

CCGCD ANNUAL REPORT: GOAL 1

GOAL	OBJECTIVE	2019 PERFORMANCE STANDARDS OBJECTIVES	DUE	STANDARDS MET?	ACTIONS TAKEN/COMMENTS
GOAL 1: PROVIDE THE MOST EFFICIENT USE OF GROUNDWATER	<b>MAINTAIN A WELL REGISTRATION PROCESS (8.1.1)</b>				
	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 2019 and during Annual Report meeting	Yes	Reported in January and August and reviewed at Annual Report meeting.
		Provide the number of well registrations to the Board each year.	At least twice in 2019 and during Annual Report meeting	Yes	Reported in January and August and reviewed at Annual Report meeting. As of 12/31/2019, there were 5161 total well registrations. In 2019, 154 registrations were submitted.
		Provide the number of registration violations and the associated fines to the Board each year.	At least twice in 2019 and during Annual Report meeting	Yes	Reported in August and reviewed at Annual Report Meeting. As of 12/31/2019, twelve violations for failure to register a well or working on a well not registered were cited and fines assessed totalled \$7,600.
	<b>MAINTAIN A WELL PERMITTING PROCESS (8.1.2)</b>				
	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 2019 and during Annual Report meeting	Yes	Reported in January, July and August and reviewed at Annual Report meeting.
		Provide the number of permit applications received and permits granted each year.	At least twice in 2019 and during Annual Report meeting	Yes	Reported in January, July and August and reviewed at Annual Report meeting. The following new permits were received and granted in 2019: 2 Class C; 4 Class B; and, 12 Class A permits. 40 permit renewals were granted in 2019.
		Provide the permit volume for permits granted.	At least twice in 2019 and during Annual Report meeting	Yes	Reported in January, July and August and reviewed at Annual Report meeting. The 18 new permits granted in 2019 were granted in the amount of 3611.0 ac-ft for a 3-year period.
		Provide the number of permits pending at year-end.	By 12/31/2019 or during Annual Report meeting	Yes	No permits were pending at year-end 2019.
		Provide the number and amount of fines imposed each year as a result of failure to permit.	By 12/31/2019 or during Annual Report meeting	Yes	No fines have been assessed for failure to permit a well in 2019.
	<b>MAINTAIN A WELL METERING PROGRAM AND ENFORCE RULES REGARDING WATER USAGE REPORTING (8.1.3)</b>				
	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 acually metered.	By 12/31/2019 or during Annual Report meeting	Yes	A total of 199 meters were required by the District to have meters installed. As of year end 2019, 191 meters were installed on those wells. Some wells are in the process of changing out meters or installing meters for the first time.
		Provide the number of violations and total fines assessed as a result fo not metering as stipulated by rules.	By 12/31/2019 or during Annual Report meeting	Yes	There were no violations or fines assessed for failure to meter wells.
		Provide the number of violations and total fines assessed for failure to report water usage.	By 12/31/2019 or during Annual Report meeting	Yes	A warning was issued to one permit holder for failure to submit water usage. There were no other violations or fines assessed for failure to submit water usage.

CCGCD ANNUAL REPORT: GOAL 2

GOAL	OBJECTIVE	2019 PERFORMANCE STANDARDS OBJECTIVES	DUE	STANDARDS MET?	ACTIONS TAKEN/COMMENTS
GOAL 2: CONTROLLING AND PREVENTING WASTE OF GROUNDWATER	<b>SET AND ENFORCE SPACING REQUIREMENTS AND PUMPAGE REGULATIONS (8.2.1)</b>				
	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 12/31/2019 or during Annual Report meeting	Yes	No violations or fines have been assessed due to failure to adhere to spacing requirements in 2019.
		Provide the number of violations and total fines assessed from failure to adhere to pumping allowances.	By 12/31/2019 or during Annual Report meeting	Yes	No violations or fines have been assessed due to failure to adhere to pumping allowances in 2019.
	<b>MAINTAIN A WATER WELL INSPECTION PROGRAM FOR NON-EXEMPT WELLS (8.2.2)</b>				
	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 12/31/2019 or during Annual Report meeting	Yes	No site visits were conducted in 2019.
		Provide the number of notices and violations of District rules regarding well maintenance and/or groundwater waste.	By 12/31/2019 or during Annual Report meeting	Yes	No violations or notices have been sent regarding lack of well maintenance or groundwater waste in 2019.
	<b>DISSEMINATE INFORMATION ON WASTE PREVENTION (8.2.3)</b>				
	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 12/31/2019 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; and, 3) through two presentations by the General Manager made to area civic groups.

