	16	50	58	67	20	27	33
UW Brazos Valley Farm, LLC	BVHU-1058E	30.876867	-96.649833	1,175	Simsboro	16	54	62	70	24	32	38
UW Brazos Valley Farm, LLC	BVHU-1058F	30.877300	-96.667783	1,065	Simsboro	16	49	57	66	19	26	31
UW Brazos Valley Farm, LLC	BVHU-1058G	30.898588	-96.645434	964	Simsboro	16	50	58	66	19	27	33
Cula d'Brazos, LLC	BVDO-0412	30.837139	-96.655553	-	Simsboro	-	56	64	72	28	38	43
Cula d'Brazos, LLC	BVDO-0413	30.833783	-96.661933	-	Simsboro	-	54	62	71	27	37	42
Cula d'Brazos, LLC	BVDO-0414	30.833933	-96.648103	-	Simsboro	-	58	66	74	31	40	46
Cula d'Brazos, LLC	BVDO-0411	30.839914	-96.649878	-	Simsboro	-	58	66	74	30	39	45
Cula d'Brazos, LLC	BVR-1506	30.870004	-96.669059	1,250	Simsboro	2	50	58	67	20	28	33
Bishop, Robert	BVR-0060	30.902642	-96.624684	1,193	Simsboro	4	52	60	69	23	31	37
Ryan, Sandra & Melvin	BVR-0380	30.865784	-96.635523	1,100	Simsboro	4	60	68	75	30	39	45
Wellborn Special Utility District	BVDO-0014	30.851710	-96.508264	2,020	Simsboro	16	60	68	78	34	46	52
UW Brazos Valley Farm, LLC	BVR-0240	30.880729	-96.666403	1,065	Simsboro	4	51	59	66	18	26	31
City Of Hearne	BVHU-0011	30.875602	-96.588473	1,433	Simsboro	14	65	73	81	36	46	52
City Of Hearne	BVDO-0376	30.898904	-96.604637	-	Simsboro	-	56	64	72	27	36	41
City Of Hearne	BVHU-0012	30.886238	-96.590434	1,430	Simsboro	12	62	70	77	32	41	47
City Of Hearne	BVHU-0013	30.885689	-96.619408	1,441	Simsboro	10	59	67	74	28	37	43
City Of Hearne	BVHU-0014	30.879554	-96.598692	1,450	Simsboro	12	64	72	78	33	43	49
Skiles, Clifford III	BVDO-0108	30.851042	-96.635889	1,242	Simsboro	16	62	70	77	33	42	48
Skiles, Clifford III	BVDO-0317	30.854431	-96.628822	-	Simsboro	-	61	69	79	34	44	50
Zeig, Joseph & Marian	BVR-1479	30.871119	-96.634288	1,080	Simsboro	4	59	67	74	29	38	44
Burnside Investments, Inc.	BVDO-0403	30.802439	-96.616914	-	Simsboro	-	64	72	80	36	47	53
Burnside Investments, Inc.	BVDO-0404	30.796989	-96.626811	-	Simsboro	-	61	69	77	33	44	50
Burnside Investments, Inc.	BVDO-0405	30.791261	-96.634472	-	Simsboro	-	57	65	74	31	42	48
Burnside Investments, Inc.	BVDO-0406	30.787008	-96.643233	-	Simsboro	-	56	64	71	29	39	45
Burnside Investments, Inc.	BVDO-0407	30.807222	-96.607594	-	Simsboro	-	69	77	86	39	50	56
L. Wiese Moore, LLC	BVDO-0401	30.871983	-96.648675	-	Simsboro	-	55	63	71	26	34	40

L. Wiese Moore, LLC	BVDO-0402	30.867614	-96.658967	-	Simsboro	-	54	62	69	24	32	38
Cangemi, Sammy	BVR-4219	30.844030	-96.629023	1,142	Simsboro	4	66	74	80	36	45	51
Zeig, Larry J.	BVR-3187	30.908888	-96.605462	1,270	Simsboro	4	52	60	69	24	33	38
DTB Investments, LP	BVDO-0375	30.737800	-96.531799	-	Simsboro	-	51	59	67	26	39	47
Ely Family Partnership	BVDO-0384	30.806858	-96.544747	-	Simsboro	-	84	92	99	48	60	67
Ely Family Partnership	BVDO-0377	30.843353	-96.594456	-	Simsboro	-	90	98	106	54	64	70
Ely Family Partnership	BVDO-0378	30.838847	-96.584083	-	Simsboro	-	94	102	114	62	73	79
Ely Family Partnership	BVDO-0379	30.838158	-96.573567	-	Simsboro	-	96	104	113	65	76	82
Ely Family Partnership	BVDO-0381	30.823175	-96.571783	-	Simsboro	-	97	105	113	66	77	84
Ely Family Partnership	BVDO-0383	30.815553	-96.554250	-	Simsboro	-	92	100	108	56	68	75
Ely Family Partnership	BVDO-0380	30.827000	-96.567717	-	Simsboro	-	100	109	118	71	82	88
Ely Family Partnership	BVDO-0382	30.831378	-96.559953	-	Simsboro	-	99	107	116	67	78	85
Wallace, Virginia	BVR-1845	30.871602	-96.637746	1,100	Simsboro	4	57	65	74	29	38	43
Corpora Farms	BVDO-0348	30.862142	-96.648896	-	Simsboro	-	56	64	72	28	36	42
Corpora Farms	BVDO-0350	30.828601	-96.637179	-	Simsboro	-	63	71	78	33	43	49
Corpora Farms	BVDO-0391	30.750161	-96.531417	-	Simsboro	-	54	62	70	29	41	48
Corpora Farms	BVDO-0349	30.866236	-96.641341	-	Simsboro	-	58	66	74	29	38	44
Corpora Farms	BVDO-0390	30.744050	-96.543139	-	Simsboro	-	53	61	69	28	40	48
Corpora Farms	BVDO-0392	30.746025	-96.539278	-	Simsboro	8	53	61	69	28	40	48
Corpora Farms	BVDO-0393	30.748333	-96.534861	-	Simsboro	-	54	62	69	28	41	48
Corpora Farms	BVDO-0351	30.830612	-96.633565	-	Simsboro	-	63	71	79	34	44	50
Corpora Farms	BVDO-0352	30.784337	-96.560379	-	Simsboro	-	69	77	84	38	49	56
Corpora Farms	BVDO-0353	30.784810	-96.554918	-	Simsboro	-	69	77	83	38	50	57
Swaner, Ronald & Elizabeth	BVR-3190	30.906117	-96.605510	1,225	Simsboro	4	54	62	70	25	33	39
RH2O LLC	BVDO-0389	30.909286	-96.628772	-	Simsboro	16	50	58	67	21	29	35
RH2O LLC	BVDO-0385	30.911344	-96.621725	-	Simsboro	-	51	59	67	22	30	35
RH2O LLC	BVDO-0386	30.898639	-96.639708	-	Simsboro	-	52	59	68	21	29	35
RH2O LLC	BVDO-0387	30.893919	-96.646250	-	Simsboro	-	52	60	68	21	28	34
Fazzino Investments LP	BVDO-0396	30.851775	-96.662976	-	Simsboro	-	53	61	69	26	34	40
Fazzino Investments LP	BVDO-0398	30.816412	-96.591883	-	Simsboro	-	78	86	96	47	58	64
Fazzino Investments LP	BVDO-0397	30.848652	-96.669293	-	Simsboro	-	52	60	69	24	33	38
Fazzino Investments LP	BVDO-0399	30.816641	-96.585293	-	Simsboro	-	82	90	98	50	61	67

