



Water-Data Report 2008

08206600 Frio River at Tilden, TX

Nueces Basin
Lower Frio Subbasin

LOCATION.--Lat 28°28'02", long 98°32'50" referenced to North American Datum of 1927, McMullen County, TX, Hydrologic Unit 12110108, on left bank 80 ft downstream from bridge on State Highway 16 in Tilden, 300 ft downstream from Leoncita Creek, 1.3 mi upstream from Salt Branch, 1.8 mi downstream from Big Slough, and 44.2 mi upstream from mouth.

DRAINAGE AREA.--4,493 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 1978 to current year.

GAGE.--Water-stage recorder. Datum of gage is 216.04 ft above NGVD of 1929. July 14, 1978, to Sept. 13, 1994, at site 80 ft upstream at same datum. Satellite telemeter at station.

REMARKS.--Records fair. No known regulation. Part of the flow of the Frio River and its headwater tributaries enters the Edwards and associated limestones in the Balcones Fault Zone that crosses the basin upstream from U.S. Highway 90. Considerable flow into various permeable formations also occurs downstream from the Balcones Fault Zone. There are many small diversions above station for irrigation. No flow at times.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of July 1932 reached a stage of 38.44 ft, from information by local resident.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,600 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 16	1645	*98	*4.49

Water-Data Report 2008

08206600 Frio River at Tilden, TX—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

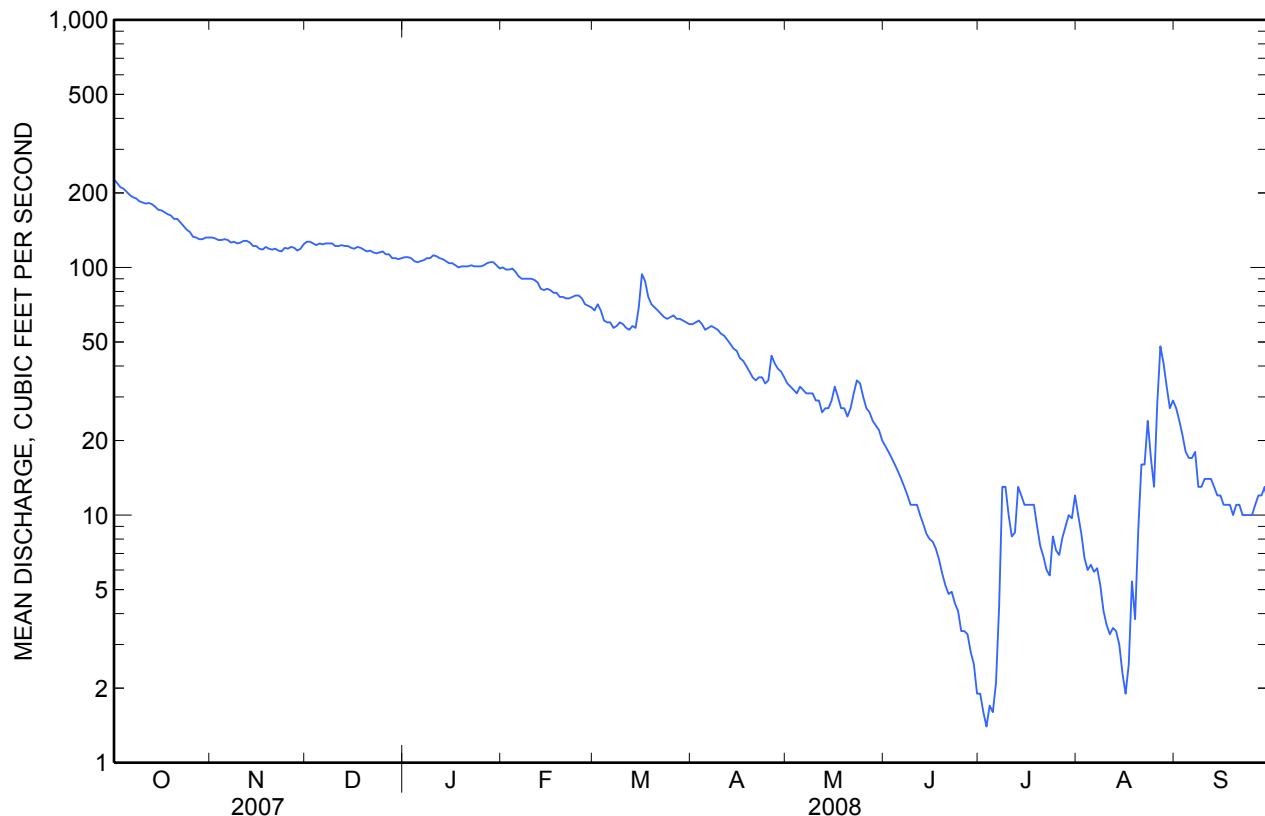
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	226	132	127	110	100	67	59	34	19	1.9	10	27
2	219	131	127	110	98	71	60	33	18	1.6	8.4	24
3	211	129	125	109	98	67	61	32	17	1.4	6.7	21
4	208	129	123	106	99	61	59	31	16	1.7	6.0	18
5	202	130	125	105	96	60	56	33	15	1.6	6.3	17
6	196	129	124	106	92	60	57	32	14	2.1	5.9	17
