

**BVGCD Management Plan Objectives
July 2024**

Goal/Objective	Performance Standard	Status
1a: Permitting of all existing and new non- exempt wells constructed in the District. Encourage registration of exempt wells.	The number of new non-exempt wells permitted in the District.	0 permitted – July 2024 Total 2024 - 6
	The number of exempt wells registered in the District.	35 registered – July 2024 (B) – 5; (R) – 29; (O/G) – 1 Total 2024 – 165; (B) – 56 (R) – 95 (O/G) – 14
1b: Regulation of groundwater production by permitted well through metering.	Number of applications made for permitted use.	0 application(s) – July 2024 Total 2024 – 6
	Type of application made for permitted use.	0 application(s) – July 2024 Agriculture – 5, Industrial – 1 Total 2024 – 6
	Number of permits issued by the District.	0 issued – July 2024 Total 2024 – 6
	Type of permit issued by the District.	0 permit(s) issued through July 2024 Total 2024 – 6
	Amount of groundwater permitted (acre ft.)	0 ac/ft. GW permitted July 2024 Total GW permitted (2024) -2660 ac-ft Total by Aquifer 2024; BRAA – 2000; Sparta – 350; CB – 310;
	Amount of actual annual production from each metered well as compared to permitted production	Spreadsheet of total actual production for each metered well (by aquifer) compared to permitted amount of production will be included in the 2023 Annual Report
1c: Assessment of available groundwater (by aquifer) using monitoring data collected (water levels/water use/water quality)	Number of wells in well monitoring network.	222 wells
	Major aquifer wells monitored.	149 (Carrizo-Wilcox group)
	Minor aquifer wells monitored.	73 (Queen City/Sparta/Yegua-Jackson/BRAA)
	Water quality tests by aquifer.	0 tests – May/June 2024 Total 2024 – 0
	Progress Report of groundwater availability.	Permitted production vs. actual production provided at each permit hearing.
2a: Water use fees to encourage conservation-oriented use.	Amount of fees generated (Historic/Non-Exempt Operating)	Total to be invoiced (2023 production) - \$792,643.31 Fees collected 2024 - \$481,198.93
	Amount of fees generated by Agricultural Use permits	Total invoiced (2023 production) - \$1,021.79 Fees collected 2024 - \$1,021.79

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	Amount of fees generated by Historic/Non-Exempt Industrial Operating Permits	Total invoiced (2023 production) - \$53,174.79 Total invoiced 2024 - \$38,365.12
	Amount of fees generated by Historic/Non-Exempt Municipal Public Water Supply permits	Total invoiced (2023 production) - \$644,564.72 Total invoiced 2024 - \$375,900.07
	Amount of fees generated by Historic/Non-Exempt Rural Water Supply Permits	Total invoiced (2023 production) - \$74,426.29 Total invoiced 2024 - \$46,456.23
	Amount of fees generated by Steam Electric Generation	Total invoiced (2023 production) - \$1,663.61 Fees collected 2024 - \$1,663.61
	Amount of fees generated by transport fees	Total invoiced (2023 export) \$0.00 Fees collected 2024 - \$0.00
	Amount of fees generated by BRAA fees for 2021	Total invoiced (2023 production) - \$17,792.11 Fees collected 2024- \$17,792.11
2b: Review District Rules to decrease amount of waste.	Annual review of rules for possible amendments addressing reduction of waste.	
2c: Provide information to public and schools on eliminating wasteful practices.	Website page dedicated to wise use of water.	District website contains a conservation page dedicated to the wise use of water. BVWaterSmart website, sponsored by BVGCD, contains many videos promoting conservation as well as lawn watering recommendations. 60 producers @ Tri-County Winter Crop Meeting 2-13-24; Brazos County CC meeting 2-27-24; Robertson County CC meeting 3-5-24; TCTGA meeting 4-6-24 (23); Twin Creek WSC Board of Directors Presentation 7-9-24;
	Provide water curriculum to local schools and in-school presentations encouraging wise use of water and the significance of aquifers.	See attached for school listings.
3a: District will map any region where more than 100 feet of drawdown has occurred since the year 2000 and assess the potential for land subsidence.	Consider the "Identification of the Vulnerability of the Major and Minor Aquifers of Texas to Subsidence with Regard to Groundwater Pumping" when considering subsidence during GMA 12 joint planning.	Identified four (4) sites for data collection – August 2, 2024. Two in each of Brazos and Robertson counties.
4a: Encourage use of surface water supplies to meet needs of user groups in the District	Attend Regional Water Planning Group Meeting (minimum of 1 meeting/year).	Attended 2-13-24 (Alan); Attended (Alan) 3-27-24; Attended (Alan) 5-15-24; Attended & Presented 8-1-24;
5a: Determine if natural spring flows may be impacted by increased groundwater pumping.	Springs found in District.	No springs identified at this time.

