

KIMBLE COUNTY GROUNDWATER
CONSERVATION DISTRICT

ANNUAL REPORT
2019-2020

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Purpose and Scope:

This Annual Report on the Kimble County Groundwater Conservation District's (District or KCGCD) is on achieving its management goals and objectives for October 1, 2019 through September 30, 2020. It is presented to the Board of Directors of the District (the Board) in accordance with the District's Management Plan. The original Management Plan for the District was adopted in 2004. It has been amended and readopted, every five years, April 29, 2019 is the latest revision.

The enabling legislation creating the District, Senate Bill 2, was passed during the 77th Regular Legislative Session (2001). The confirmation election was held on May 4, 2002 with the majority of the votes cast in favor of confirming the creation of the District.

The Kimble County Groundwater Conservation District comprises 97.45% of the land area of Kimble County, excluding that part of the county within the boundary of the Hickory Underground Water Conservation District No. 1. The District covers an area of approximately 766,864 acres (1198 square miles) in the west-central part of Texas. Kimble County ranges in elevation from approximately 1,783 to 2,372 feet above mean sea level. Total population in 2016 was 4,423 including the county seat, the City of Junction (population 2,461).

The Kimble County Groundwater Conservation District (the District) a local government agency, provides for the conservation, preservation, protection, recharge and prevention of waste of the underground water reservoir, located under the District; by consistently adhering to Chapter 36 of the Texas Water Code (TWC). The District conducts administrative and technical activities and programs to achieve these purposes by collecting, archiving, and analyzing water well and aquifer data. It regulates water well drilling and production of permitted, non-exempt wells, promoting the capping or plugging of abandoned wells. The District also provides information and educational material to local property owners, interacting with other governmental or organizational entities, and undertaking other groundwater-related activities that may help meet the purposes of the District. The District also strives to maintain groundwater ownership and rights of the landowners as provided in the TWC §36.002.

District Board Meetings:

DATE:	TYPE:
October 28, 2019	Regular Board Meeting
December 16, 2019	Regular Board Meeting
February 10, 2020	Regular Board Meeting
April 20, 2020	Regular Board Meeting
May 11, 2020	Regular Board Meeting
June 1, 2020	Public Hearing – Permitted Well
August 10, 2020	Regular Board Meeting
September 14, 2020	Board Meeting, Budget and Tax Rate Hearing

Requirements of District Management Plan:

Goal 1.0 – Provide for the Efficient Use of Groundwater (36.1071(a)(1))

1.1 – At least once each year the District will provide, in a public meeting or forum, available information on water conservation practices for the efficient use of water.

DATE:	PROGRAM:	PURPOSE:
December 14, 2019	County Youth Stock Show	Distributed Literature on Water Conservation

Goal 2.0 - Control and Prevent Waste of Groundwater (36.1071(a)(2))

2.1 – At least twice a year the District will publish the availability of water analysis services in the local newspaper.

DATE:	PAPER:	PURPOSE:
September 30, 2020	Junction Eagle News	TWON Event
October 7, 2020	Junction Eagle News	TWON Event

2.2 – To monitor water quality, the District will sample and conduct water quality tests on selected monitor wells at least once each year for possible contamination which would jeopardize the integrity of the groundwater supply.

4 wells were tested on October 14, 2020 on behalf of the Kimble County GCD. The results were negative for any contaminants outside normal parameters. For more information and details on these tests, contact the office for the records.

Goal 3.0 – Addressing Conjunctive Surface Water Management Issues (36.1071(a)(4))

3.1 – Each year the District shall conduct a joint planning and/or policy meeting with the City of Junction to discuss conjunctive use issues.

This goal was not met due to COVID-19, however the District staff did visit with the City of Junction on conjunctive use issues several times throughout the year.

Goal 4.0 – Addressing Natural Resource Issues (36.1071(a)(5))

4.1 – Each year the District will monitor one or more selected wells within areas of the District where there is oil production, for possible contamination problems which would jeopardize the quality of the groundwater resource.