7	192	126	125	107	90	57	58	31	13	4.3	6.1	18
8	190	127	125	109	90	58	57	31	12	13	5.2	13
9	185	125	125	109	90	60	56	31	11	13	4.1	13
10	183	126	122	112	90	59	54	29	11	10	3.6	14
11	181	128	122	111	89	57	53	29	11	8.2	3.3	14
12	182	128	123	109	87	56	51	26	10	8.5	3.5	14
13	180	126	122	108	82	58	49	27	9.2	13	3.4	13
14	176	122	122	106	81	57	47	27	8.4	12	3.0	12
15	171	122	120	104	82	69	46	29	8.0	11	2.3	12
16	170	119	119	104	81	94	43	33	7.8	11	1.9	11
17	167	118	121	102	79	88	42	30	7.3	11	2.5	11
18	164	121	120	100	79	76	40	27	6.6	11	5.4	11
19	162	119	118	101	76	71	38	27	5.8	9.0	3.8	10
20	157	118	116	101	76	69	36	25	5.2	7.5	8.7	11
21	157	119	117	101	75	67	35	27	4.8	6.8	16	11
22	152	117	115	102	75	65	36	31	4.9	6.0	16	10
23	147	116	114	101	76	63	36	35	4.4	5.7	24	10
24	142	120	115	101	77	62	34	34	4.1	8.2	17	10
25	139	119	116	101	77	63	35	30	3.4	7.2	13	10
26	133	121	113	102	75	64	44	27	3.4	6.9	28	11
27	132	120	113	104	71	62	41	26	3.3	8.1	48	12
28	130	117	109	105	70	62	39	24	2.8	9.0	41	12
29	130	119	109	105	69	61	38	23	2.5	10	33	13
30	132	124	108	102	---	60	36	22	1.9	9.7	27	11
31	132	---	109	99	---	59	---	20	---	12	29	---
Total	5,248	3,697	3,689	3,252	2,420	2,003	1,396	896	260.8	242.4	392.1	411
Mean	169	123	119	105	83.4	64.6	46.5	28.9	8.69	7.82	12.6	13.7
Max	226	132	127	112	100	94	61	35	19	13	48	27
Min	130	116	108	99	69	56	34	20	1.9	1.4	1.9	10
Ac-ft	10,410	7,330	7,320	6,450	4,800	3,970	2,770	1,780	517	481	778	815

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	205	115	103	99.6	110	105	131	176	616	640	174	254
Max	861	526	1,314	877	1,745	1,188	935	1,171	8,992	8,637	1,368	4,721
(WY)	(1986)	(2005)	(1992)	(1992)	(1992)	(1992)	(1992)	(1980)	(1987)	(2002)	(2007)	(2002)
Min	0.12	0.11	0.27	0.45	0.26	2.91	0.55	0.46	0.03	0.00	0.00	0.00
(WY)	(1991)	(2007)	(1991)	(1991)	(2007)	(1984)	(1984)	(1998)	(1998)	(1996)	(2000)	(2000)