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	Monitoring wells established when spring flows found.	N/A at this time
6a: Palmer Drought Severity Index (PDSI) will be provided to Board members monthly.	Monthly assessment of drought conditions impacting Drought Contingency Plan.	Current 2024 PDSI/Crop Moisture Index/State Drought Monitor/U.S. Seasonal Drought Outlook attached. Website drought maps updated weekly. Sending weekly updates to board members via email.
	Plan triggers.	Reviewed, revised, and adopted November 8, 2012.
6b: 100% of permittees required by the State of Texas to submit Drought Contingency Plans will submit such plans when applying for a permit for well production.	Review 100% of DCP's when a severe drought Condition is reached as per PDSI.	All permits requiring State of Texas Drought Contingency Plans are reviewed at time of application
	Date severe drought condition reached.	N/A
	Number of DCP's to be reviewed.	0 reviewed
6c: Develop a District Drought Contingency Plan (adopted 11-8-12).	Review for effectiveness and updates annually.	Reviewed, revised, and adopted November 8, 2012. Reviewed & re-adopted 7-11-24
7a: 100% of water permit applicants will submit a water conservation plan or agree to comply with the District Water Conservation Plan.	Number of permits for production received requiring water conservation plans.	0 permit received – July 2024
	Number of water conservation plans submitted.	0 submitted – July 2024 Total for 2024 – 0 submitted
	Number of water conservation plans reviewed.	0 reviewed – July 2024 Total for 2024 – 0 reviewed
	Number of permittees agreeing to abide by District's water conservation plan.	0 entity abiding by DWCP – July 2024 Total for 2024 – 3 abiding by DWCP (6 permits)
7b: Develop a system for measurement and evaluation of groundwater supplies.	Minimum of 2 wells/aquifer.	Outlined by aquifer below. 222 monitor wells
	Brazos River Alluvium	Number of Monitoring Wells/Number
	Calvert Bluff	Number of Monitoring Wells/Number
	Carrizo	Number of Monitoring Wells/Number
	Hooper	Number of Monitoring Wells/Number
		23 wells/ 41 readings
		28 wells/ 36 readings
		21 wells/ 20 readings
		19 wells/ 16 readings

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	Queen City	Number of Monitoring Wells/Number	17 wells/ 13 readings
	Simsboro	Number of Monitoring Wells/Number	81 wells/ 159 readings
	Sparta	Number of Monitoring Wells/Number	23 wells/ 23 readings
	Yegua-Jackson	Number of Monitoring Wells/Number	10 wells/ 9 readings
		Total number of well year-to-date monitor readings	317 combined readings for all aquifers January 1 through December 31, 2024
7c: Assist in obtaining grant funds for the implementation of water conservation methods.	Number of meetings held with State Agencies		Met (virtually) with TWDB Ag Conservation team on Ag Grant Program 2-7-24
	Number of meetings held with Federal Agencies		Met with NRCS (J. Garza) on well plugging February 2024
	Number of meetings of the Grants subcommittee		Met 7-11-24 to review current grants/budget recommendations
	Number of grant applications received		0
	Number of water conservation grants approved by Board of Directors		2 – The City of College Station and Wickson Creek SUD were granted funds (\$32,500) by the BVGCD to maintain ET weather stations, remote rain gauges and a website to inform public on lawn irrigation recommendations (2019). Grants approved for both Remote Control Access (New) Agricultural Irrigation Pivot Systems & Agricultural Soil Moisture Sensor (\$10,000) April 5, 2024
8a: Develop baseline water quality data and a system for continued evaluation of groundwater quality.	Water quality tests conducted		Long term water quality reports taken by the TWDB compiled by WSP USA. Will be summarized for Board use. BVGCD water quality information made available from TWDB will be incorporated into the inactive ArcGIS web portal.