Goal 5.0 - Drought Conditions (36.1071(a)(6))

5.1 – The District will monitor TWDB ‘Water for Texas’ website at waterdatafortexas.org/drought, and the Palmer Drought Severity Index. If the latter index indicates that the District will experience severe drought conditions, the District will publish a notice or article in the local paper bringing attention to the severity of the drought and the need to practice water conservation.

For 2019-2020, the District was not in severe drought.

Goal 6.0 – Addressing Conservation (36.1071(a)(7))

6.1 – At least once a year the District will distribute water conservation literature in a public forum such a soil and water conservation district meeting, a livestock show, or county function.

DATE:	PROGRAM:	PURPOSE:
December 14, 2019	County Youth Stock Show	Distributed Literature on Water Conservation

Goal 7.0 – Addressing in a Quantitative Manner the Desired Future Conditions (DFC) of the Groundwater Resources (36.1071(a)(8))

The District covers part of the Edwards-Trinity (Plateau) Aquifer and is within Groundwater Management Area (GMA) 7. The Edwards-Trinity (Plateau) Aquifer is the largest aquifer not subdivided into multiple GMAs. Total net drawdown for the Edwards-Trinity (Plateau)/ Pecos Valley Alluvium Aquifers are not to exceed an average of eight (8) feet in 2070, as compared with 2010 aquifer levels. Specifically, for Kimble County GCD, drawdown is not to exceed an average of 1 foot.

KIMBLE GCD WATER LEVEL READINGS 2020								
DEPTH TO WATER FROM SURFACE IN FEET								
	Lat	Long	Elevation	January	April	July	October	DIFF
Alamo	30° 34' 48" N	99° 47' 16" W	2076	89.6	89.2	89.3	89.6	0
Richardson	30° 37' 07" N	99° 44' 41" W	2030	89.4	88.7	89.4	89.5	-0.1
Rotge	30° 30' 47" N	99° 48' 21" W	1744	36.2	40.2	34.3	35.6	0.6
McGuire	30° 34' 53" N	99° 55' 02" W	2154	117.2	117	117.1	117.0	0.2
Mudge	30° 31' 25" N	99° 52' 53" W	1810	80.9	80.8	80.8	80.6	0.3
Kirby	30° 23' 40.43" N	99° 52' 34" W	1794	25.0	24.7	25.0	24.8	0.2
Trimble	30° 34' 56" N	100° 03' 36" W	2208	143.8	142.0	153.0	148.5	-4.7
Black				25.11	24.1	27.5	26.5	-1.39
Wood	30° 23' 34.17" N	99° 52' 37.3" W	1791	23.4	23.0	23.1	23.0	0.4
Murillo	30° 22' 28" N	99° 34' 40" W	2102	89.2	88.8	90.1	94.0	-4.8
WW Ranch	30° 28' 24" N	99° 32' 18" W	2175	160.2	160.3	160.8	160.5	-0.3
Phillips	30° 26' 58" N	99° 40' 31" W	1696	93.2	91.8	95.4	95.4	-2.2
Little Paint	30° 20' 36" N	99° 54' 16" W	1835	24.4	24.0	23.3	24.1	0.3
Jacoby	30° 18' 03" N	99° 59' 30" W	2263	125	124.7	126.0	125.7	-0.7