08206600 Frio River at Tilden, TX—Continued**SUMMARY STATISTICS**

	Calendar Year 2007	Water Year 2008	Water Years 1978 - 2008
Annual total	225,081.42	23,907.3	
Annual mean	617	65.3	227
Highest annual mean			1,176
Lowest annual mean			7.06
Highest daily mean	14,700	Jul 28	31,500
Lowest daily mean	0.00	Feb 17	0.00
Annual seven-day minimum	0.00	Mar 4	0.00
Maximum peak flow		98	33,000
Maximum peak stage		4.49	30.29
Annual runoff (ac-ft)	446,400	47,420	164,200
10 percent exceeds	1,820	129	273
50 percent exceeds	122	58	30
90 percent exceeds	0.56	6.2	0.24



08206600 Frio River at Tilden, TX—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD--

CHEMICAL DATA: July 1978 to Oct. 1983, Dec. 1997 to Aug. 1999, Dec. 2001 to current year.

BIOCHEMICAL DATA: July 1978 to Oct. 1983, Dec. 1997 to Aug. 1999, Dec. 2001 to current year.

PESTICIDE DATA: Aug. 1978 to Aug. 1983, Dec. 1997 to Aug. 1999, Dec. 2001 to current year.

RADIOCHEMICAL DATA: Jan. 1981 to May 1981, Dec. 1998 to Aug. 1999, Dec. 2001 to current year.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 14

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Time	Sample medium and type	Instan- taneous dis- charge, cfs (00061)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	Dis- solved oxygen, percent (00400)	pH, water, unfltrd field, std units (00095)	Specif- ic conduc- tance, wat unf μS/cm 25 degC (00010)
Dec 18...	1040	Surface water, regular	122	766	8.6	84	8.2	1,570	14.5
Mar 19...	1110	Surface water, regular	71	764	7.1	78	8.1	1,610	19.8
Jun 24...	0940	Surface water, regular	4.0	759	5.1	65	7.9	2,860	26.7
Sep 29...	0910	Surface water, regular	14	760	5.9	68	8.0	1,960	22.3

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 14

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Noncarb hard- ness,					Sodium			Alka- linity,	Bicar- bonate,	Carbon- ate,		
	Hard- ness, water, mg/L as CaCO ₃ (00900)	Wat flt, field, mg/L as CaCO ₃ (00904)	Calcium water, mg/L (00915)	Magnes- ium, water, mg/L (00925)	Potas- sium, water, mg/L (00935)	Sodium adsorp- tion ratio (00931)	Frac- tion of cations percent (00932)	Sodium, water, filtrd, mg/L (00930)	Wat flt inf tit field, mg/L CaCO ₃ (39086)	Wat flt infl pt titr., mg/L (00453)	Wat flt infl pt titr., mg/L (00452)	Chlor- ide, water, filtrd, mg/L (00940)	Fluor- ide, water, filtrd, mg/L (00950)
Dec 18...	460	240	133	31.4	3.11	2.9	40	142	222	271	.0	229	.20
Mar 19...	450	250	128	31.9	3.20	3.1	42	150	204	245	2	260	.21
Jun 24...	560	350	140	49.7	5.95	7.0	59	378	210	253	2	593	.37
Sep 29...	390	160	99.9	32.9	4.73	5.9	60	266	230	274	2.8	267	.33

08206600 Frio River at Tilden, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 14

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Residue water, fltrd,		Ammonia + org-N, water, fltrd, mg/L as N				Nitrate + nitrite water, fltrd, mg/L as N				Nitrate water, fltrd, mg/L as N		Nitrite water, fltrd, mg/L as N	
	Silica, water, fltrd, mg/L as SiO ₂ (00955)	Sulfate water, fltrd, mg/L (00945)	sum of constituents (70301)	Residue water, fltrd, tons/acre-ft (70303)	Residue water, dissolved, tons/d (70302)	Ammonia water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (71846)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L as N (00631)	Nitrate water, fltrd, mg/L as N (71851)	Nitrate water, fltrd, mg/L as N (00618)	Nitrate water, fltrd, mg/L as N (71856)	Nitrite water, fltrd, mg/L as N (00613)	
Dec 18...	10.9	190	E901	E1.22	E297	.34	--	<.020	5.96	26.4	5.96	.020	.006	
Mar 19...	9.15	194	E923	E1.26	E177	.43	.05	.036	5.37	23.7	5.36	.039	.012	
Jun 24...	8.14	335	E1,640	E2.23	E17.7	.56	.08	.063	.31	1.36	.31	.021	.006	
Sep 29...	3.88	197	E1,010	E1.38	E38.3	.39	.04	.033	.29	1.26	.29	.011	.003	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 4 of 14