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

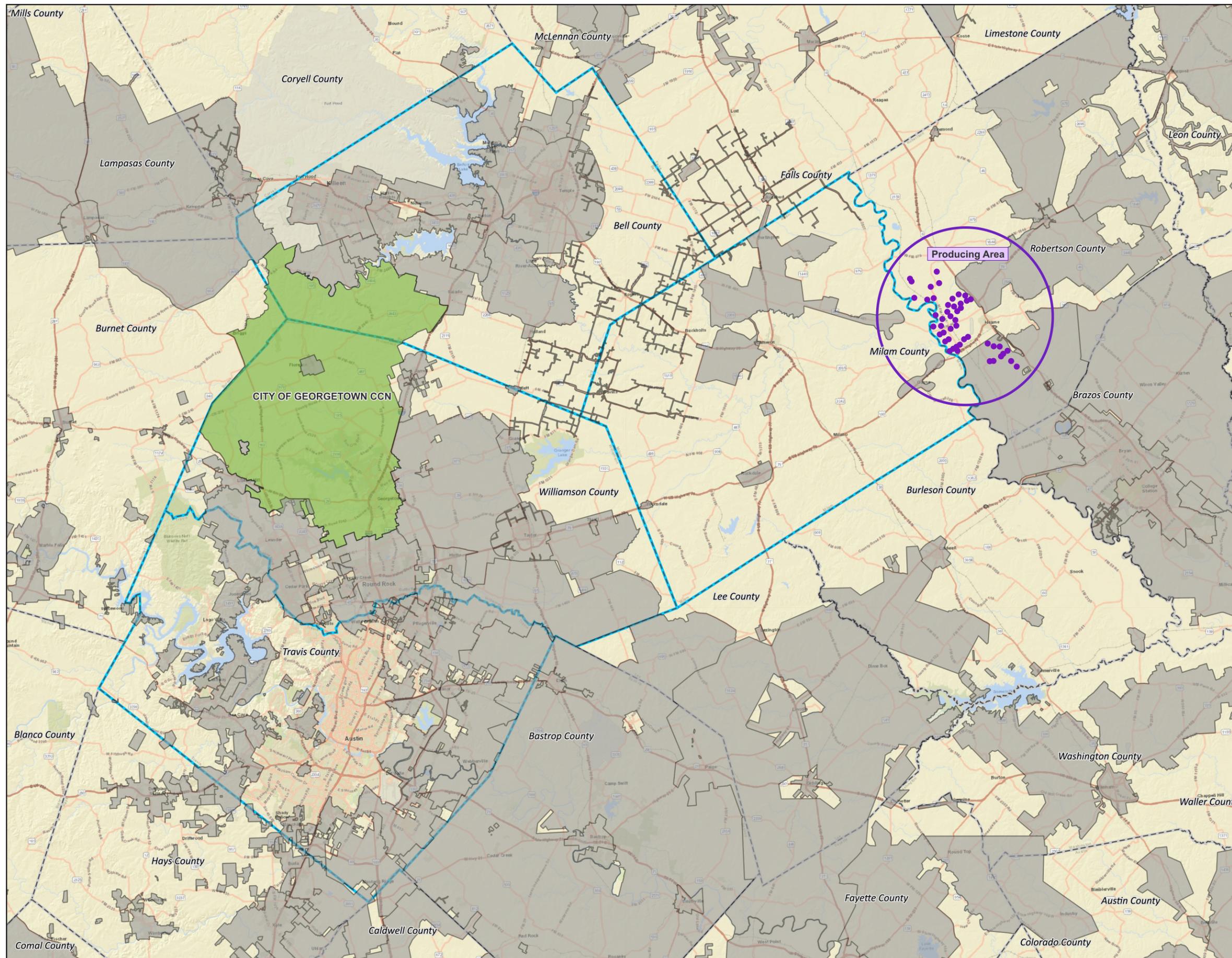
Owner	Registration or Permit Number	Latitude	Longitude	Well Depth	Aquifer	Casing Diameter (in)	1 Year Analytical Drawdown, ft.	10 Year Analytical Drawdown, ft.	20 Year Analytical Drawdown, ft.	1 Year GAM Drawdown, ft.	10 Year GAM Drawdown, ft.	20 Year GAM Drawdown, ft.
-	PO-001082	30.787104	-96.716877	992	Simsboro	-	43	51	59	17	25	30
Circle X Land & Cattle Co., Ltd.	BVHU-0435	30.764009	-96.455775	-	Simsboro	16	45	53	62	24	37	45
Cula d'Brazos, LLC	BVDO-0408	30.862192	-96.671514	-	Simsboro	-	51	59	67	21	29	34
Cula d'Brazos, LLC	BVDO-0410	30.842994	-96.643706	-	Simsboro	-	60	68	75	32	41	47
UW Brazos Valley Farm, LLC	BVDO-0292	30.932321	-96.691592	-	Simsboro	-	40	48	57	8	13	17
UW Brazos Valley Farm, LLC	BVDO-0297	30.893501	-96.663845	-	Simsboro	-	49	57	65	16	23	28
UW Brazos Valley Farm, LLC	BVDO-0299	30.882803	-96.673047	-	Simsboro	-	49	57	65	16	23	28
UW Brazos Valley Farm, LLC	BVDO-0301	30.872396	-96.675639	-	Simsboro	-	50	58	65	18	25	30
UW Brazos Valley Farm, LLC	BVDO-0298	30.917196	-96.631244	-	Simsboro	-	49	56	65	19	26	32
UW Brazos Valley Farm, LLC	BVDO-0300	30.880632	-96.650098	-	Simsboro	-	54	62	68	23	31	37
UW Brazos Valley Farm, LLC	BVDO-0302	30.913084	-96.653847	-	Simsboro	-	47	55	63	15	22	28
UW Brazos Valley Farm, LLC	BVDO-0303	30.954950	-96.680068	-	Simsboro	-	39	47	55	9	15	19
