

CCGCD ANNUAL REPORT: GOAL 1

GOAL	OBJECTIVE	2020 PERFORMANCE STANDARDS OBJECTIVES	DUE	STANDARDS MET?	ACTIONS TAKEN/COMMENTS
GOAL 7: ADDRESSING THE DESIRED FUTURE CONDITIONS	MAINTAIN A WELL REGISTRATION PROCESS (8.1.1)				
	The CCGCD require all exempt and non-exempt wells to be registered with the District and has the authority to impose fines against those who do not register their wells. Also, it is a violation of District rules for drillers and pump installers to work on a well that is not registered with the District. District staff will at least twice annually report to the Board the number of well registrations to date and the number of violations and associated fines for failure to register or working on wells not registered.	Provide the number of reports on well registration to the Board each year.	At least twice in 2020 and during Annual Report meeting	Yes	Reports provided to Board in January and November 2020.
		Provide the number of well registrations to the Board each year.	At least twice in 2020 and during Annual Report meeting	Yes	5,321 wells have been registered with the District. Of those, 160 were registered in 2020 (156 new and 4 existing).
		Provide the number of registration violations and the associated fines to the Board each year.	At least twice in 2020 and during Annual Report meeting	Yes	There were seven registration violations in 2020 by a driller that was assessed a fine of \$250. Some warnings for violations were issued as well.
	MAINTAIN A WELL PERMITTING PROCESS (8.1.2)				
	The CCGCD requires all active non-exempt wells be permitted with the District. CCGCD staff will disclose to the Board at least twice annually, the number of permit applications, the number of permits granted and the number of permits pending. During these reports, staff will also report the associated total permitted amount. The District will impose fines as necessary to ensure adherence to District rules regarding permitting requirements. Staff will report the number of permit violations and associated fines.	Provide the number of reports regarding permitting.	At least twice in 2020 and during Annual Report meeting	Yes	Reports provided to Board in January and November 2020 and during presentation of Annual Report in January 2021.
		Provide the number of permit applications received and permits granted each year.	At least twice in 2020 and during Annual Report meeting	Yes	Reported in January and November of 2020 and during presentation of Annual Report in January 2021. 20 new permit applications were received and granted in 2020. Of these, 14 were Class A, 3 were Class B and 3 were Class C. 154 permit renewals were granted.
		Provide the permit volume for permits granted.	At least twice in 2020 and during Annual Report meeting	Yes	Reported in January and November of 2020 and during presentation of Annual Report in January 2021. Total volume of new permits is 9,426.6 ac-ft. Of this, 388.6 ac-ft were assigned to Class A permits, 1,239.5 ac-ft to Class B permits and 7,798.5 ac-ft to Class C permits. Volume of permit renewals is 134,927.8 ac-ft.
		Provide the number of permits pending at year-end.	By 12/31/2020 or during Annual Report meeting	Yes	One Class C permit was pending approval at year end. 12 permit renewals were pending approval.
		Provide the number and amount of fines imposed each year as a result of failure to permit.	By 12/31/2020 or during Annual Report meeting	Yes	No fines were assessed due to failure to permit.
	MAINTAIN A WELL METERING PROGRAM AND ENFORCE RULES REGARDING WATER USAGE REPORTING (8.1.3)				
	CCGCD requires that Class C permit holders (wells with the capacity to pump more than 600 gpm) install meters on their wells unless exempted by the CCGCD Board. Additionally, permit holders are required to report water usage annually at year end. CCGCD has authority to impose fines against those who fail to meter their wells as stipulated or to report usage within the required timeframe.	Provide number of wells required to be metered and the number acutally metered.	By 12/31/2020 or during Annual Report meeting	Yes	The District required installation of 209 meters on permitted wells. To date, 198 were installed. Some wells are pending installation. Some farmers have wells with meters that have failed and not replaced as yet.
		Provide the number of violations and total fines assessed as a result of not metering as stipulated by rules.	By 12/31/2020 or during Annual Report meeting	Yes	There were no violations or fines assessed in 2020 due to failure to meter wells.
		Provide the number of violations and total fines assessed for failure to report water usage.	By 12/31/2020 or during Annual Report meeting	Yes	No fines were issued though warnings were sent to well owners who were significantly past the deadline to report.