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Ortho-nitrogen, water, fltrd, mg/L (00607)		Ortho-phosphate, water, fltrd, mg/L as P (00660)		Phosphorus, water, fltrd, mg/L as P (00666)		Aluminum, water, fltrd, μg/L (01106)		Antimony, water, fltrd, μg/L (01095)		Arsenic, water, fltrd, μg/L (01000)		Barium, water, fltrd, μg/L (01005)		Beryllium, water, fltrd, μg/L (01010)		Cadmium, water, fltrd, μg/L (01025)		Chromium, water, fltrd, μg/L (01030)		Cobalt water, fltrd, μg/L (01035)	
	Total nitrogen, water, fltrd, mg/L (00602)	Organic nitrogen, water, fltrd, mg/L (00662)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L as P (00666)	Aluminum, water, fltrd, mg/L as P (00666)	Antimony, water, fltrd, mg/L as P (00666)	Arsenic, water, fltrd, mg/L as P (00666)	Barium, water, fltrd, mg/L as P (00666)	Beryllium, water, fltrd, mg/L as P (00666)	Cadmium, water, fltrd, mg/L as P (00666)	Chromium, water, fltrd, mg/L as P (00666)	Cobalt water, fltrd, mg/L as P (00666)										
Dec 18...	--	6.3	.020	.007	<.04	<1.6	E.09	1.2	82	<.01	<.04	E.10	.14									
Mar 19...	.40	5.8	.040	.013	E.03	<1.6	E.11	1.3	84	<.01	<.04	E.06	.18									
Jun 24...	.49	.87	.105	.034	.05	<3.2	E.27	3.3	141	<.02	<.08	E.17	.38									
Sep 29...	.36	.68	.122	.040	.04	E1.0	.30	1.6	91	<.01	<.04	E.07	.30									

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08206600 Frio River at Tilden, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 5 of 14

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Copper, water, fltrd, µg/L (01040)	Iron, water, fltrd, µg/L (01046)	Lead, water, fltrd, µg/L (01049)	Lithium water, fltrd, µg/L (01130)	Mangan- ese, water, fltrd, µg/L (01056)	Mercury, water, fltrd, µg/L (71890)	Molyb- denum, water, fltrd, µg/L (01060)	Nickel, water, fltrd, µg/L (01065)	Selen- ium, water, fltrd, µg/L (01145)	Silver, water, fltrd, µg/L (01075)	Stront- ium, water, fltrd, µg/L (01080)	Vana- dium, water, fltrd, µg/L (01085)	Zinc, water, fltrd, µg/L (01090)
Dec 18...	<1.0	E4	<.08	38	2.0	<.010	1.0	1.0	1.3	<.1	945	4	<1.8
Mar 19...	<1.0	<8	<.08	42	6.0	<.010	1.1	1.1	1.4	<.1	980	5	<1.8
Jun 24...	<2.0	<16	<.16	119	10.4	<.010	2.3	2.5	.99	<.2	1,430	7	<3.6
Sep 29...	<1.0	<8	<.08	96	18.2	<.010	2.0	1.7	.56	<.1	1,090	5	E1.2