UW Brazos Valley Farm, LLC	BVHU-1058F	30.877300	-96.667783	1,065	Simsboro	16	49	57	66	19	26	31
UW Brazos Valley Farm, LLC	BVDO-0304	30.901250	-96.651604	-	Simsboro	-	49	57	66	18	25	31
UW Brazos Valley Farm, LLC	BVDO-0254	30.886626	-96.658433	1,205	Simsboro	18	51	59	67	19	26	32
Perez, John (Landco Investments)	BVR-0461	30.957669	-96.661438	475	Simsboro	4	40	48	56	11	17	21
UW Brazos Valley Farm, LLC	BVDO-0255	30.903856	-96.662094	1,240	Simsboro	18	47	55	63	15	21	27
UW Brazos Valley Farm, LLC	BVDO-0256	30.919348	-96.642734	1,225	Simsboro	18	47	55	63	16	24	29
UW Brazos Valley Farm, LLC	BVDO-0293	30.916287	-96.721219	-	Simsboro	-	40	47	55	5	9	12
UW Brazos Valley Farm, LLC	BVDO-0294	30.871826	-96.689291	-	Simsboro	-	47	55	63	15	22	26
UW Brazos Valley Farm, LLC	BVDO-0295	30.937420	-96.676560	-	Simsboro	-	42	50	57	10	16	20
UW Brazos Valley Farm, LLC	BVDO-0296	30.889026	-96.684725	-	Simsboro	-	46	54	62	12	18	23
UW Brazos Valley Farm, LLC	BVHU-1058B	30.867349	-96.678991	1,090	Simsboro	16	49	57	65	18	25	31
UW Brazos Valley Farm, LLC	BVHU-1058D	30.873824	-96.658706	1,131	Simsboro	16	53	61	68	22	30	36
UW Brazos Valley Farm, LLC	BVHU-1058J	30.914647	-96.671122	875	Simsboro	16	45	53	61	12	18	23
UW Brazos Valley Farm, LLC	BVHU-1058L	30.920417	-96.714283	691	Simsboro	16	39	47	55	5	9	13
UW Brazos Valley Farm, LLC	BVHU-1058A	30.866028	-96.689233	1,095	Simsboro	16	48	56	64	16	23	28
UW Brazos Valley Farm, LLC	BVHU-1058C	30.870527	-96.669211	1,100	Simsboro	16	50	58	67	20	27	33

