



Water-Data Report 2011

08164450 Sandy Creek near Ganado, TX

Lavaca Basin
Navidad Subbasin

LOCATION.--Lat 29°09'36", long 96°32'46" referenced to North American Datum of 1927, Jackson County, TX, Hydrologic Unit 12100102, on left bank at downstream end of bridge on Farm Road 710, 0.9 mi upstream from Goldenrod Creek, and 8.0 mi north of Ganado.

DRAINAGE AREA.--289 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Oct. 1977 to current year. Prior to Oct. 1997, published as "near Louise".

GAGE.--Water-stage recorder. Datum of gage is 59.72 ft above NGVD of 1929. Satellite telemeter at station.

REMARKS.--Records fair. Much of the low flow during the irrigation season (Apr. to Sept.) is drainage from rice fields irrigated by water originally diverted from the Colorado River. No known regulation or diversions. No flow at times. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,070 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jun 25	0000	*503	*8.55

08164450 Sandy Creek near Ganado, TX—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14	e18	11	14	10	0.10	2.5	4.6	13	17	6.5	0.01
2	12	18	12	14	6.4	0.53	6.5	3.8	9.4	24	5.8	0.01
3	11	14	13	14	6.7	1.2	5.0	1.3	8.7	23	5.1	2.5
4	9.5	11	13	e15	5.8	0.42	6.8	5.2	7.7	27	5.1	0.78
5	11	11	12	e16	6.9	0.06	5.9	5.6	4.9	25	4.7	0.00
6	17	11	12	15	7.3	0.01	7.0	2.3	4.3	20	4.4	0.10
7	23	10	12	24	7.3	0.02	6.7	0.95	2.6	24	4.1	0.43
8	30	11	12	24	9.5	0.02	2.8	3.0	2.4	53	3.6	0.32
9	39	11	12	27	9.3	0.02	5.4	3.5	2.9	58	3.4	0.21
10	36	e11	13	88	5.5	0.04	3.1	1.8	2.4	40	3.1	0.18
11	31	e12	13	96	5.7	0.07	1.2	0.49	2.3	28	2.6	0.15
12	40	11	12	55	6.0	0.07	4.2	2.6	2.1	25	2.4	0.00
13	46	12	12	39	7.0	0.10	3.6	40	2.1	34	3.1	0.15
14	48	11	13	28	9.1	0.08	4.9	88	2.0	47	4.6	2.7
15	48	11	13	23	8.1	0.10	1.7	71	2.4	45	4.6	4.2
16	52	12	14	22	6.1	0.07	3.3	36	3.9	45	2.6	2.5
17	66	12	14	42	4.6	0.07	5.3	17	2.5	47	2.3	0.65
18	62	12	13	73	3.5	0.07	9.1	11	2.5	37	1.9	0.03
19	59	12	13	51	3.0	0.07	16	8.4	2.9	30	1.9	0.07
20	57	12	14	32	2.5	0.02	14	8.6	2.7	45	1.8	11
21	61	12	e15	20	2.0	0.01	6.0	8.7	1.8	47	3.3	13
22	49	13	14	14	2.2	0.01	9.3	8.4	9.4	43	2.4	8.8
23	41	13	14	12	2.1	0.01	7.0	8.0	171	37	1.5	6.5
24	34	13	e14	12	1.8	3.2	2.0	10	423	33	1.6	8.2
25	27	13	e13	12	1.1	0.14	3.8	9.1	350	28	1.3	10
26	24	12	12	12	0.97	0.22	7.7	23	138	18	0.11	8.9
27	23	11	13	14	0.60	0.03	6.5	28	74	15	0.17	17
28	22	12	14	14	0.36	0.25	7.3	25	43	12	1.9	18
29	21	13	e16	13	---	1.2	4.8	20	28	11	0.49	11
30	e17	12	16	12	---	0.15	3.9	11	19	9.9	0.22	9.9
31	e17	---	16	12	---	0.00	---	14	---	7.5	0.12	---
Total	1,047.5	367	410	859	141.43	8.36	173.3	480.34	1,340.9	955.4	86.71	137.29
Mean	33.8	12.2	13.2	27.7	5.05	0.27	5.78	15.5	44.7	30.8	2.80	4.58
Max	66	18	16	96	10	3.2	16	88	423	58	6.5	18
Min	9.5	10	11	12	0.36	0.00	1.2	0.49	1.8	7.5	0.11	0.00
Ac-ft	2,080	728	813	1,700	281	17	344	953	2,660	1,900	172	272