CCGCD ANNUAL REPORT: GOAL 2

GOAL	OBJECTIVE	2020 PERFORMANCE STANDARDS OBJECTIVES	DUE	STANDARDS MET?	ACTIONS TAKEN/COMMENTS
GOAL 7: ADDRESSING THE DESIRED FUTURE CONDITIONS	SET AND ENFORCE SPACING REQUIREMENTS AND PUMPAGE REGULATIONS (8.2.1)				
	In order to minimize the potential for waste of groundwater resources, the CCGCD shall mandate minimum spacing regulations from water production wells from property lines and from each other. For non-exempt wells, spacing from existing wells shall be defined by the pumpage rate put forth in the permit application. The CCGCD also clearly establishes on the permit a maximum amount to be pumped over the course of the permit period. District staff will investigate and report to the Board all instances where spacing regulations were not followed and where pumpage exceeded the amount allowable.	Provide the number of violations and total fines assessed from failure to adhere to spacing requirements.	By 12/31/2020 or during Annual Report meeting	Yes	No violations have occurred and no fines have been assessed in 2020 for failure to adhere to District-mandated spacing requirements.
		Provide the number of violations and total fines assessed from failure to adhere to pumping allowances.	By 12/31/2020 or during Annual Report meeting	Yes	No violations have occurred and no fines have been assessed in 2020 for failure to adhere to pumping allowances.
	MAINTAIN A WATER WELL INSPECTION PROGRAM FOR NON-EXEMPT WELLS (8.2.2)				
	The District will monitor and communicate to well owners any indications of inefficiency in well operations that might cause waste of groundwater as defined in Management Plan. CCGCD staff will report to the Board at least annually, the number of site visits to check equipment and the number of notices and violations of District rules regarding waste.	Provide the number of site visits to inspect wells.	By 12/31/2020 or during Annual Report meeting	Yes	No site visits were conducted in 2020.
		Provide the number of notices and violations of District rules regarding well maintenance and/or groundwater waste.	By 12/31/2020 or during Annual Report meeting	Yes	No violations or notices were sent regarding lack of well maintenance or groundwater waste in 2020.
	DISSEMINATE INFORMATION ON WASTE PREVENTION (8.2.3)				
	In conjunction with efforts in water conservation, the CCGCD will implement a waste prevention program with the purpose of educating constituents of the District on ways to prevent waste of groundwater. The District staff at least once annually shall give notice to the public of ways to prevent waste in one or more of the following ways: updates on the District website or District Facebook page; presentations to civic or governmental groups; articles in newspapers or newsletters; or by making available appropriate brochures.	Provide the number ways the District provided notice to the public on how to prevent waste of groundwater.	By 12/31/2020 or during Annual Report meeting	Yes	District provided notice to the public of ways to prevent waste by the following: 1) through multiple posts on the District Facebook page regarding prevention of waste; 2) through a brochures entitled "Texas Lawn Water Guide" and a second brochure that addressed runoff, evaporation, underwatering and overwatering that were made available at the District office. No presentations were given by the General Manager or other District representatives to civic groups because of constraints on public gatherings due to the COVID-19 pandemic.