UW Brazos Valley Farm, LLC	BVHU-1058K	30.924333	-96.702966	720	Simsboro	16	41	49	56	6	11	15
UW Brazos Valley Farm, LLC	BVHU-1058E	30.876867	-96.649833	1,175	Simsboro	16	54	62	70	24	32	38
UW Brazos Valley Farm, LLC	BVHU-1058F	30.877300	-96.667783	1,065	Simsboro	16	49	57	66	19	26	31
UW Brazos Valley Farm, LLC	BVHU-1058G	30.898588	-96.645434	964	Simsboro	16	50	58	66	19	27	33
UW Brazos Valley Farm, LLC	BVHU-1058H	30.889917	-96.671117	979	Simsboro	16	48	56	64	15	22	27
UW Brazos Valley Farm, LLC	BVHU-1058M	30.896850	-96.677267	930	Simsboro	16	46	54	62	12	19	24
Cula d'Brazos, LLC	BVDO-0412	30.837139	-96.655553	-	Simsboro	-	56	64	72	28	38	43
Cula d'Brazos, LLC	BVDO-0413	30.833783	-96.661933	-	Simsboro	-	54	62	71	27	37	42
Cula d'Brazos, LLC	BVDO-0414	30.833933	-96.648103	-	Simsboro	-	58	66	74	31	40	46
Cula d'Brazos, LLC	BVDO-0409	30.859611	-96.678461	-	Simsboro	-	50	57	66	20	28	33
Cula d'Brazos, LLC	BVDO-0411	30.839914	-96.649878	-	Simsboro	-	58	66	74	30	39	45
Cula d'Brazos, LLC	BVR-1506	30.870004	-96.669059	1,250	Simsboro	2	50	58	67	20	28	33
Closs, Barry	BVR-0900	30.974503	-96.660242	590	Simsboro	4	38	46	54	10	16	21
Bishop, Robert	BVR-0060	30.902642	-96.624684	1,193	Simsboro	4	52	60	69	23	31	37
Ryan, Sandra & Melvin	BVR-0380	30.865784	-96.635523	1,100	Simsboro	4	60	68	75	30	39	45
Wellborn Special Utility District	BVDO-0014	30.851710	-96.508264	2,020	Simsboro	16	60	68	78	34	46	52
Wellborn Special Utility District	BVDO-0400	30.741381	-96.477256	-	Simsboro	-	46	54	62	24	37	45
Wellborn Special Utility District	BVDO-0284	30.756410	-96.478019	-	Simsboro	18	48	56	64	26	39	47
Wellborn Special Utility District	BVDO-0285	30.751705	-96.475443	-	Simsboro	18	47	55	63	25	38	46
Wellborn Special Utility District	BVHU-0058	30.750738	-96.464084	2,740	Simsboro	14	45	53	62	24	37	45
City Of Bryan	BVHU-0005	30.729493	-96.429820	2,880	Simsboro	14	39	47	55	19	32	41
City Of Bryan	BVHU-0006	30.740890	-96.447168	2,834	Simsboro	13	42	50	58	21	35	43
Wellborn Special Utility District	BVHU-0058	30.750738	-96.464084	2,740	Simsboro	14	45	53	62	24	37	45
City Of Bryan	BVHU-0007	30.744301	-96.453876	2,730	Simsboro	13	43	51	60	22	36	44
City Of Bryan	BVHU-0041	30.707327	-96.480855	2,938	Simsboro	16	41	49	57	20	33	42
City Of Bryan	BVHU-0009	30.730126	-96.451200	2,867	Simsboro	14	42	50	57	21	34	42
City Of Bryan	BVHU-0004	30.722635	-96.420426	2,950	Simsboro	13	38	46	54	17	31	39
City Of Bryan	BVDO-0355	30.718428	-96.434894	-	Simsboro	-	39	47	55	18	32	40
City Of Bryan	BVDO-0357	30.715839	-96.473132	-	Simsboro	-	42	50	58	21	34	42
City Of Bryan	BVDO-0356	30.712978	-96.462196	-	Simsboro	-	41	49	56	20	33	42
City Of Bryan	BVDO-0354	30.724081	-96.441389	-	Simsboro	-	39	47	56	19	33	41
City Of Bryan	BVDO-0003	30.726820	-96.477623	2,770	Simsboro	16	44	52	60	22	35	44
City Of Bryan	BVHU-0008	30.721603	-96.462563	2,881	Simsboro	20	42	50	58	21	34	42
City Of Bryan	BVHU-0010	30.735571	-96.446883	2,865	Simsboro	13	42	50	58	21	34	43
Wenger, Joshua R. & Megan	BVR-1396	30.966263	-96.661960	660	Simsboro	4	39	47	55	10	17	21
Epps, Frank N.	BVOP-0047	30.963447	-96.653288	660	Simsboro	4	40	48	56	11	18	22
UW Brazos Valley Farm, LLC	BVR-0240	30.880729	-96.666403	1,065	Simsboro	4	51	59	66	18	26	31
UW Brazos Valley Farm, LLC	BVR-0242	30.920143	-96.711938	610	Simsboro	4	40	48	56	5	10	13
Siegert, Rick & Sheri	BVR-3744	30.955897	-96.616290	880	Simsboro	4	43	51	59	15	22	27
Deason, Jack	BVR-0023	30.953863	-96.688686	510	Simsboro	4	39	47	55	8	13	17
City Of Hearne	BVHU-0011	30.875602	-96.588473	1,433	Simsboro	14	65	73	81	36	46	52
City Of Hearne	BVDO-0376	30.898904	-96.604637	0	Simsboro	-	56	64	72	27	36	41
City Of Hearne	BVHU-0012	30.886238	-96.590434	1,430	Simsboro	12	62	70	77	32	41	47