CCGCD ANNUAL REPORT: GOAL 3

GOAL	OBJECTIVE	2019 PERFORMANCE STANDARDS OBJECTIVES	DUE	STANDARDS MET?	ACTIONS TAKEN/COMMENTS
GOAL 3: ADDRESSING CONJUNCTIVE SURFACE WATER MANAGEMENT ISSUES	<b>PARTICIPATION IN REGIONAL PLANNING PROCESSES (8.3.1)</b>				
	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 12/31/2019 or during Annual Report meeting	Yes	The General Manager, as District representative of Region K, has attended 5 out of 5 Region K meetings. Additionally, the representative attended more than half dozen Region K committee meetings.
	<b>WORK WITH LCRA TO PROMOTE POSITIVE CONJUNCTIVE WATER MANAGEMENT PROJECTS (8.3.2)</b>				
	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 2019	Yes	Reports were provided every meeting (seven total) on status of LCRA Highland Lake levels. One update each has been provided on the status of Arbuckle (Lane City) and Colorado County (Prairie) Reservoirs.
	<b>IDENTIFY AND ADDRESS LEGISLATIVE POLICIES THAT MIGHT AFFECT GROUNDWATER RESOURCES (8.3.3)</b>				
	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 2019	Yes	There have been four updates to the Board (January, March, May and July) in 2019 regarding groundwater-related legislation. Also, there was discussion at the March and May meetings regarding District-supported legislation regarding siting of a potential hazardous waste disposal facility. There was also discussion at the May meeting regarding a possible County ordinance restricting siting of future hazardous waste sites in Colorado County.
	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 a resolution at the March meeting in support of SB 950 intended to further define the definition of a commercial hazardous waste facility .	

CCGCD ANNUAL REPORT: GOAL 4

GOAL	OBJECTIVE	2019 PERFORMANCE STANDARDS OBJECTIVES	DUE	STANDARDS MET?	ACTIONS TAKEN/COMMENTS
GOAL 4: ADDRESSING NATURAL RESOURCE ISSUES	<b>ESTABLISH AND MAINTAIN A WATER-QUALITY MONITORING PROGRAM (8.4.1)</b>				
	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 12/31/2019 or during Annual Report meeting	Yes	The District tested seven wells in the vicinity of Skull Creek where contamination has been observed. Additionally, a surface water body and fish were tested in the vicinity of the proposed hazardous waste site north of Altair.
		Provide the number of samples collected and analyzed	By 12/31/2019 or during Annual Report meeting	Yes	For each of the sites, five samples were collected for various tests. Three fish were collected for analysis at the surface water site.
		Provide a synopsis of water quality test results highlighting any areas where contamination has been reported or discovered	By 12/31/2019 or during Annual Report meeting	Yes	Results of water quality testing were presented to the Board at the March, May and December meetings. Red flags were noted on tests taken for two wells presented at the May meeting. One well detected unacceptable analytes and results were presented at the December meeting.
		Provide the number of actions taken regarding water quality issues submitted by constituents	By 12/31/2019 or during Annual Report meeting	Yes	Three water well samples were collected (Wied, Melchor and Tanner) as a result of citizen concern over the observed Skull Creek contamination. Four other constituents inquired with the CCGCD about testing their groundwater and were referred to the Texas AgriLife Extension Agency and other appropriate sites. Another constituent was concerned about local creek contamination and a CCGCD representative visited the site for observation and consultation.
	<b>ENFORCE PROPER MAINTENANCE OF SUSPENDED WELLS AND ENCOURGE PLUGGING OF ABANDONED WELLS (8.4.2)</b>				
	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 12/31/2019 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 2019.
		Provide the number of wells plugged each year	By 12/31/2019 or during Annual Report meeting	Yes	The District received four Plugging Reports in 2019.
		Provide the number of plugging assistance requests each year	By 12/31/2019 or during Annual Report meeting	Yes	The District received no plugging assistance requests in 2019. 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 12/31/2019 or during Annual Report meeting	Yes	No District money was rebated to well owners.
	<b>MONITORING MINING AND OIL &amp; GAS COMPANY OPERATIONS (8.4.3)</b>				
	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 12/31/2019 or during Annual Report meeting	Yes	There one disposal well, located north of Columbus, that was permitted by the RRC in Colorado County in 2019.
		Provide the number of groundwater wells being used to support fracking operations	By 12/31/2019 or during Annual Report meeting	Yes	No additional water wells were permitted to be used in fracking operations in 2019.
		Provide the number of violations for failure to permit wells being used in support of fracking operations	By 12/31/2019 or during Annual Report meeting	Yes	There were no violations for failure to permit wells used in support of fracking operations in 2019.
		Provide the number of new gravel mining operations in Colorado County	By 12/31/2019 or during Annual Report meeting	Yes	Two wells in the same area were permitted in 2019 in support of new mining operations.