CCGCD ANNUAL REPORT: GOAL 3

GOAL	OBJECTIVE	2020 PERFORMANCE STANDARDS OBJECTIVES	DUE	STANDARDS MET?	ACTIONS TAKEN/COMMENTS
GOAL 7: ADDRESSING THE DESIRED FUTURE CONDITIONS	PARTICIPATION IN REGIONAL PLANNING PROCESSES (8.3.1)				
	CCGCD is wholly within the Lower Colorado River Planning Group (Region K). Each year that the regional water planning process is underway, the District will attend at least one Region K meeting.	Provide the number of Region K meetings held and attended by a District representative each year.	By 12/31/2020 or during Annual Report meeting	Yes	The General Manager, as District representative of Region K, has attended 6 out of 6 Region K meetings (four virtual meetings). Additionally, the representative attended two Region K committee meeting (both virtually).
	WORK WITH LCRA TO PROMOTE POSITIVE CONJUNCTIVE WATER MANAGEMENT PROJECTS (8.3.2)				
	The CCGCD will work with LCRA and appropriate government agencies to advance projects that might protect and/or supplement groundwater resources in the area. To help accomplish this, District staff will routinely monitor LCRA conjunctive water projects that might impact CCGCD and report the appropriate news to the Board at least twice annually.	Provide the number of updates to the CCGCD Board regarding LCRA conjunctive use projects.	At least twice in 2020	Yes	Reports were provided every regular meeting (seven total) on status of LCRA Highland Lake levels. Updates for proposed LCRA reservoirs (Arbuckle and Prairie) provided in January and November 2020.
	IDENTIFY AND ADDRESS LEGISLATIVE POLICIES THAT MIGHT AFFECT GROUNDWATER RESOURCES (8.3.3)				
	CCGCD staff regularly uses TAGD as a means to monitor Texas State legislative and judicial activity regarding groundwater issues. Staff will present to the Board at least twice annually while the Texas legislature is in session, updates on legislative and judicial activities that may impact CCGCD constituents. The Board will pass resolutions, as needed, to help influence the formulation of legislative policies that might positively impact the District.	Provide the number of updates to the CCGCD Board of groundwater related legislative policies.	At least twice in 2020	Yes	Since the Texas Legislature was not in session in 2020, there were minimal legislative items for discussion. An update on legislative activity was provided at the June 2020 meeting.
		Provide the total number of resolutions passed by the Board and/or testimonies given that were meant to influence legislative policy.	As needed	Yes	The Board passed no resolutions to and no testimonies were given to date that were meant to influence legislative policy.

CCGCD ANNUAL REPORT: GOAL 4

GOAL	OBJECTIVE	2020 PERFORMANCE STANDARDS OBJECTIVES	DUE	STANDARDS MET?	ACTIONS TAKEN/COMMENTS
GOAL 7: ADDRESSING THE DESIRED FUTURE CONDITIONS	ESTABLISH AND MAINTAIN A WATER-QUALITY MONITORING PROGRAM (8.4.1)				
	The CCGCD will maintain a water-quality monitoring network. Additionally, CCGCD will act on all reasonable requests from constituents involving water quality concerns. The CCGCD staff will report to the Board at least once annually, the number of samples collected and analyzed and a synopsis of the associated results.	Provide the number of water-quality monitoring wells	By 12/31/2020 or during Annual Report meeting	Yes	In order to monitor potential impact to the aquifer due to contamination from the Inland Environmental facility (directly or from Skull Creek), CCGCD contracted with a company to drill and test several monitor wells near Skull Creek. Due to COVID-19 pandemic, access to property has been delayed indefinitely. No water-quality monitoring wells were tested in 2020.
		Provide the number of samples collected and analyzed	By 12/31/2020 or during Annual Report meeting	Yes	No water-quality samples were collected in 2020.