*measurements in feet below ground level

**The ‘dif’ column is the difference in the January measurement from the October measurement.

Kimble County Water Level Monitoring - Surface Elevation Levels 2020

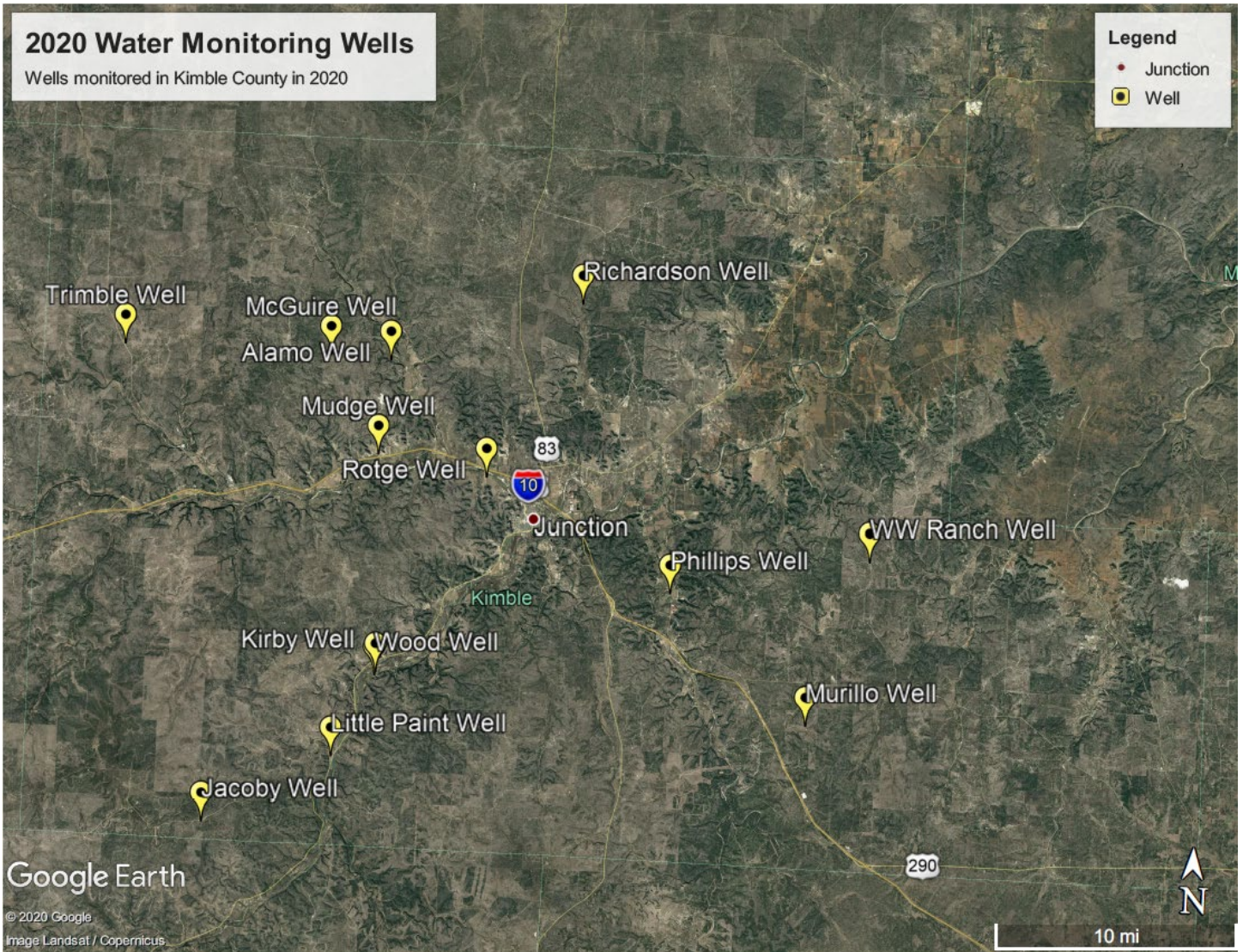


2020 Water Monitoring Wells

Wells monitored in Kimble County in 2020

Legend

- Junction
- Well



Google Earth

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Image Landsat / Copernicus

Groundwater Management Area 7:

Groundwater Management Area 7: Meetings

DATE:	LOCATION:	PURPOSE:
October 3, 2019	Central Electric Co-Op – Fredericksburg	Joint Planning
January 16, 2020	TAMU Agrilife - San Angelo	Joint Planning
July 16, 2020	Virtually Held Meeting due to COVID-19	Joint Planning
September 16, 2020	Caverns of Sonora Pavilion – Sonora	Joint Planning

Groundwater Management Area 7: Desired Future Conditions (DFC)

The District shall participate in the joint planning process in Groundwater Management Area (GMA) 7 as defined per TWC § 36.108, including establishment of Desired Future Conditions (DFCs) for management areas within the District. In its evaluation of potential DFCs, the District shall consider results from groundwater availability models, scientific reports, and the conditions of the aquifer.