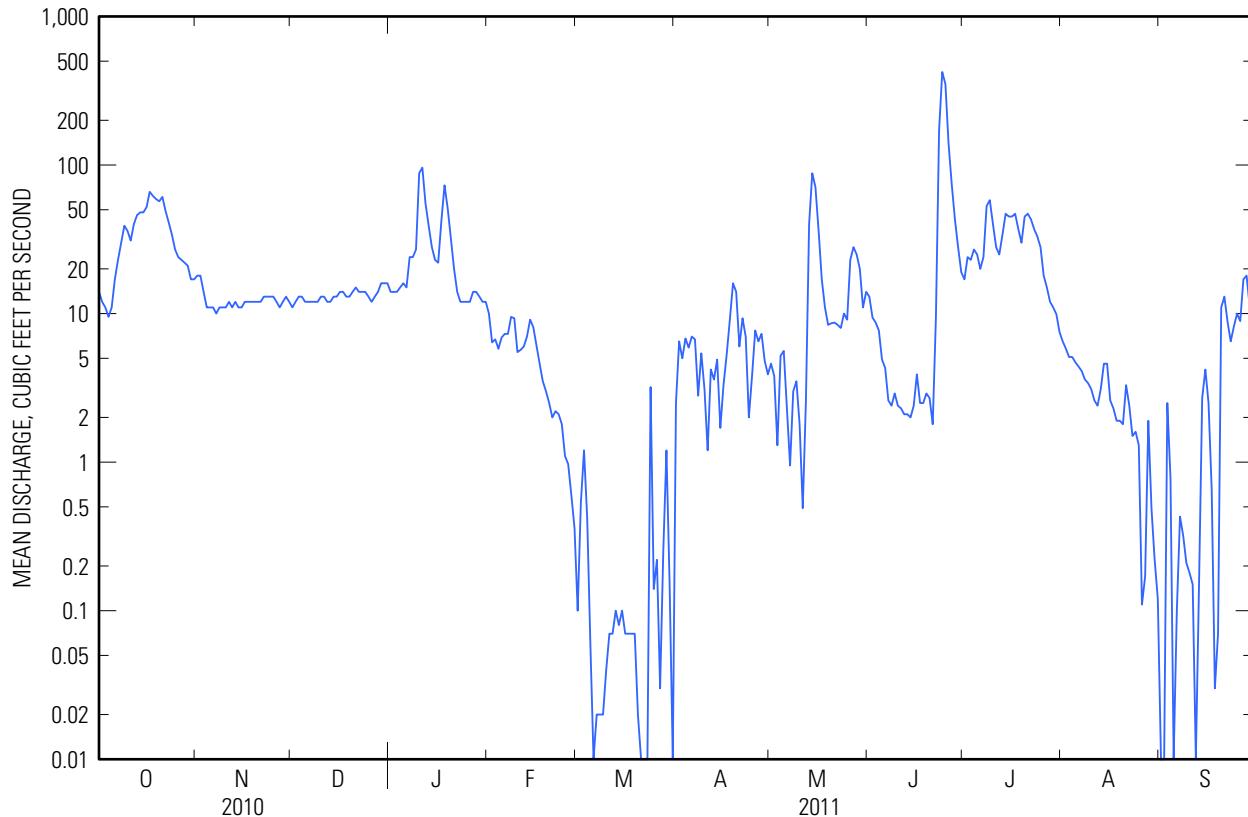
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	315	277	136	239	237	169	189	277	305	188	48.2	236
Max	2,917	2,920	746	956	2,331	1,406	1,316	1,150	1,866	1,376	354	1,364
(WY)	(1999)	(2005)	(1992)	(1992)	(1992)	(1997)	(1997)	(1993)	(1993)	(2007)	(2007)	(1978)
Min	18.6	0.00	0.00	0.00	0.00	0.03	3.14	0.43	0.03	7.25	2.80	4.58
(WY)	(2000)	(2000)	(2000)	(2009)	(2009)	(2009)	(1980)	(2002)	(1990)	(1997)	(2011)	(2011)