City Of Hearne	BVHU-0013	30.885689	-96.619408	1,441	Simsboro	10	59	67	74	28	37	43
City Of Hearne	BVHU-0014	30.879554	-96.598692	1,450	Simsboro	12	64	72	78	33	43	49
Skiles, Clifford III	BVDO-0108	30.851042	-96.635889	1,242	Simsboro	16	62	70	77	33	42	48
Skiles, Clifford III	BVDO-0317	30.854431	-96.628822	-	Simsboro	-	61	69	79	34	44	50
Sandra Ryan & Bernadette Sloat	BVR-0985	30.924003	-96.673151	735	Simsboro	4	44	52	59	11	17	22
Sandra Ryan & Bernadette Sloat	BVDO-0090	30.934280	-96.715252	656	Simsboro	16	38	46	54	5	9	12
Sandra Ryan & Bernadette Sloat	BVDO-0091	30.929786	-96.725021	565	Simsboro	16	38	46	54	4	8	11
Sandra Ryan & Bernadette Sloat	BVDO-0055	30.920309	-96.679458	840	Simsboro	16	43	51	59	10	16	20
Lopez, Claude & Karen	BVR-3086	30.968125	-96.649345	627	Simsboro	4	39	47	55	11	18	22
Flemings, Nancy	BVR-1894	30.957995	-96.691058	515	Simsboro	4	38	46	53	8	13	17
Bland, Andy	BVR-1304	30.946604	-96.681069	560	Simsboro	4	40	48	56	9	15	19
Zeig, Joseph & Marian	BVR-1479	30.871119	-96.634288	1,080	Simsboro	4	59	67	74	29	38	44
Denena, Leon A. Jr	BVR-1574	30.947221	-96.688598	530	Simsboro	4	39	47	55	8	13	17
City Of College Station	BVHU-0038	30.700222	-96.459970	2,973	Simsboro	13	39	47	55	18	32	40
City Of College Station	BVDO-0152	30.722362	-96.508844	2,800	Simsboro	20	46	54	62	23	36	44
City Of College Station	BVDO-0053	30.708979	-96.506772	2,749	Simsboro	24	43	51	59	22	35	43
City Of College Station	BVDO-0013	30.705789	-96.488581	2,965	Simsboro	20	42	50	57	20	34	42
City Of College Station	BVDO-0359	30.686700	-96.499000	-	Simsboro	-	40	48	55	19	32	40
City Of College Station	BVDO-0360	30.682900	-96.509700	-	Simsboro	-	40	47	55	19	32	40
City Of College Station	BVDO-0361	30.684500	-96.503800	-	Simsboro	-	39	47	56	19	32	40
City Of College Station	BVHU-0039	30.701548	-96.470142	2,975	Simsboro	14	40	48	56	19	32	41
City Of College Station	BVHU-0040	30.700306	-96.478934	2,940	Simsboro	16	40	48	56	19	33	41
City Of College Station	BVHU-0042	30.698634	-96.488623	2,884	Simsboro	18	40	48	56	20	33	41
City Of College Station	BVHU-0043	30.697217	-96.499322	2,920	Simsboro	16	41	49	57	20	33	41
Burnside Investments, Inc.	BVDO-0403	30.802439	-96.616914	-	Simsboro	-	64	72	80	36	47	53
Burnside Investments, Inc.	BVDO-0404	30.796989	-96.626811	-	Simsboro	-	61	69	77	33	44	50
Burnside Investments, Inc.	BVDO-0405	30.791261	-96.634472	-	Simsboro	-	57	65	74	31	42	48
Burnside Investments, Inc.	BVDO-0406	30.787008	-96.643233	-	Simsboro	-	56	64	71	29	39	45
Burnside Investments, Inc.	BVDO-0407	30.807222	-96.607594	-	Simsboro	-	69	77	86	39	50	56
Triple C Ranch	BVR-0846	30.962101	-96.670091	590	Simsboro	4	39	47	55	10	16	20
Neff, Tim	BVR-0655	30.936669	-96.513962	1,530	Simsboro	4	46	54	61	20	30	35
Brien, James C.	BVDO-0316	30.914826	-96.687016	0	Simsboro	18	43	51	59	9	15	19
Brien, James C.	BVDO-0315	30.912966	-96.698488	0	Simsboro	18	41	49	58	8	13	17
Brien, James C.	BVDO-0134	30.916421	-96.694104	778	Simsboro	16	42	50	58	8	13	17
Robertson County WSC	BVHU-0016	30.978596	-96.541256	1,410	Simsboro	11	40	48	56	15	23	28
Robertson County WSC	BVHU-0016	30.978596	-96.541256	1,410	Simsboro	11	40	48	56	15	23	28
L. Wiese Moore, LLC	BVDO-0401	30.871983	-96.648675	0	Simsboro	-	55	63	71	26	34	40
L. Wiese Moore, LLC	BVDO-0402	30.867614	-96.658967	0	Simsboro	-	54	62	69	24	32	38
Garcia, Maximiliano	BVR-4061	30.951138	-96.690366	450	Simsboro	4	39	47	55	8	13	17
Cangemi, Sammy	BVR-4219	30.844030	-96.629023	1,142	Simsboro	4	66	74	80	36	45	51
Calvert Livestock, Inc.	BVR-3048	30.965672	-96.665187	667	Simsboro	4	38	46	55	10	16	20
Mears, Jeffrey L.	BVR-3049	30.957407	-96.667688	620	Simsboro	4	40	48	55	10	16	20
Zeig, Larry J.	BVR-3187	30.908888	-96.605462	1,270	Simsboro	4	52	60	69	24	33	38
DTB Investments, LP	BVDO-0373	30.727822	-96.546914	-	Simsboro	-	48	56	65	25	37	45
DTB Investments, LP	BVDO-0375	30.737800	-96.531799	-	Simsboro	-	51	59	67	26	39	47
DTB Investments, LP	BVDO-0372	30.722069	-96.557633	-	Simsboro	-	48	56	64	24	37	44
DTB Investments, LP	BVDO-0374	30.733881	-96.537453	-	Simsboro	-	49	57	66	26	38	46
DTB Investments, LP	BVDO-0369	30.715994	-96.582161	-	Simsboro	-	47	55	62	23	35	43
DTB Investments, LP	BVDO-0370	30.717994	-96.573525	-	Simsboro	-	47	55	63	24	36	43