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 6 of 14

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	2,4-D methyl water, fltrd, µg/L (50470)	2,4-D plus methyl ester, water, fltrd, µg/L as (66496)	2,4-D, water, fltrd, µg/L (39732)	2,4-DB, water, fltrd, 0.7u GF (38746)	2,6-Di-ethyl-aniline CIAT, water, fltrd, 0.7u GF (82660)	Aceto-furan, water, fltrd, µg/L (04040)	OIET, water, fltrd, µg/L (04038)	Hydroxy carbo-furan, water, fltrd, µg/L (50355)	3-Hydroxy furan, water, fltrd, µg/L (49308)	Aceto-chlor, water, fltrd, µg/L (49260)	Aci-fluor-fen, water, fltrd, µg/L (49315)	Ala-chlor, water, fltrd, µg/L (46342)	Aldi-carb sulfone water, fltrd, 0.7u GF (49313)
Dec 18...	<.200	<.02	<.02	<.02	<.002	E.021	<.08	<.040	--	<.006	<.040	<.006	--
Mar 19...	<.040	<.02	<.02	<.02	<.002	E.027	<.08	E.011	<.040	<.006	<.040	<.006	<.08
Jun 24...	<.040	<.00	<.02	<.02	<.002	E.030	<.08	E.008	<.040	<.006	<.040	<.006	<.08
Sep 29...	<.040	<.00	<.02	<.02	<.002	E.012	<.08	E.013	<.040	<.006	<.040	<.006	<.08

08206600 Frio River at Tilden, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 7 of 14

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Aldi-carb sulf-oxide, water, fltrd, 0.7u GF	Aldi-carb, water, fltrd, 0.7u GF	alpha-HCH, water, fltrd, 0.7u GF	Atra-zine, water, fltrd, 0.7u GF	Azin-phos-methyl, water, fltrd, 0.7u GF	Bendio-carb, water, fltrd, 0.7u GF	Ben-flur-alin, water, fltrd, 0.7u GF	Benomyl, water, fltrd, 0.7u GF	Bensul-furon-methyl, water, fltrd, 0.7u GF	Ben-tazon, water, fltrd, 0.7u GF	Bromo-cil, water, fltrd, 0.7u GF	Bromoxynil, water, fltrd, 0.7u GF	Butylate, water, fltrd, 0.7u GF
	µg/L (49314)	µg/L (49312)	µg/L (34253)	µg/L (39632)	µg/L (82686)	µg/L (50299)	µg/L (82673)	µg/L (50300)	µg/L (61693)	µg/L (38711)	µg/L (04029)	µg/L (49311)	µg/L (04028)
Dec 18...	--	<.12	<.002	.007	<.120	--	<.004	<.040	<.06	<.04	<.02	<.12	<.002
Mar 19...	<.060	<.12	<.002	.009	<.120	<.04	<.004	<.040	<.06	<.04	<.02	<.12	<.002
Jun 24...	<.060	<.12	<.002	.026	<.120	<.04	<.004	<.040	<.06	<.04	<.02	<.12	<.002
Sep 29...	<.060	<.12	<.002	.017	<.120	<.04	<.004	<.040	<.06	<.04	<.02	<.12	<.002

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 8 of 14

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Caf-feine, water, fltrd, 0.7u GF	Car-baryl, water, fltrd, 0.7u GF	Car-baryl, water, fltrd, 0.7u GF	Carbo-furan, water, fltrd, 0.7u GF	Carbo-furan, water, fltrd, 0.7u GF	Chlor-amben methyl ester, water, fltrd, 0.7u GF	Chlori-muron-ethyl, water, fltrd, 0.7u GF	Chlor-pyrifos, water, fltrd, 0.7u GF	cis-Per-methrin, water, fltrd, 0.7u GF	Clopyr-alid, water, fltrd, 0.7u GF	Cyana-zine, water, fltrd, 0.7u GF	Cyclo-ate, water, fltrd, 0.7u GF	Dacthal mono-acid, water, fltrd, 0.7u GF
	µg/L (50305)	µg/L (49310)	µg/L (82680)	µg/L (49309)	µg/L (82674)	µg/L (61188)	µg/L (50306)	µg/L (38933)	µg/L (82687)	µg/L (49305)	µg/L (04041)	µg/L (04031)	µg/L (49304)
Dec 18...	<.060	--	<.060	--	<.020	<.10	<.080	<.005	<.010	<.06	<.020	<.02	<.02
Mar 19...	<.060	<.04	<.060	<.020	<.020	<.10	<.080	<.005	<.010	<.06	<.020	<.02	<.02
Jun 24...	.061	<.04	<.060	<.020	<.020	<.10	<.080	<.005	<.010	<.06	<.020	<.02	<.02
Sep 29...	<.060	<.04	<.060	<.020	<.020	<.10	<.080	<.005	<.010	<.06	<.020	<.02	<.02