08164450 Sandy Creek near Ganado, TX—Continued**SUMMARY STATISTICS**

	Calendar Year 2010	Water Year 2011	Water Years 1978 - 2011	
Annual total	50,148.26	6,007.23		
Annual mean	137	16.5	217	
Highest annual mean			606	1992
Lowest annual mean			16.5	2011
Highest daily mean	3,600	Jan 16	423	Jun 24
Lowest daily mean	0.27	Jun 2	0.00	Mar 31
Annual seven-day minimum	0.75	May 27	0.03	Mar 5
Maximum peak flow			503	Jun 25
Maximum peak stage			8.55	Jun 25
Annual runoff (ac-ft)	99,470		11,920	157,500
10 percent exceeds	361		40	458
50 percent exceeds	25		9.9	22
90 percent exceeds	6.4		0.18	0.06

^a From floodmark.



08164450 Sandy Creek near Ganado, TX—Continued**WATER-QUALITY RECORDS****PERIOD OF RECORD--**

CHEMICAL DATA: Oct. 1977 to current year.

BIOCHEMICAL DATA: Oct. 1977 to Nov. 1992.

PESTICIDE DATA: Nov. 1977 to July 1981, Apr. 1996 to current year.

RADIOCHEMICAL DATA: Oct. 1977 to current year.

SEDIMENT DATA: Sept. 1978 to Apr. 1979.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Medium name	Sample type	Barometric pressure,	Discharge, instantane-	Dissolved oxygen,	Dissolved oxygen, water,	pH, water,
				mm Hg (00025)	neous, ft ³ /s (00061)	meters per second (30209)	water, unfiltered, mg/L (00300)	unfiltered, field, standard units (00400)
05-04-2011	1420	Surface water	Regular	769	6.5	.19	10.5	125
08-15-2011	1150	Surface water	Regular	761	17	.48	7.5	101

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Specific conductance, pH, water, unfiltered, laboratory,	Specific conductance, water, unfiltered, laboratory,	Specific conductance, water, unfiltered, laboratory,	Temperature, °C	Gage height, above datum, meters	2,4,5-T, surrogate, Schedule 9060/2060, water, glass fiber filter), percent recovery (99958)	alpha-HCH-d6, surrogate, filtered (0.7 micron	Barban, surrogate, Schedules 2060/9060, water, filtered, percent recovery (90640)
		standard units (00403)	µS/cm at 25 °C (90095)	µS/cm at 25 °C (00095)	(00010)	(30207)	(00065)	(91065)	
05-04-2011	1420	8.4	886	883	24.6	1.66	5.46	69.2	105
08-15-2011	1150	--	--	638	31.0	1.66	5.44	62.1	115

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Diazinon-		Sample volume,	Sample volume,	Schedules 2060 and 9060,	Sampler type (84164)	Sampling method (82398)
		Caffeine- 13C, surrogate,	d10, surrogate, water, Schedule 9060/2060, water, filtered, percent recovery (99959)					
05-04-2011	1420	74.7	109	Routine	944	877	Open-Mouth Bottle	Point sample
08-15-2011	1150	57.6	119	Routine	939	912	Grab sample	Grab sample(dip)

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Type of quality assurance data associated with sample (99111)		Hydrogen ion, water, unfiltered, calcu- lated, mg/L (00191)		Aluminum, water, unfiltered, filtered, µg/L (01106)	unfiltered, recover- able, µg/L (01105)	Barium, water, filtered, µg/L (01005)	Beryllium, water, filtered, µg/L (01010)	Cadmium, water, filtered, µg/L (01025)	Chromium, water, filtered, µg/L (01030)
		sample (99111)									
05-04-2011	1420	No assoc QA data	M	17.6	280	166	.01	<.02	.08		
08-15-2011	1150	No assoc QA data	M	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Cobalt, water, filtered, µg/L (01035)	Copper, water, filtered, µg/L (01040)	Lead, water, filtered, µg/L (01049)	Manga- nese, water, filtered, µg/L (01056)	Molyb- denum, water, filtered, µg/L (01060)	Nickel, water, filtered, µg/L (01065)	Silver, water, filtered, µg/L (01075)	Zinc, water, filtered, µg/L (01090)	Antimony, water, filtered, µg/L (01095)
05-04-2011	1420	3.6	1.5	.09	20.9	3.60	1.6	<.01	<1.4	.40
08-15-2011	1150	--	--	--	--	--	--	--	--	--