Edwards-Trinity (Plateau)/ Pecos Valley Alluvium Aquifers:

Total net drawdown not to exceed an average of eight (8) feet in 2070, as compared with 2010 aquifer levels, with specific county drawdowns as follows:

COUNTY	GCD	DROWDOWN (feet)
Coke	Coke County UWCD	0
Crockett	Crockett County GCD	10
Ector	-	8
Edwards	Real-Edwards C&RD	2
Gillespie	Hill Country UWCD	5
Glasscock	Glasscock GCD	40
Irion	Irion County WCD	10
Kimble	Kimble County GCD	1
Menard	Menard County UWD	1
Midland	-	12
Pecos	Middle Pecos GCD	12
Reagan	Santa Rita UWCD	42
Real	Real-Edwards C&RD	4
Schleicher	Plateau UC&SCD	8
Sterling	Sterling County UWCD	7
Sutton	Sutton County UWCD	6
Taylor	-	0
Terrell	Terrell County UWCD	2
Upton	-	16
Uvalde	Uvalde County UWCD	2

Permits/Registrations Issued for 2019-2020 Year:

Date	Use	Owner Name	Grid Number	Depth-ft.	Drilling Company
10/5/2020	Domestic	Manuel Lujan	55-40-3	25	Allison Well Service
9/11/2020	Domestic	Elizabeth Volz	56-37-4	450	Allison Well Service
8/26/2020	Domestic	Quinton McKinney	56-28-6	140	Hill Country Well Service
8/26/2020	Domestic	Glenn Davey	56-28-4	40	Hill Country Well Service
8/10/2020	Domestic	Curtis W. Staudt	56-38-2	505	L & L Drilling Co.
8/4/2020	Domestic	Mark Jacoby	56-27-2	230	Hill Country Well Service
7/30/2020	Domestic	Tommy Hobbs	56-26-6	280	Hill Country Well Service
7/29/2020	Domestic	BEATRIZ VELA	55-40-2	270	Allison Well Service
7/28/2020	Domestic	John Hansen	56-35-2	220	Hill Country Well Service
7/24/2020	Domestic	Ernest Welker	56-25-5	265	Allison Well Service
7/24/2020	Domestic	Bennie Smith	56-35-1	510	Hill Country Well Service
7/22/2020	Domestic	Shelby Brock	56-35-1	470	Hill Country Well Service
7/21/2020	Stock	ROB HILL	56-37-7	205	PICKENS DRILLING CO.
7/15/2020	Domestic	BRENT JENKINS-JST OUTFITTERS LLC	55-40-1	235	Allison Well Service
7/15/2020	Domestic	Larry Nethery	56-35-4	220	Hill Country Well Service
7/14/2020	Stock	Lindsey Crenwelge	56-20-4	85	Allison Well Service
6/26/2020	Domestic	Johnny Yanez	56-37-6	400	Walden Drilling Inc
6/16/2020	Domestic	Mark Tillman	56-18-8	320	Hill Country Well Service
6/7/2020	Stock	Ronnie Covert	56-37-7	220	Walden Drilling Inc
5/28/2020	Stock	KLS-LP	56-37-3	212	MAP Water Well Drilling LLC
5/27/2020	Domestic	David Wilham	56-36-5	340	Hill Country Well Service
5/27/2020	Stock	Andy Murr	56-42-4	408	Utopia sales & Services Inc
5/20/2020	Domestic	Nancy Hood	56-37-1	150	Hill Country Well Service
5/7/2020	Domestic	Maverick Volesky	56-27-9	120	Magill Drilling & Water Well Service, LLC
5/5/2020	Domestic	Kelly Kothmann	56-26-9	280	Hill Country Well Service
5/4/2020	Domestic	David Saathoff	56-27-7	260	Hill Country Well Service
5/1/2020	Domestic	Julius Ijzermans	56-17-8	260	Hill Country Well Service
4/15/2020	Domestic	Brent Jenkins JST Outfitter	55-40-1	285	Allison Well Service
4/13/2020	Domestic	Brent Jenkins JST Outfitter	55-40-1	235	Allison Well Service
4/10/2020	Domestic	Edward & Erica Rojas	56-43-2	250	Allison Well Service
4/2/2020	Domestic	Brent Jenkins JST Outfitter	55-40-1	270	Allison Well Service
3/30/2020	Domestic	Julius Ijzermans	56-17-5	220	Hill Country Well Service
3/27/2020	Stock	DWAYNE BRANT	56-19-7	220	Allison Well Service
3/26/2020	Domestic	Norman Belck	56-33-2	18	Allison Well Service
3/26/2020	Domestic	Shane Babich	56-17-5	320	Hill Country Well Service
3/25/2020	Domestic	John Witte	56-33-1	60	Hill Country Well Service
3/7/2020	Domestic	Michael Gosney	55-24-6	340	Allison Well Service
3/6/2020	Domestic	William Hendrix	55-40-2	180	Hill Country Well Service
3/3/2020	Domestic	Edward & Clair Allen	55-40-1	290	Hill Country Well Service
2/19/2020	Stock	Shane Estep	56-27-9	85	Allison Well Service
2/18/2020	Stock	Shane Estep	56-27-9	100	Allison Well Service

