

CCGCD ANNUAL REPORT: GOAL 7

GOAL	OBJECTIVE	2020 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 12/31/2020 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.
	<b>ANALYZE WATER LEVEL DATA FOR ADHERENCE TO DFC (8.7.2)</b>				
		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.
	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 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.