08164450 Sandy Creek near Ganado, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time							2-Hydroxy-	4-iso-	3-Hydroxy-
		2,4-D methyl ester, water, filtered, recoverable,	2,4-DB, water, filtered, recoverable,	Diethyl-aniline, water, filtered, recoverable,	2-Chloro-4-isopropyl-amino-6-triazine, water, filtered, recoverable,	2-Chloro-6-ethyl-amino-4-triazine, water, filtered, recoverable,	propyl-amino-6-ethyl-triazine, water, filtered, recoverable,			
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
05-04-2011	1420	<.200	<.06	<.02	<.006	E .028	<.06	.055	<.040	<.010
08-15-2011	1150	<.200	<.06	<.02	<.006	E .005	<.06	.014	<.040	<.010

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time							Azinphos-methyl, water, filtered, recoverable,	Bendio-carb, water, glass fiber filter, recoverable,	
		Acifluor-fen, water, filtered	(0.7 micron glass fiber filter), recoverable,	Aldicarb sulfone, water, filtered	Aldicarb sulfoxide, water, filtered	Aldicarb, water, filtered	alpha-HCH, water, filtered, recoverable,			
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
05-04-2011	1420	<.040	<.008	<.08	<.060	<.12	<.004	<.008	<.120	<.04
08-15-2011	1150	<.040	<.008	<.08	<.060	<.12	<.004	.012	<.120	<.04

08164450 Sandy Creek near Ganado, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673)		Ben-sulfuron-methyl, water, filtered, recoverable, µg/L (50300)		Bentazon, water, filtered recoverable, µg/L (61693)		Bromacil, water, filtered, recoverable, µg/L (38711)		Bromoxynil, water, filtered recoverable, µg/L (04029)		Butylate, water, filtered, recoverable, µg/L (49311)		Carbaryl, water, filtered recoverable, µg/L (04028)		Carbaryl, water, filtered recoverable, µg/L (49310)	
		Ben-	sulfuron-	methyl,	water, glass fiber filter), recoverable, µg/L (61693)	Ben-	sulfuron-	methyl, water, glass fiber filter), recoverable, µg/L (38711)	Brom-	acil, water, filtered, recoverable, µg/L (04029)	oxynil, water, filtered recoverable, µg/L (49311)	Butylate, water, filtered, recoverable, µg/L (04028)	Carbaryl, water, filtered recoverable, µg/L (49310)	Carbaryl, water, filtered recoverable, µg/L (82680)			
05-04-2011	1420	<.014	<.060	<.06	.03	<.06	<.12	<.004	<.04	<.060							
08-15-2011	1150	<.014	<.060	<.06	<.06	<.06	<.12	<.004	<.04	<.060							

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Carbo-furan, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49309)		Chloroamben, water, methyl ester, water, filtered, recoverable, µg/L (82674)		Chloromuron, water, filtered, recoverable, µg/L (61188)		Chloropyrifos, water, filtered, recoverable, µg/L (50306)		Permethrin, water, filtered recoverable, µg/L (38933)		Clopyralid, water, filtered recoverable, µg/L (82687)		Cyanazine, water, filtered, recoverable, µg/L (49305)		Cycloate, water, filtered, recoverable, µg/L (04041)	
		Carbo-	furan, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49309)	Chloro-	amben, water, methyl ester, water, filtered, recoverable, µg/L (82674)	Chloro-	muron, water, filtered, recoverable, µg/L (61188)	Chloro-	pyrifos, water, filtered, recoverable, µg/L (50306)	Chloro-	permethrin, water, filtered recoverable, µg/L (38933)	Chloro-	clopyralid, water, filtered recoverable, µg/L (82687)	Cyanazine, water, filtered, recoverable, µg/L (49305)	Cycloate, water, filtered, recoverable, µg/L (04041)		
05-04-2011	1420	<.040	<.060	<.10	<.080	<.004	<.010	<.06	<.022	<.04							
08-15-2011	1150	<.040	<.060	<.10	<.080	<.004	<.010	<.06	<.022	<.04							