08206600 Frio River at Tilden, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 9 of 14

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Desulf- inyl- fipro- nil, water, fltrd 0.7u GF μg/L (82682)	Diazi- non, water, fltrd 0.7u GF μg/L (39572)	Dicamba water, fltrd 0.7u GF μg/L (38442)	Di-chlor- prop, water, fltrd 0.7u GF μg/L (49302)	Diel- drin, water, fltrd 0.7u GF μg/L (39381)	Dinoseb water, fltrd 0.7u GF μg/L (49301)	Diphen- amid, water, fltrd 0.7u GF μg/L (04033)	Disul- foton, water, fltrd 0.7u GF μg/L (82677)	Diuron, water, fltrd 0.7u GF μg/L (49300)	EPTC, water, fltrd 0.7u GF μg/L (82668)	Ethal- flur- alain, water, fltrd 0.7u GF μg/L (82663)	Etho- prop, water, fltrd 0.7u GF μg/L (82672)	
Dec 18...	<.003	<.012	<.005	<.04	<.02	<.009	<.04	<.04	<.04	<.04	<.002	<.009	<.012
Mar 19...	<.003	<.012	<.005	<.04	<.02	<.009	<.04	<.04	<.04	<.04	.003	<.009	<.012
Jun 24...	<.003	<.012	<.005	<.04	<.02	<.009	<.04	<.04	<.04	<.04	<.002	<.009	<.012
Sep 29...	<.003	<.012	<.005	<.04	<.02	<.009	<.04	<.04	<.04	<.04	<.002	<.009	<.012

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 10 of 14

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Date	Desulf- inyl- fipro- nil water, fltrd 0.7u GF μg/L (49297)	Fipro- nil amide, water, fltrd μg/L (62169)	Fipro- nil sulfide water, fltrd μg/L (62167)	Fipro- nil sulfone water, fltrd μg/L (62168)	Fipro- nil water, fltrd μg/L (62166)	Flumet- sulam, water, fltrd μg/L (61694)	Fluo- meturon water, fltrd 0.7u GF μg/L (38811)	Fonofos water, fltrd μg/L (04095)	Imaza- quin, water, fltrd μg/L (50356)	Imaze- thapyr, water, fltrd μg/L (50407)	Imida- cloprid, water, fltrd μg/L (61695)	Linuron water, fltrd 0.7u GF μg/L (39341)	
Dec 18...	<.04	<.029	<.013	<.024	<.020	<.06	<.04	<.010	<.04	<.04	<.060	<.006	<.02
Mar 19...	<.04	<.029	<.013	<.024	<.020	<.06	<.04	<.010	<.04	<.04	<.060	<.006	<.02
Jun 24...	<.04	<.029	<.013	<.024	<.020	<.06	<.04	<.010	<.04	<.04	<.060	<.006	<.02
Sep 29...	<.04	<.029	<.013	<.024	<.020	<.06	<.04	<.010	<.04	<.04	<.060	<.006	<.02

08206600 Frio River at Tilden, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 11 of 14

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Linuron water, fltrd 0.7u GF μg/L (82666)	Mala- thion, water, fltrd 0.7u GF μg/L (39532)	MCPA, water, fltrd 0.7u GF μg/L (38482)	MCPB, water, fltrd 0.7u GF μg/L (38487)	Meta- laxyl, water, fltrd 0.7u GF μg/L (50359)	Methio- carb, water, fltrd 0.7u GF μg/L (38501)	Meth- omyl, water, fltrd 0.7u GF μg/L (49296)	para- thion, water, fltrd 0.7u GF μg/L (82667)	Methyl Metola- chlor, water, fltrd 0.7u GF μg/L (39415)	Metri- buzin, water, fltrd 0.7u GF μg/L (82630)	Metsul- furon- methyl, water, fltrd 0.7u GF μg/L (61697)	Moli- nate, water, fltrd 0.7u GF μg/L (82671)	N-(4- Chloro- phenyl)- -N'- methyl- urea, μg/L (61692)
Dec 18...	<.060	<.016	<.06	<.06	<.02	--	<.120	<.008	<.010	<.012	<.14	<.002	<.12
Mar 19...	<.060	<.016	<.06	<.06	<.02	<.040	<.120	<.008	E.004	<.012	<.14	<.002	<.12
Jun 24...	<.060	<.016	<.06	<.06	<.02	<.040	<.120	<.008	E.007	<.012	<.14	<.002	<.12
Sep 29...	<.060	<.016	<.06	<.06	<.02	<.040	<.120	<.008	.041	<.012	<.14	<.002	<.12

