Attachment B –
Location of Wells

Well Locations and Operating Permit Production Amounts

Well Name	Latitude (NAD83)	Longitude (NAD83)	BVGCD Permit No.	Requested Annual Maximum Capacity (gpm)	Requested Annual Maximum Production (ac-ft/yr)
CS-1	30.886626	-96.658433	BVDO-0254	3,000	4,839
CS-2	30.903856	-96.662094	BVDO-0255	3,300	5,322
CS-3	30.919483	-96.642627	BVDO-0256	3,300	5,322
2019 Production Permits				**9,600**	**15,483**
Well B	30.932321	-96.691592	BVDO-0292	3,150	4,068
Well C	30.916287	-96.721219	BVDO-0293	1,550	2,001
Well G	30.871826	-96.689291	BVDO-0294	2,150	2,776
Well PS 1	30.937420	-96.676560	BVDO-0295	2,450	3,164
Well PS 2	30.889026	-96.684725	BVDO-0296	1,500	1,937
Well PS 3	30.893501	-96.663845	BVDO-0297	2,400	3,099
Well PS 4	30.917196	-96.631244	BVDO-0298	2,250	2,905
Well PS 5	30.882803	-96.673047	BVDO-0299	1,500	1,937
Well PS 6	30.880632	-96.650098	BVDO-0300	1,700	2,195
Well PS 8	30.872396	-96.675639	BVDO-0301	1,750	2,260
Well PS 9	30.913084	-96.653847	BVDO-0302	2,850	3,680
Well PS 10	30.954950	-96.680068	BVDO-0303	1,500	1,937
Well PS 11	30.901250	-96.651604	BVDO-0304	1,980	2,557
2022 Production Permits				**26,730**	**34,516**
TOTAL MAXIMUM ANNUAL AGGREGATE PRODUCTION				**36,330**	**49,999**

LRE WATER
CONNECTING WATER TO LIFE

Attachment C –
Section IV - Plans

LRE WATER

Attachment C

Section IV – Plans

Water demands for Milam County range from 13,953 ac-ft/yr in 2020 to 14,785 ac-ft/yr in 2070[1] with related anticipated shortages from 79 to 961 ac-ft/yr. Water demands for Williamson County range from 116,950 ac-ft/yr in 2020 to 283,860 ac-ft/yr in 2070 with anticipated shortages ranging from 21,418 ac-ft/yr in 2020 to 167,074 ac-ft/yr in 2070. For Travis County water demands range from 267,501 ac-ft/yr in 2020 to 430,760 ac-ft/yr in 2070 with anticipated shortages from 3,102 ac-ft/yr in 2020 to 43,787 ac-ft/yr in 2070. Bell County water demands range from 76,699 ac-ft/yr in 2020 to 128,729 ac-ft/yr in 2070 with anticipated shortages of 3,745 ac-ft/yr in 2020 to 31,530 ac-ft/yr in 2070. (State Water Plan 2022). The largest growth across the 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 the UW BVF property demonstrate that groundwater supply is and will be in high demand.

Water demands within Robertson County range from 141,242 ac-ft/yr in 2020 to 145,687 ac-ft/yr in 2070, with the growth shown as municipal and mining, and with anticipated shortages of 12,932 ac-ft/yr in 2020 to 18,502 ac-ft/yr in 2070. Brazos County water demands range from 86,038 ac-ft/yr in 2020 to 125,339 ac-ft/yr in 2070, with growth shown as municipal demand, and with anticipated shortages of 100 ac-ft/yr in 2020 to 33,389 ac-ft/yr in 2070. (State Water Plan 2022).

As described by the major regional water supplier for the receiving area, Brazos River Authority (BRA), "Given the massive population growth and industrial expansion the Brazos basin is experiencing, the BRA will likely never again be in a position to have unallocated water in supply inventory. Quite the opposite, the BRA will likely always be in the position in the future of working to bring new supplies online to meet growing needs."[2] Surface water supplies are strained, which was clear in the 2011-2015 drought where portions of the Brazos basin documented a new drought of record. It is also highlighted this year as "drought conditions, exceptionally low reservoir inflows, the State 3 Drought Emergency declaration for Lake Proctor and potential for additional Stage 3 Drought Emergency declarations in 2023," have caused the BRA not to authorize the availability of interruptible water for calendar year 2023.[3]

The Regional Water Plan acknowledges the groundwater resources in the Carrizo-Wilcox Aquifer are "prodigious" and "prolific."[4] The groundwater in the Brazos G Area is not uniformly distributed, with about 52 percent in the eastern area, including Robertson and Brazos Counties.[5] It is not feasible or practicable for the receiving area to rely on surface water alone to meet long term demands; all strategies, including groundwater, will be part of assuring water security in the region. The 2021 Brazos G Regional Water Plan already recognizes the potential of transporting groundwater from Brazos and Robertson County to serve Williamson County demands. The

[1] Excluding 32,254 ac-ft/yr for steam electric as a demand reflecting a close generation facility for which the needs are intended to be left unmet. 2021 Brazos G Regional Water Plan p. 5.25-6 – 5.25-7.
[2] Brazos River Authority Self-Evaluation, Submitted to the Texas Sunset Advisory Commission, at p. 14 (Sept. 2019).
[3] Brazos River Authority, Bimonthly Board of Director's Actions, November 14, 2022.
[4] 2021 Brazos G Regional Water Plan, p. ES-4, ES-11 (Oct. 2020).
[5] 2021 Brazos G Regional Water Plan, p. 3-60 (Oct. 2020).

applicant, BVF currently owns 8,992.17 acres of land and holds operating permits for a total maximum annual combined non-historic use production amount of 49,999 ac-ft/yr from the Simsboro Aquifer in the Carrizo-Wilcox formation from which it would supply users in the receiving area. Water produced from the BVF private property is being considered as a water supply strategy to be expressly included in the 2026 regional planning process and the 2027 State Water Plan.

The District Management Plan alludes to large scale export projects that may alter District supplies. BVF has funded a Well Assistance Program to address Simsboro Aquifer responses to the authorized production.