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8b: Require all water permittees that are subject to well vulnerability studies prior to constructing a well to provide evidence of the study to the District prior to construction.	Number of wells requiring well vulnerability studies.	0
	Number of well vulnerability studies received.	0
	Well plugging efforts*	2 as of 6-30-24 (\$1,299.45)
	Number of water Permittees provided with wellhead protection information. Conduct in-school presentation addressing aquifer contamination and protection.	All well owners (exempt and non-exempt) that have drilled, permitted, or registered a well on or after January 1, 2014, were sent 2 information sheets detailing new owner responsibilities and well head protection information. All subsequent new well or newly registered well owners are provided the same wellhead protection. See attached school listings.
9a: Evaluate water level monitoring data and determine if change conforms to adopted DFCs for each aquifer.	Once every 3 years (for each aquifer): <ul style="list-style-type: none"> • Report water level data obtained • Average artesian head change • Comparison of changes to DFCs • Progress on conforming to DFCs 	DFC compliance presentation given 7-11-24 (AGS)
	Once annually (for each aquifer): <ul style="list-style-type: none"> • Report total permitted GW production • Report total estimated annual GW production • Compare this data to the MAG 	Presented to the Board at each Board meeting in a spreadsheet format. 1-11-23; 2-8-23; 3-14-24; 4-11-24; 5-16-24; 7-11-24; 8-8-24;

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Taught aquifer science/water conservation/aquifer protection/watersheds to:

- 380 – 5th grade Pecan Trail Intermediate School 1-4 thru 1-5-24
- 250 – 5th grade Cypress Grove Intermediate School 1-5 & 1-8-24
- 100 – 4th grade Johnson Elementary School 1-8-24
- 340 – 5th grade Jane Long Intermediate School 1-9 thru 1-11-24
- 60 – 4th grade Bowen Elementary School 1-12-24
- 120 – 4th grade Jones Elementary School 1-17-24
- 65 – 4th grade Navarro Elementary School 1-18-24
- 80 – 4th grade Neal Elementary School 1-19-24
- 60 – 4th grade Kemp Elementary School 1-19-24
- 360 – 5th grade Rayburn Intermediate School 1-22 thru 1-24-24
- 100 – 4th grade Sul Ross Elementary School 1-25-24
- 80 – 4th grade Fannin Elementary School 1-26-24
- 120 – 4th grade College Hills Elementary School 1-29-24
- 90 – 4th grade Bonham Elementary School 1-30-24
- 80 – 4th grade Crockett Elementary School 1-31-24
- 120 – 4th grade Spring Creek Elementary School 2-1-24
- 80 – 4th & 5th grade Mumford Elementary School 2-2-24
- 140 – 4th grade IL Texas Elementary School 2-5 & 2-6-24
- 110 – 4th grade Greens Prairie Elementary School 2-7-24
- 95 – 4th grade Franklin Elementary School 2-9 & 2-16-24
- 140 – 5th grade IL Texas Elementary School 2-12-24
- 100 – 4th grade Forest Ridge Elementary School 2-13-24
- 95 – 4th grade South Knoll Elementary School 2-15-24
- 100 – 4th grade Southwood Valley Elementary School 2-16-24
- 100 – 4th grade River Bend Elementary School 2-26 & 2-27-24

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- 60 – 4th grade Pebble Creek Elementary School 2-28-24
- 26 – 4th & 5th grade Calvert Elementary School 2-29-24
- 95 – 4th & 5th grade Hearne Elementary School 3-4 & 3-5-24
- 120 – 4th grade Rock Prairie Elementary School 3-8-24
- 280 – 7th grade SFA Middle School 3-18 thru 3-21-24
- 85 – 4th grade Creek View Elementary School 3-22-24
- 395 – 7th grade Davila Middle School 3-25 & 3-26-24
- 40 – 7th grade Mumford Middle School 3-27 & 3-28-24
- 100 – 5th grade Franklin Elementary School 4-2-24
- 100 – 7th grade Franklin Middle School 4-3 & 4-4-24
- 300 – 7th grade College Station Middle School 4-29 – 5-1-24
- 420 – 7th grade Wellborn Middle School 5-6 – 5-9-24