		Provide a synopsis of water quality test results highlighting any areas where contamination has been reported or discovered	By 12/31/2020 or during Annual Report meeting	NA	No water-quality samples and no testing was performed in 2020.
		Provide the number of actions taken regarding water quality issues submitted by constituents	By 12/31/2020 or during Annual Report meeting	Yes	Nine constituents inquired with the CCGCD about testing their groundwater and were referred to the Texas AgriLife Extension Agency and other appropriate sites.
	ENFORCE PROPER MAINTENANCE OF SUSPENDED WELLS AND ENCOURGE PLUGGING OF ABANDONED WELLS (8.4.2)				
	The CCGCD may inspect suspended and abandoned wells to ensure proper closing of wells in accordance to rules set forth by CCGCD. Notices will be sent and fines may be assessed against well owners whose wells do not adhere to District Rules. In order to incentivize well owners with abandoned wells to plug them, the District will maintain a rebate program whereby well owners can recover some of the cost of plugging their wells.	Provide the number of notices sent out and possible fines assessed to well owners or operators concerning violations of District rules concerning proper closure of abandoned or suspended wells	By 12/31/2020 or during Annual Report meeting	Yes	No notices or fines were assessed due to failure to properly close or plug abandoned or suspended wells in 2020.
		Provide the number of wells plugged each year	By 12/31/2020 or during Annual Report meeting	Yes	Four plugging reports have been provided to the District by the State.
		Provide the number of plugging assistance requests each year	By 12/31/2020 or during Annual Report meeting	Yes	The District received one plugging assistance request in 2020. Notices of the District rebate program were routinely posted on the District Facebook page.
		Provide the annual amount of District money rebated to well owners requesting well plugging assistance	By 12/31/2020 or during Annual Report meeting	Yes	\$300 was rebated to a well owner in 2020 for well plugging compensation.
	MONITORING MINING AND OIL & GAS COMPANY OPERATIONS (8.4.3)				
	CCGCD staff will monitor the Texas Railroad Commission (RRC) and other appropriate databases to determine any new locations of salt water disposal wells and the location of wells that are being hydraulically fracture stimulated. District staff will also monitor new gravel mining operations. CCGCD staff will report to the Board at least annually, any new salt water or waste disposal wells in Colorado County, any wells scheduled for fracking and any new gravel operations. The CCGCD staff will further report any violations for failure to permit groundwater wells in support of hydraulic fracking operations.	Provide the number of new salt water or waste water disposal or injection wells in Colorado County	By 12/31/2020 or during Annual Report meeting	Yes	There was one disposal well, located north of Columbus between FM 109 and Cummins Creek, permitted by the RRC in Colorado County in 2020.
		Provide the number of groundwater wells being used to support fracking operations	By 12/31/2020 or during Annual Report meeting	Yes	No additional water wells were permitted to be used in fracking operations in 2020. Ongoing use of EOG well in northern Colorado County.
		Provide the number of violations for failure to permit wells being used in support of fracking operations	By 12/31/2020 or during Annual Report meeting	Yes	There were no violations for failure to permit wells used in support of fracking operations in 2020.
		Provide the number of new gravel mining operations in Colorado County	By 12/31/2020 or during Annual Report meeting	Yes	Two wells in the same area were permitted in late 2019 in support of upcoming mining operations. By year-end 2020, mining operations had yet to commence in that area. No other gravel mining operations had commenced in Colorado County in 2020.