2/18/2020	Domestic	Ted Johnson	56-35-2	260	Hill Country Well Service
2/17/2020	Domestic	Dan Dula	56-35-4	340	Hill Country Well Service
2/14/2020	Stock	Clayton Schroder	56-37-3	280	Walden Drilling Inc
2/11/2020	Stock	Clayton Schroder	56-38-1	180	Walden Drilling Inc
2/7/2020	Domestic	Mark Vicars	56-34-3	280	Hill Country Well Service
2/6/2020	Domestic	Neil Nethery	56-35-1	160	Hill Country Well Service
1/27/2020	Domestic	Brad & Jan Little	56-20-4	73	Allison Well Service
1/21/2020	Domestic	Stark Interest-Bill Stark	56-35-9	310	Allison Well Service
1/20/2020	Stock	Tyler Turner	56-35-8	220	Allison Well Service
1/16/2020	Domestic	BARRY FRIEDA	56-46-4	265	PICKENS DRILLING CO.
1/3/2020	Domestic	Chad Meyers	56-46-4	240	Walden Drilling Inc
10/28/2019	Domestic	Kathleen Cowden	56-45-5	310	Allison Well Service
10/16/2019	Stock	Bill Weatherford	56-27-8	145	Allison Well Service
10/11/2019	Stock	Bob & Sharon Linebaugh	56-18-8	250	Allison Well Service
10/10/2019	Domestic	JOHNNY LEE	56-46-5	305	PICKENS DRILLING CO.
10/10/2019	Domestic	Don House	56-27-9	120	Allison Well Service
10/9/2019	Stock	Bob & Sharon Linebaugh	56-18-7	235	Allison Well Service
10/7/2019	Domestic	JARED THURMAN	56-46-4	345	PICKENS DRILLING CO.
10/3/2019	Domestic	JERRY CRAIG	56-34-3	260	Allison Well Service

DATE DRILLED:	TYPE:	OWNER:	SWN:	DEPTH:	DRILLER:
8/12/2020	Public Supply	Pecan Valley Ranch & Farms LLC	56-25-9	25	Allison Well Service
10/15/2019	Irrigation	Schuster Development Co. of WTX	56-27-8	300	Lange Drilling Co

PLUGGED WELLS IN 2019-2020

COMPLETION DATE:	TYPE:	OWNER:	USE:	DEPTH:	SWN:	PLUG REPORT:
7/21/2020	Exempt	Bobby Buscha	Domestic	40	56-25-7	201500
6/26/2020	Exempt	Johnny Yanez	Domestic	350	56-37-6	199969

Financial Reports and Annual Financial Audit:

Financial reports are given at each meeting of the District's Board of Directors. The Financial Audit of the District for FY 2019 - 2020 was presented to the Board at the August 10, 2020 Board meeting and was approved at that Board Meeting.