08164450 Sandy Creek near Ganado, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Dacthal monoacid, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49304)	DCPA, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82682)	Desulfoniyl- fipronil amide, water, filtered, recover- able, µg/L (62169)	Desulfoniyl- fipronil, water, filtered, recover- able, µg/L (62170)	Diazinon, water, filtered, recover- able, µg/L (39572)	Dicamba, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38442)	Dichlor- prop, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49302)	Dieldrin, water, filtered, recover- able, µg/L (39381)	Dinoseb, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49301)
05-04-2011	1420	< .04	< .008	E .004	< .012	< .006	< .04	< .04	< .008	< .04
08-15-2011	1150	< .04	< .008	< .029	< .012	< .006	< .04	< .04	< .008	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Disulfoton, water, filtered (0.7 micron water, glass fiber filter), recover- able, µg/L (04033)	Diuron, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82677)	EPTC, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49300)	Ethal- fluralin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82668)	Ethoprop, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82663)	Fenuron, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82672)	Fipronil sulfide, water, filtered, recover- able, µg/L (49297)	Fipronil sulfone, water, filtered, recover- able, µg/L (62167)	
05-04-2011	1420	< .04	< .04	< .04	< .006	< .006	< .016	< .06	< .013	.012
08-15-2011	1150	< .04	< .04	< .04	< .006	< .006	< .016	< .06	< .012	< .024

08164450 Sandy Creek near Ganado, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Fipronil, water, filtered, recoverable, µg/L (62166)	Flumetsulam, water, filtered, recoverable, µg/L (61694)	(0.7 micron glass fiber filter), recoverable, µg/L (38811)	Fonofos, water, filtered, recoverable, µg/L (04095)	Imazaquin, water, filtered, recoverable, µg/L (50356)	Imazapyr, water, filtered, recoverable, µg/L (50407)	Imidacloprid, water, filtered, recoverable, µg/L (61695)	Lindane, water, filtered, recoverable, µg/L (39341)	Linuron, water, filtered, recoverable, µg/L (38478)
05-04-2011	1420	<.018	<.06	<.04	<.005	<.06	E .30	<.060	<.004	<.04
08-15-2011	1150	<.018	<.06	<.04	<.005	<.06	<.06	<.060	<.004	<.04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Linuron, water, filtered, (0.7 micron glass fiber filter), recoverable, µg/L (82666)	MCPA, water, filtered, recoverable, µg/L (39532)	MCPB, water, filtered, recoverable, µg/L (38482)	Malathion, water, filtered, recoverable, µg/L (38487)	(0.7 micron glass fiber filter), recoverable, µg/L (38487)	Metalexyl, water, filtered, recoverable, µg/L (50359)	(0.7 micron glass fiber filter), recoverable, µg/L (38501)	(0.7 micron glass fiber filter), recoverable, µg/L (49296)	Methiocarb, water, filtered, recoverable, µg/L (82667)	Methomyl, water, filtered, recoverable, µg/L (39415)	Methyl parathion, water, filtered, recoverable, µg/L (39415)
05-04-2011	1420	<.060	<.016	<.04	<.20	.07	<.040	<.120	<.008	.024		
08-15-2011	1150	<.060	<.016	<.04	<.20	<.04	<.040	<.120	<.008	<.020		