CCGCD ANNUAL REPORT: GOAL 5

GOAL	OBJECTIVE	2020 PERFORMANCE STANDARDS OBJECTIVES	DUE	STANDARDS MET?	ACTIONS TAKEN/COMMENTS
GOAL 7: ADDRESSING THE DESIRED FUTURE CONDITIONS	COLLECT AND REVIEW DROUGHT CONDITION INFORMATION (8.5.1)				
	CCGCD will track information on weather, precipitation and drought data on the TWDB drought page and other key sites and post key information and links on the District website and/or Facebook page at least twice a year.	Provide an update to the CCGCD website to reflect the latest drought index and precipitation totals.	At least twice in 2020	Yes	A link has been provided on the District website to the Texas Drought Index which is typically updated weekly. A link has been provided to TexMesonet which provides precipitation totals. Additionally, postings on TexMesonet and the TWDB "Water Weekly", which shows Texas drought conditions across the State, is posted periodically on the District Facebook page.

CCGCD ANNUAL REPORT: GOAL 6

GOAL	OBJECTIVE	2020 PERFORMANCE STANDARDS OBJECTIVES	DUE	STANDARDS MET?	ACTIONS TAKEN/COMMENTS	
GOAL 7: ADDRESSING THE DESIRED FUTURE CONDITIONS	PROTECT EXEMPT USAGE FROM HIGH CAPACITY WELLS (8.6.1)					
	District staff shall enforce the following District rules that were implemented to protect offset usage: requiring high capacity wells to be screened in deeper intervals; requiring offset high capacity wells to be spaced a sufficient distance away from exempt wells; and, requiring permit applications requesting more than 1000 ac-ft average annual pumpage to provide a conservation plan. Violations will be reported to the Board as they occur.	Provide the number of violations and associated fines regarding spacing rules.	By 12/31/2020 or during Annual Report meeting	Yes	No violations or fines were assessed regarding spacing rules in 2020.	
		Provide the number of violations and associated fines regarding failure to adhere to minimum screening depths.	By 12/31/2020 or during Annual Report meeting	Yes	No violations or fines were assessed regarding minimum screening depths in 2020.	
		Provide the number of hydrogeological studies, mitigation plans and conservation reports required by the District.	By 12/31/2020 or during Annual Report meeting	Yes	No hydrogeological studies, mitigation plans or conservation reports were required by the District in 2020.	
	ESTABLISH A PROGRAM TO EMPHASIZE WATER CONSERVATION (8.6.2)					
	In coordination with efforts in waste prevention, the CCGCD will implement a conservation program with the purpose of educating the constituents of the District on ways to conserve water. The District staff at least once annually shall give notice to the public of ways to conserve water in one or more of the following ways: updates on the District website or District Facebook page; presentations to civic or governmental groups; articles in newspapers or newsletters; or by making available appropriate brochures.	Provide the number of ways the District provided notice to the public on how to conserve water.	Once in 2020	Yes	District provided notice to the public of ways to conserve water by the following: 1) through multiple posts on the District Facebook page and maintaining a "Conservation" tab on the District's website; 2) through brochures made available in the office. There were no presentations by the General Manager or other District personnel to civic groups because of constraints on public gatherings due to the COVID-19 pandemic.	
	MONITOR POTENTIAL WAYS TO EMPHASIZE RAINWATER HARVESTING AND BRUSH CONTROL (8.6.3)					
	The CCGCD staff will keep abreast of brush control and rainwater harvesting techniques and make that information available at least once annually, to the constituents of the District through brochures, Facebook announcements or website links.	Provide the number of ways the District provided notice to the public on how to go about brush control and/or rainwater harvesting.	Once in 2020	Yes	District provided notice to the public on methods for brush control and/or rainwater harvesting by the following: 1) through multiple posts to the District Facebook page regarding rainwater harvesting; 2) through presence of a brochure in the District office entitled "Texas Manual for Rainwater Harvesting". There were no presentations by the General Manager or other District personnel because of constraints on public gatherings due to COVID-19 pandemic.	

CCGCD ANNUAL REPORT: GOAL 7

GOAL	OBJECTIVE	2020 PERFORMANCE STANDARDS OBJECTIVES	DUE	STANDARDS MET?	ACTIONS TAKEN/COMMENTS
GOAL 7: ADDRESSING THE DESIRED FUTURE CONDITIONS	MAINTAIN A WATER LEVEL MONITORING PROGRAM (8.7.1)				
	The CCGCD will maintain a District water-level monitoring network of at least 15 wells. The depth to the water level will be measured at least annually and results will be recorded in the District's database. The CCGCD Board will be updated on key monitor wells at least twice a year.	Provide the number of District monitor wells and the number of monitor wells measured at least once annually.	By 12/31/2020 or during Annual Report meeting	Yes	The District has 18 active monitor wells that were measured at least once in 2020; two measurements taken from a 19th well in preparation for a possible hydrological study.
		Provide the number of updates to the Board on key monitor wells.	At least twice in 2020	Yes	Updates on water levels of key wells have been provided to the Board during all seven regular meetings held in 2020.
	ANALYZE WATER LEVEL DATA FOR ADHERENCE TO DFC (8.7.2)				
	At least once a year, charts will be constructed of each CCGCD monitor well showing the changes in water level through time. The data and charts for the CCGCD monitor wells will be updated on the District website at least annually. The District will also chart TWDB monitor wells within Colorado County. At least once annually, this data will be assimilated to determine compliance with the desired future conditions (DFC) of the Gulf Coast Aquifer in Colorado County.	Provide the number of graphic displays (charts) generated for CCGCD monitor wells.	By 12/31/2020 or during Annual Report meeting	Yes	Depth to water level and water level elevation charts for all 18 active CCGCD monitor wells are actively revised as new measurements are taken.
		Provide the number of District website updates of CCGCD monitor well data.	By 12/31/2020 or during Annual Report meeting	Yes	All water level measurements noted above were updated onto the District website monthly (except September).
		Provide a comparison of water level changes from monitor wells to the CCGCD DFC.	By 12/31/2020 or during Annual Report meeting	Yes	One state monitor well was used to compare DFC versus actual water levels for the Jasper aquifer. Well showed a rise in water level of 24.3 ft (from year 2000 measurement) which is substantially better than the DFC for the Jasper of a drop of 23 feet. An average of five state monitor wells were used to compare DFC versus actual water levels for the Chicot and Evangeline aquifers. Average of wells shows a rise in water level (from year 2000 measurement) of 5.4 ft which is substantially better than the DFC for the Chicot + Evangeline aquifers of a drop of 17 feet.