CCGCD ANNUAL REPORT: GOAL 5

GOAL	OBJECTIVE	2019 PERFORMANCE STANDARDS OBJECTIVES	DUE	STANDARDS MET?	ACTIONS TAKEN/COMMENTS
GOAL 5: ADDRESSING DROUGHT CONDITIONS	<b>COLLECT AND REVIEW DROUGHT CONDITION INFORMATION (8.5.1)</b>				
	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 2019	Yes	A link has been provided on the District website to the Texas Drought Index which is updated weekly. A link has been provided to TexMesonet which provides precipitation totals.

CCGCD ANNUAL REPORT: GOAL 6

GOAL	OBJECTIVE	2019 PERFORMANCE STANDARDS OBJECTIVES	DUE	STANDARDS MET?	ACTIONS TAKEN/COMMENTS
GOAL 6: ADDRESSING CONSERVATION, RAINWATER HARVESTING AND BRUSH CONTROL	<b>PROTECT EXEMPT USAGE FROM HIGH CAPACITY WELLS (8.6.1)</b>				
	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 12/31/2019 or during Annual Report meeting	Yes	No violations or fines were assessed regarding spacing rules in 2019.
		Provide the number of violations and associated fines regarding failure to adhere to minimum screening depths.	By 12/31/2019 or during Annual Report meeting	Yes	No violations or fines were assessed regarding minimum screening depths in 2019.
		Provide the number of hydrogeological studies, mitigation plans and conservation reports required by the District.	By 12/31/2019 or during Annual Report meeting	Yes	No hydrogeological studies, mitigation plans or conservation reports were required by the District in 2019.
	<b>ESTABLISH A PROGRAM TO EMPHASIZE WATER CONSERVATION (8.6.2)</b>				
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 2019	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; and, 3) through two presentations by the General Manager made to area civic groups.	
<b>MONITOR POTENTIAL WAYS TO EMPHASIZE RAINWATER HARVESTING AND BRUSH CONTROL (8.6.3)</b>					
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 2019	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"; and, 3) through two presentations by the General Manager made to area civic groups that addressed both rainwater harvesting and brush control.	

CCGCD ANNUAL REPORT: GOAL 7

GOAL	OBJECTIVE	2019 PERFORMANCE STANDARDS OBJECTIVES	DUE	STANDARDS MET?	ACTIONS TAKEN/COMMENTS
GOAL 7: ADDRESSING THE DESIRED FUTURE CONDITIONS	<b>MAINTAIN A WATER LEVEL MONITORING PROGRAM (8.7.1)</b>				
	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 12/31/2019 or during Annual Report meeting	Yes	The District has 18 active monitor wells that were measured at least once in 2019 and another well which is being monitored remotely by TWDB.
		Provide the number of updates to the Board on key monitor wells.	At least twice in 2019	Yes	Updates on water levels of key wells have been provided to the Board during all seven meetings held in 2019.
	<b>ANALYZE WATER LEVEL DATA FOR ADHERENCE TO DFC (8.7.2)</b>				
	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 12/31/2019 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 12/31/2019 or during Annual Report meeting	Yes	All water level measurements noted above are updated onto the District website monthly.
		Provide a comparison of water level changes from monitor wells to the CCGCD DFC.	By 12/31/2019 or during Annual Report meeting	Yes	The one State monitor well, used to determine water level change in the Jasper Aquifer, showed an increase since year 2000 of about 25 feet in water level in the Jasper aquifer compared to a DFC that stipulates no more than a 23 feet drop in water level. The average water levels for six State monitor wells spread across Colorado County in the Chicot and Evangeline aquifers showed a six foot rise in water level since year 2000 compared to a DFC that stipulates no more than a 17 foot drop in water level.