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 12 of 14

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Naprop- amide, water, fltrd 0.7u GF μg/L (82684)	Neburon water, fltrd 0.7u GF μg/L (49294)	Nico- sul- furon, water, fltrd 0.7u GF μg/L (50364)	Norflur- azon, water, fltrd 0.7u GF μg/L (49293)	Ory- zalin, water, fltrd 0.7u GF μg/L (49292)	Oxamyl, water, fltrd 0.7u GF μg/L (49292)	p,p'- DDE, water, fltrd 0.7u GF μg/L (38866)	Para- thion, water, fltrd 0.7u GF μg/L (34653)	Peb- ulate, water, fltrd 0.7u GF μg/L (39542)	Pen- meth- alin, water, fltrd 0.7u GF μg/L (82669)	Phorate, water, fltrd 0.7u GF μg/L (82683)	Pic- loram, water, fltrd 0.7u GF μg/L (82664)	Prome- ton, water, fltrd 0.7u GF μg/L (49291)
Dec 18...	<.018	<.02	<.10	<.02	<.04	--	<.003	<.010	<.004	<.012	<.040	<.12	<.01
Mar 19...	<.018	<.02	<.10	<.02	<.04	<.12	<.003	<.010	<.004	<.012	<.040	<.12	M
Jun 24...	<.018	<.02	<.10	<.02	<.04	<.12	<.003	<.010	<.004	<.012	<.040	<.12	M
Sep 29...	<.018	<.02	<.10	<.02	<.04	<.12	<.003	<.010	<.004	<.012	<.040	<.12	M

08206600 Frio River at Tilden, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 13 of 14

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Propyzamide, water, fltrd 0.7u GF	Propachlor, water, fltrd 0.7u GF	Propanil, water, fltrd 0.7u GF	Propar-gite, water, fltrd 0.7u GF	Propham-water, fltrd 0.7u GF	Propiconazole, water, fltrd 0.7u GF	Propoxur, water, fltrd 0.7u GF	Siduron, water, fltrd 0.7u GF	Simazine, water, fltrd 0.7u GF	Sulfometuron-methyl, water, fltrd 0.7u GF	Tebuthiuron, water, fltrd 0.7u GF	Terbacil, water, fltrd 0.7u GF	Terbacil, water, fltrd 0.7u GF
Dec 18...	<.004	<.006	<.006	<.04	<.040	<.04	--	<.02	<.006	<.060	<.02	<.018	<.040
Mar 19...	<.004	<.006	<.006	<.04	<.040	<.04	<.040	<.02	<.006	<.060	<.02	<.018	<.040
Jun 24...	<.004	<.006	<.006	<.04	<.040	<.04	<.040	<.02	<.006	<.060	<.02	<.018	<.040
Sep 29...	<.004	<.006	<.006	<.04	<.040	<.04	<.040	<.02	<.006	<.060	<.02	<.018	<.040

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 14 of 14

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Terbu-fos, water, fltrd 0.7u GF	Thio-bencarb, water, fltrd 0.7u GF	Tri-allate, water, fltrd 0.7u GF	Tri-clopyr, water, fltrd 0.7u GF	Flur-alin, water, fltrd 0.7u GF	Uranium natural water, fltrd 0.7u GF
Dec 18...	<.02	<.010	<.006	<.08	<.006	1.72
Mar 19...	<.02	<.010	<.006	<.08	<.006	1.61
Jun 24...	<.02	<.010	<.006	<.08	<.006	2.10
Sep 29...	<.02	<.010	<.006	<.08	<.006	1.73