DTB Investments, LP	BVDO-0371	30.720786	-96.567647	-	Simsboro	-	47	55	64	24	36	44
Ely Family Partnership	BVDO-0384	30.806858	-96.544747	-	Simsboro	-	84	92	99	48	60	67
Ely Family Partnership	BVDO-0377	30.843353	-96.594456	-	Simsboro	-	90	98	106	54	64	70
Ely Family Partnership	BVDO-0378	30.838847	-96.584083	-	Simsboro	-	94	102	114	62	73	79
Ely Family Partnership	BVDO-0379	30.838158	-96.573567	-	Simsboro	-	96	104	113	65	76	82
Ely Family Partnership	BVDO-0381	30.823175	-96.571783	-	Simsboro	-	97	105	113	66	77	84
Ely Family Partnership	BVDO-0383	30.815553	-96.554250	-	Simsboro	-	92	100	108	56	68	75
Ely Family Partnership	BVDO-0380	30.827000	-96.567717	-	Simsboro	-	100	109	118	71	82	88
Ely Family Partnership	BVDO-0382	30.831378	-96.559953	-	Simsboro	-	99	107	116	67	78	85
Wallace, Virginia	BVR-1845	30.871602	-96.637746	1,100	Simsboro	4	57	65	74	29	38	43
Morrison, David & Connie	BVR-1329	30.982614	-96.622909	605	Simsboro	4	39	47	55	11	19	23
Grimes, Coylin & Diane	BVR-4297	30.956929	-96.659539	668	Simsboro	4	40	48	56	11	17	22
Amos, David	BVR-1773	30.962742	-96.659380	720	Simsboro	4	40	47	55	10	17	21
New Magnolia Baptist Church	BVR-3041	30.952959	-96.690806	461	Simsboro	4	38	46	55	8	13	17
Corpora Farms	BVDO-0341	30.967123	-96.681905	-	Simsboro	-	37	45	54	8	14	18
Corpora Farms	BVDO-0348	30.862142	-96.648896	-	Simsboro	-	56	64	72	28	36	42
Corpora Farms	BVDO-0350	30.828601	-96.637179	-	Simsboro	-	63	71	78	33	43	49
Corpora Farms	BVDO-0391	30.750161	-96.531417	-	Simsboro	-	54	62	70	29	41	48
Corpora Farms	BVDO-0342	30.930936	-96.703584	-	Simsboro	-	40	48	56	6	11	15
Corpora Farms	BVDO-0347	30.941075	-96.664942	-	Simsboro	-	42	50	58	11	17	22
Corpora Farms	BVDO-0349	30.866236	-96.641341	-	Simsboro	-	58	66	74	29	38	44
Corpora Farms	BVDO-0390	30.744050	-96.543139	-	Simsboro	-	53	61	69	28	40	48
Corpora Farms	BVDO-0392	30.746025	-96.539278	-	Simsboro	-	53	61	69	28	40	48
Corpora Farms	BVDO-0393	30.748333	-96.534861	-	Simsboro	-	54	62	69	28	41	48
Corpora Farms	BVDO-0351	30.830612	-96.633565	-	Simsboro	-	63	71	79	34	44	50
Corpora Farms	BVDO-0352	30.784337	-96.560379	-	Simsboro	-	69	77	84	38	49	56
Corpora Farms	BVDO-0353	30.784810	-96.554918	-	Simsboro	-	69	77	83	38	50	57
Corpora Farms	BVDO-0343	30.931603	-96.720836	-	Simsboro	-	38	46	54	4	8	12
Naranjo, Audencio	BVR-3104	30.962380	-96.674672	460	Simsboro	4	38	46	54	9	15	19
Swaner, Ronald & Elizabeth	BVR-3190	30.906117	-96.605510	1,225	Simsboro	4	54	62	70	25	33	39
Howard, Shirley J.	BVR-3044	30.953064	-96.670912	660	Simsboro	4	40	48	56	10	16	20
Corpora Farms	BVDO-0344	30.934607	-96.709457	-	Simsboro	-	39	47	54	6	10	14
Corpora Farms	BVDO-0345	30.939189	-96.647752	-	Simsboro	-	44	52	59	13	21	25
Corpora Farms	BVDO-0346	30.928505	-96.667226	-	Simsboro	-	43	51	60	12	18	23
RH2O LLC	BVDO-0389	30.909286	-96.628772	-	Simsboro	16	50	58	67	21	29	35
RH2O LLC	BVDO-0385	30.911344	-96.621725	-	Simsboro	-	51	59	67	22	30	35
RH2O LLC	BVDO-0386	30.898639	-96.639708	-	Simsboro	-	52	59	68	21	29	35
RH2O LLC	BVDO-0387	30.893919	-96.646250	-	Simsboro	-	52	60	68	21	28	34
RH2O LLC	BVDO-0388	30.905286	-96.639786	-	Simsboro	-	50	58	66	20	27	33
Fazzino Investments LP	BVDO-0396	30.851775	-96.662976	-	Simsboro	-	53	61	69	26	34	40
Fazzino Investments LP	BVDO-0398	30.816412	-96.591883	-	Simsboro	-	78	86	96	47	58	64
Fazzino Investments LP	BVDO-0397	30.848652	-96.669293	-	Simsboro	-	52	60	69	24	33	38
Fazzino Investments LP	BVDO-0399	30.816641	-96.585293	-	Simsboro	-	82	90	98	50	61	67

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 Bradley Ely, who being duly sworn on his oath, says and deposes as follows:

"My name is Bradley Ely. I am the President (title) of Ely Family General Partner LLC as the general partner of the Ely Family Partnership LP (name of entity) (hereinafter referred to as the "Applicant"). I have been authorized by Ely Family Partnership, LP (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 P.O. Box 868, Hearne, TX 77859. 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.
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). **See Exhibit B, attached hereto.**
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 7.1(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 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."

**Ely Family General Partner, LLC, general partner,
Ely Family Partnership, LP**

Signed

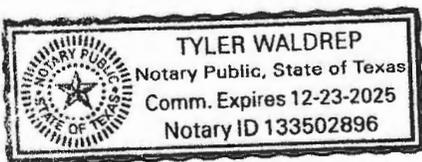
Bradley Ely
**Bradley Ely, President,
Authorized representative of Applicant**

SWORN AND SUBSCRIBED to before me on this the 8th day of August 2023.

(Notary Seal)

[Signature]
Notary Public in and for the State of Texas

My Commission Expires: 12.23.25



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

SPECIAL WARRANTY DEED SEVERING THE GROUNDWATER ESTATE

Effective Date: July 21, 2023

Grantors: Bradley Evans Ely
Benjamin Yates Ely
Barton Everett Ely
Barry David Ely

Grantors' Mailing Address: **Attn:** Bradley Evans Ely
PO Box 868
Hearne, Texas 77859

Benjamin Yates Ely
105 Sophia Lane
College Station, Texas 77845

Barton Everett Ely
3007 Manorwood
Bryan, Texas 77801

Barry David Ely
4410 Norwich Drive
College Station, Texas 77845

Grantee: ELY FAMILY PARTNERSHIP L.P.

