BVGCD Management Plan Objectives
January, 2016

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.	8 permitted – January, 2016 **Total 2016** - D/O- 8
	The number of exempt wells registered in the District.	4 exempt wells registered (4-Brazos, 0-Robertson, 0-O/G) **Total-2016** (4-Brazos, 0-Robertson, 0-O/G)
1b: Regulation of groundwater production by permitted well through metering.	Number of applications made for permitted use.	8 applications – January, 2016 **Total 2016** – 8
	Type of application made for permitted use.	8 applications – January, 2016 1 – Industrial; 7 – Agricultural **Total 2016**- Industrial – 1; Agricultural Use –7;
	Number of permits issued by the District.	8 issued – January, 2016 **Total 2016** – 8
	Type of permit issued by the District.	8 permits issued through December, 2016 **Total 2016** – Industrial – 1 Agricultural Use – 7;
	Amount of groundwater permitted (acre ft.)	4.168 ac/ft. groundwater permitted – January, 2016 Total GW permitted (2016) – 4,168 ac-ft. **Total 2016** – BRA –4,168 ac-ft.
	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 2016 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.	154 wells
	Major aquifer wells monitored.	94 (Carrizo-Wilcox group)
	Minor aquifer wells monitored.	60 (Queen City/Sparta/Yegua-Jackson/BRA)
	Water quality tests by aquifer.	0 tests Total 2015 – 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)	**Fees collected 2016** - $

BVGCD Management Plan Objectives
January, 2016

	Amount of fees generated by Agricultural Use permits	**Total invoiced 2016** - $ **Fees collected 2016** - $
	Amount of fees generated by Historic/Non Exempt Industrial Operating Permits	$ invoiced for January, 2015 **Total invoiced 2016** - $
	Amount of fees generated by Historic/Non Exempt Municipal Public Water Supply permits	$ invoiced for January, 2015 **Total invoiced 2016** - $
	Amount of fees generated by Historic/Non Exempt Rural Water Supply Permits	$ invoiced for January, 2015 **Total invoiced 2016** - $
	Amount of fees generated by Steam Electric Generation	**Total invoiced 2016** - $ **Fees collected 2016** - $
	Amount of fees generated by transport fees	**Total invoiced 2016** $0.00 **Fees collected 2016** - $0.00
	Amount of fees generated by BRA fees for 2015	$11,389.07 invoiced for 2016 **Total invoiced 2016**- $ **Fees collected 2016**- $
2b: Review District Rules to decrease amount of waste.	Annual review of rules for possible amendments addressing reduction of waste.	Board adopted Rule 7.2 (DFC Enforcement) on 1-14-16.
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.
	Provide water curriculum to local schools and in-school presentations encouraging wise use of water and the significance of aquifers.	90 copies to Navarro 5th grade 2-3-16 Taught aquifer science/water conservation to 65 5th grade students at Neal Elem. 1-12-16; 80 5th graders at Sam Houston Elem. 1-15-16; 90 5th graders at Navarro Elem. 2-8-16;
3a: 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).	GM attended the Brazos G RWPG:
4a: Determine if natural spring flows may be impacted by increased groundwater pumping.	Springs found in District.	
	Monitoring wells established when spring flows found.	
5a: Palmer Drought Severity Index (PDSI) will be provided to Board members monthly.	Monthly assessment of drought conditions impacting Drought Contingency Plan.	Current 2016 PDSI/Crop Moisture Index/State Drought Monitor/U.S. Seasonal Drought Outlook attached. Website drought maps updated weekly.
	Plan triggers.	See District Drought Contingency Plan adopted November 8, 2012. Plan reviewed September, 2016

BVGCD Management Plan Objectives
January, 2016

			with no revisions.
5b: 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.		
	Date severe drought condition reached.		N/A
	Number of DCP's to be reviewed.		0 reviewed
5c: Develop a District Drought Contingency Plan (adopted 11-4-10).	Review for effectiveness and updates annually.		Reviewed, revised and adopted November 8, 2012. DDCP reviewed September, 2016 with no revisions.
6a: 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 permits received – January, 2016 **Total for 2016** – 8 permits received
	Number of water conservation plans submitted.		0 submitted – January, 2016 **Total for 2016** –0 submitted
	Number of water conservation plans reviewed.		0 reviewed – January, 2016 **Total for 2016** – 0 reviewed
	Number of permittees agreeing to abide by District's water conservation plan.		8 abiding by DWCP – January, 2016 **Total for 2016** -8 abiding by DWCP
6b: Develop a system for measurement and evaluation of groundwater supplies.	Minimum of 2 wells/aquifer.		Outlined by aquifer below. 144 monitoring wells/87 monitored in January, 2016
	Brazos River Alluvium	Number of Monitoring Wells/Number	26 wells/14 monitored 14 readings
	Calvert Bluff	Number of Monitoring Wells/Number	9 wells/8 monitored 8 readings
	Carrizo	Number of Monitoring Wells/Number	7 wells/7 monitored 7 readings
	Hooper	Number of Monitoring Wells/Number	16 wells/8 monitored 8 readings
	Queen City	Number of Monitoring Wells/Number	3 wells/2 monitored 2 readings
	Simsboro	Number of Monitoring Wells/Number	52 wells/49 monitored 49 readings

BVGCD Management Plan Objectives
January, 2016

	Sparta	Number of Monitoring Wells/Number	20 wells/20 monitored 20 readings
	Yegua-Jackson	Number of Monitoring Wells/Number	11 wells/8 monitored 8 readings
		Total number of well year-to-date monitor readings	116 combined readings for all aquifers January through December, 2016
6c: Assist in obtaining grant funds for the implementation of water conservation methods.	Number of meetings held with State Agencies		
	Number of meetings held with Federal Agencies		
	Number of meetings of the Water Conservation Enhancement subcommittee		1 –2-3-16 to discuss program parameters and make recommendations/review 8 proposals
	Number of water conservation grant applications received		8 applications received by 12-31-15
	Number of water conservation grants approved by Board of Directors		3 – The City of College Station, City of Bryan, and Wickson Creek SUD were granted funds ($39,500) by the BVGCD to maintain ET weather stations, remote rain gauges, and a website to inform public on lawn irrigation recommendations (2015).
7a: 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 LBG-Guyton. Will be summarized for Board use. BVGCD water quality information made available from TWDB will be incorporated into the inactive ArcGIS web portal.
7b: 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 well plugging contracts in 2016

BVGCD Management Plan Objectives
January, 2016

	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 well head protection brochures. Taught aquifer protection to 65 5th grade students at Neal Elem. 1-12-16; 80 5th at Sam Houston Elem. 1-15-16; 80 5th at Navarro Elem. 2-8-16
8a: Evaluate water level monitoring data and determine if change conforms to adopted DFCs for each aquifer.	Once every 3 years (for each aquifer): • Report water level data obtained • Average artesian head change • Comparison of changes to DFCs • Progress on conforming to DFCs	
	Once annually (for each aquifer): • 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.