08164450 Sandy Creek near Ganado, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Metsul-	N-(4-	Naprop-	Nico-	Nor-				
		furon-	Chloro-	amide,	sulfuron,	flurazon,				
		water,	phenyl)-	water,	water,	water,				
		(0.7 micron	N'-methyl-	(0.7 micron	(0.7 micron	(0.7 micron				
		water,	urea,	water,	water,	water,				
		water,	glass fiber	glass fiber	glass fiber	glass fiber				
		filtered,	filter),	filtered,	filter),	filter),				
		filtered,	filter),	filter),	filter),	filter),				
		recover-	recover-	recover-	recover-	recover-				
		recover-	recover-	recover-	recover-	recover-				
		able,	able,	able,	able,	able,				
		µg/L	µg/L	µg/L	µg/L	µg/L				
		(82630)	(61697)	(82671)	(61692)	(49294)				
05-04-2011	1420	<.012	<.14	<.004	<.06	<.008	<.02	<.10	<.04	<.04
08-15-2011	1150	<.012	<.14	<.004	<.06	<.008	<.02	<.10	<.04	<.04

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Oxamyl,	Pend-	Phorate,	Picloram,	Propa-				
		water,	methalin,	water,	water,	chlor,				
		filtered	water,	water,	water,	water,				
		(0.7 micron	(0.7 micron	(0.7 micron	(0.7 micron	Prometon,				
		glass fiber	water,	glass fiber	glass fiber	water,				
		filter),	filtered,	filter),	filter),	filtered,				
		recover-	recover-	recover-	recover-	recover-				
		able,	able,	able,	able,	able,				
		µg/L	µg/L	µg/L	µg/L	µg/L				
		(38866)	(34653)	(39542)	(82669)	(82683)				
05-04-2011	1420	<.12	<.002	<.020	<.016	.016	<.020	<.12	<.012	<.006
08-15-2011	1150	<.12	<.002	<.020	<.016	<.012	<.020	<.12	<.012	<.006

08164450 Sandy Creek near Ganado, TX—Continued

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Propanil,	Propargite,	Propham,	Propicon-	Propoxur,	Propyz-	Sulfo-		
		water, filtered (0.7 micron glass fiber filter), recover-	water, filtered (0.7 micron glass fiber filter), recover-	water, filtered (0.7 micron glass fiber filter), recover-	azole, water, filtered, recover-	water, glass fiber filter), recover-	amide, water, filtered (0.7 micron glass fiber filter), recover-			
		µg/L (82679)	µg/L (82685)	µg/L (49236)	µg/L (50471)	µg/L (38538)	µg/L (82676)	µg/L (38548)	µg/L (04035)	µg/L (50337)
05-04-2011	1420	.030	<.02	<.040	<.04	<.060	<.004	<.04	<.016	E .013
08-15-2011	1150	<.010	<.02	<.040	E 1.96	<.060	<.004	<.04	<.006	<.060

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Tebu-thiuron,	Terbacil,	Terbufos,	Thioben-	Triallate,	Triclopyr,	Trifluralin,	2,4-D plus	
		water, filtered (0.7 micron glass fiber filter), recover-	water, filtered (0.7 micron glass fiber filter), recover-	water, filtered (0.7 micron glass fiber filter), recover-	carb, water, filtered (0.7 micron glass fiber filter), recover-	water, water, filtered (0.7 micron glass fiber filter), recover-	water, water, filtered (0.7 micron glass fiber filter), recover-	water, water, filtered (0.7 micron glass fiber filter), recover-	2,4-D ester, sum on a molar basis, microgram s per liter as 2,4-D	
		µg/L (82670)	µg/L (82665)	µg/L (04032)	µg/L (82675)	µg/L (82681)	µg/L (82678)	µg/L (49235)	µg/L (82661)	(66496)
05-04-2011	1420	<.03	<.024	<.040	<.02	.047	<.005	.13	<.018	<.06
08-15-2011	1150	<.03	<.024	<.040	<.02	<.016	<.005	.02	<.018	<.06

08164450 Sandy Creek near Ganado, TX—Continued

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[%, percent; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Caffeine,		Uranium (natural), water, filtered, (22703)	Lot number, Capsule Filter (99206)
		water, filtered, recover- able, µg/L (50305)	Uranium (natural), water, filtered, µg/L (22703)		
05-04-2011	1420	.088	2.46	10,904	
08-15-2011	1150	<.080	--	--	