Grantee's Mailing Address: **Attn:** Bradley Evans Ely
PO Box 868
Hearne, Texas 77859

Consideration:

Ten and No/100 Dollars (\$10.00) cash and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by Grantor.

Property (including any improvements):

Those certain property rights and interests associated with and belonging to the "Groundwater Estate" (defined herein) in and underlying those certain 203.29 acre tract, more or less, in Robertson County, Texas, more particularly described by

metes and bounds in Exhibit "A" to that Special Warranty Deed dated November 24, 2020, and recorded in Volume 1426 at Pages 794 *et seq* in the Official Public Records of Robertson County, Texas, including the right of Grantee to access in, on, over and across said 203.29 acre parcel for the purposes of exploring for, drilling and developing the Groundwater Estate and, thereafter, producing, treating, transporting and/or storing the groundwater in, on and under said 203.29 acres.

Definition of Groundwater Estate:

As used in this Special Warranty Deed Severing the Groundwater Estate, the term "Groundwater Estate" shall mean all legal right and title to the ownership of all water percolating beneath the surface of the real property defined herein containing 203.29 acres more particularly described by metes and bounds in that certain Special Warranty Deed dated November 24, 2020, and recorded in Volume 1426 at Pages 794 *et seq* in the Official Public Records of Robertson County, Texas, now and in the future, including all appurtenant rights to explore, drill for, develop and produce said groundwater from the Groundwater Estate, which rights include access to, on, over and across said surface estate together with the right to occupy and use as much of the surface of said Tract 1 and Tract 6 as may reasonably be necessary for such purposes.

Notice of Groundwater District and other regulatory authority:

Grantee expressly acknowledges that the rights (i) of subsurface access to the Property for drilling, exploring, operating, developing, producing the groundwater and/or drainage for the purpose of removing groundwater from the Property, and (ii) of surface access and use in, on and over the real property defined as 203.29 acres more particularly described by metes and bounds in that certain Special Warranty Deed dated November 24, 2020, and recorded in Volume 1426 at Pages 794 *et seq* in the Official Public Records of Robertson County, Texas, including use in dedicated Rights of Way and/or platted or recorded utility easements for the limited purposes to construct, own, operate and maintain groundwater wells, pump units, storage and treatment facilities, and pipelines to transport groundwater produced from Grantee's development activities on the Property, (a) is without warranty, guarantee or other representation as to the quantity or quality of the Groundwater that may be available or produced from the Property, and (b) is subject to any and all applicable statutes, regulations and rules, including those of the Brazos Valley Groundwater Conservation District.

RESERVATIONS FROM CONVEYANCE: SAVE AND EXCEPT, HOWEVER, and there is hereby RESERVED unto Grantor, its successors and assigns the following:

- (a) Title to the Surface Estate of the 203.29 acre tract, more or less, in Robertson County, Texas, more particularly described by metes and bounds in Exhibit "A" to that Special Warranty Deed dated November 24, 2020, and recorded in Volume 1426 at Pages 794 *et seq* in the Official Public Records of Robertson County, Texas, together with all oil, gas and other minerals in, on, over and across said real property (the "Mineral Estate"); **and**

(b) the limited right to use groundwater producible from the Groundwater Estate for beneficial, non-wasteful purposes on the Property for the following limited purposes:

- (i) use in conjunction with the development of the Mineral Estate in, on over and under said 203.29 acre tract, more or less, in Robertson County, Texas, more particularly described by metes and bounds in Exhibit "A" to that Special Warranty Deed dated November 24, 2020, and recorded in Volume 1426 at Pages 794 *et seq* in the Official Public Records of Robertson County, Texas overlying the Groundwater Estate herein conveyed; and
- (ii) any exempt use authorized by law on the 203.29 acre tract, more or less, in Robertson County, Texas, more particularly described by metes and bounds in Exhibit "A" to that Special Warranty Deed dated November 24, 2020, and recorded in Volume 1426 at Pages 794 *et seq* in the Official Public Records of Robertson County, Texas.

EXCEPTIONS TO CONVEYANCE AND WARRANTY:

The conveyance and warranties of title herein are expressly made subject to the following liens, assignments, exceptions, easements, restrictive covenants, conditions, and encumbrances incorporated herein for all purposes:

- (i) all matters of public record, including all matters that would be disclosed by a current, accurate review of any and all applicable governmental records, including the applicable records of the Texas Commission on Environmental Quality; **and**
- (ii) All easements, restrictions, reservations, and covenants of record, including:
 - a. Any prior reservations of oil, gas, lignite, or other minerals;
 - b. Any existing and valid oil, gas and mineral leases, or easements or rights-of-way; and
 - c. Any other existing rights or encumbrances, including leases, utilities, and pipeline easements; **and**
- (iii) All matters that a current, accurate survey of the Property would show.

The foregoing Exceptions to the Conveyance and Warranty of the Groundwater Estate may be collectively referred to herein as the "Permitted Exceptions."

Grantor, for the Consideration, and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, GRANTS, SELLS, and CONVEYS to Grantee the Groundwater Estate, together with all and singular the rights and appurtenances thereto in any

way belonging, to have and to hold it to Grantee and Grantee's heirs, successors, and assigns forever. Grantor binds Grantor, and Grantor's heirs and successors, to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof when the claim is by, through, or under Grantor but not otherwise.

TAXES: Taxes for the current year and future years will continue to be the obligation and responsibility of Grantor unless and until the Groundwater Estate is separately assessed and taxes levied on the basis of the severed Groundwater Estate, at which time, and thereafter, each separate assessment of, and taxes levied upon the Groundwater Estate shall be the sole obligation of Grantee.

The use of any pronoun herein to refer to Grantor or Grantee shall be deemed a proper reference even though Grantor and/or Grantee may be an individual (either male or female), a corporation, a partnership or a group of two or more individuals, corporations and/or partnerships, and when this Deed is executed by or to a corporation, or trustee, the words "heirs, executors and administrators" or "heirs and assigns" shall, with respect to such corporation or trustee, be construed to mean "successors and assigns."

EXECUTED to be EFFECTIVE as of the Effective Date.

GRANTORS:

By: Bradley Evans Ely
Bradley Evans Ely

By: Benjamin Yates Ely
Benjamin Yates Ely

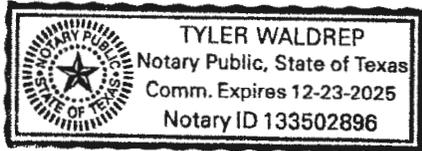
By: Barton Everett Ely
Barton Everett Ely

By: Barry David Ely
Barry David Ely

ACKNOWLEDGMENT

STATE OF TEXAS §
 §
COUNTY OF ROBERTSON §

This instrument was sworn, subscribed to, and acknowledged before me on July __, 2023 by **Bradley Evans Ely** for the purposes and considerations recited herein.



Tyler Waldrep
Notary Public, State of Texas
Tyler Waldrep
(Name - Typed or Printed)
Notary ID No.: 133502896
12.23.25
(My Commission Expires)

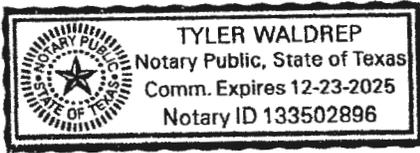
[NOTARY SEAL]

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ACKNOWLEDGMENT

STATE OF TEXAS §
 §
COUNTY OF ROBERTSON §

This instrument was sworn, subscribed to, and acknowledged before me on July __, 2023 by **Barton Everett Ely** for the purposes and considerations recited herein.



[Handwritten Signature]

Notary Public, State of Texas
Tyler Waldrep
(Name - Typed or Printed)
Notary ID No.: 133502896
12-23-25
(My Commission Expires)

[NOTARY SEAL]

Doc Bk Vol Ps
20232563 OR 1537 319

ACKNOWLEDGMENT

STATE OF TEXAS §
COUNTY OF ROBERTSON §

This instrument was sworn, subscribed to, and acknowledged before me on July 11, 2023 by **Barry David Ely** for the purposes and considerations recited herein.

Sara Huggins

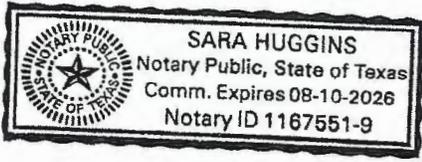
Notary Public, State of Texas

Sara Huggins

(Name - Typed or Printed)
Notary ID No.: 1167551-9

8/10/2026

(My Commission Expires)



[NOTARY SEAL]

Doc 20232563 Bk OR Vol 1537 Pg 320

GRANTEE: ELY FAMILY PARTNERSHIP L.P.,
a Texas limited partnership

By: *Bradley Evans Ely*
Bradley Evans Ely, President

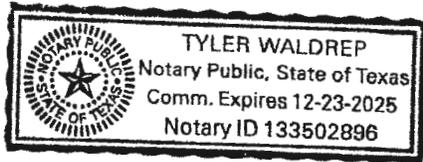
ACKNOWLEDGMENT

STATE OF TEXAS

§
§
§

COUNTY OF ROBERTSON

This instrument was sworn, subscribed to, and acknowledged before me on July __, 2023 by Bradley Evans Ely, President of the ELY FAMILY PARTNERSHIP L.P., a Texas limited partnership, on behalf of said limited partnership for the purposes and considerations recited herein.



Tyler Waldrep
Notary Public, State of Texas
Tyler Waldrep
(Name - Typed or Printed)
Notary ID No.: 133502896
12.23.25
(My Commission Expires)

[NOTARY SEAL]

Doc 20232563 Bk OR Vol 1537 Pg 321

AFTER RECORDING RETURN TO:

ELY FAMILY PARTNERSHIP L.P.
Attn: Bradley Evans Ely
PO Box 868
Hearne, Texas 77859

FILED FOR RECORD IN
Robertson County
Stephanie M. Sanders
COUNTY CLERK

ON: Jul 24, 2023 AT 10:23A

as
Recordings

Document Number: 20232563
Total Fees : 62.00

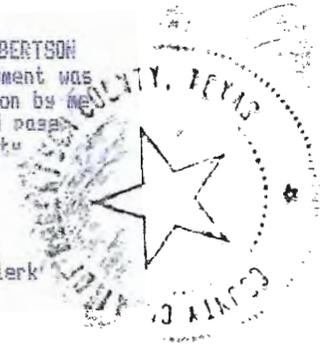
Receipt Number - 143369
By:
Maxine Lattimore, Deputy

STATE OF TEXAS COUNTY OF ROBERTSON

I hereby certify that this instrument was
filed on the date and time stamped hereon by me
and was duly recorded in the volume and page
of the named records of Robertson County
as stamped hereon by me.

Jul 24, 2023

Stephanie M. Sanders, County Clerk
Robertson County



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.

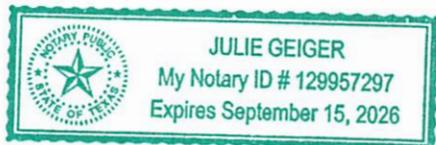
1. I am submitting to the Brazos Valley Groundwater Conservation District (“District”) an application addendum for the transport permit related to previously authorized production from water wells located as specified in **BVDO-0377; BVDO-0378; BVDO-0379; BVDO-0380; BVDO-0381; BVDO-0382; BVDO-0383; BVDO-0384** (“Water Rights”).
2. Co-Applicant entered into an Exclusive Option to Lease Agreement with **Ely Family Partnership LP** (“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