

Water-Data Report 2011

08475000 Rio Grande near Brownsville, TX

Lower Rio Grande Basin
Lower Rio Grande Subbasin

LOCATION.--Lat 25°52'35", long 97°27'15" referenced to North American Datum of 1927, Cameron County, TX, Hydrologic Unit 13090002, 900 feet above International Boundary and Water Commission gaging station, 1,000 ft downstream from El Jardin pumping plant on earthen dam, 6.8 mi below International Bridge between Brownsville and Matamoros, Tamaulipas, Mexico and 48.8 mi above the Gulf of Mexico.

DRAINAGE AREA.--176,333 mi², United States and Mexico.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

CHEMICAL DATA: Jan. 1932, Mar. 1943 to Feb. 1944, Feb. 1966 to current year.

BIOCHEMICAL DATA: Oct. 1974 to current year.

PESTICIDE DATA: May 1975 to May 1982, Oct. 1995 to current year.

SEDIMENT DATA: Feb. 1996 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Mar. 1943 to Feb. 1944, Apr. 1967 to Sept. 1983.

WATER TEMPERATURE: Oct. 1966 to Sept. 1983.

SUSPENDED SEDIMENT DISCHARGE: Feb. 1966 to Sept. 1983.

REMARKS.--The flow is controlled largely by releases from Falcon Reservoir. Instantaneous discharges published in the table for Nov. 2010 to April 2011 were provided by the National Oceanic Atmospheric Administration (NOAA). Instantaneous discharges for June to Sept. 2011 not available. Suspended sediment results not currently available. Some records listed in the "Period of Record" for water quality may not be available electronically.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 4,130 microsiemens/cm, May 29, 1972; minimum daily, 337 microsiemens/cm, Sept. 3, 1967.

WATER TEMPERATURE: Maximum daily, 35.0°C, on several days during summer months of 1982 and 1983; minimum daily, 8.0°C, Jan. 10, 1967.

SEDIMENT CONCENTRATION: Maximum daily mean, 6,000 mg/L, Feb. 28, 1983; minimum daily mean, 4.0 mg/L, Apr. 26, 1970, Aug. 16, 18, 24, 27, 1977.

SEDIMENT LOADS: Maximum daily, 181,000 tons, Feb. 28, 1983; minimum daily, 0.12 tons, Aug. 26, 1983.

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 1 of 20

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °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, mm Hg (00025)		filtered, units per centimeter (50624)		filtered, units per centimeter (61726)		Absorbance, UV, organic constituents, cm path length, water, 280 nm, 1 cm path length, water,		Discharge, instantane ous, cubic meters per second (30209)	
				Absorbance, UV, 254 nm, 1	Discharge, instantane ous, ft ³ /s (00061)	Discharge, instantane ous, ft ³ /s (00061)	Discharge, instantane ous, ft ³ /s (00061)						
11-30-2010	0910	Surface water	Regular	766	.081	.059	E 1,630	E 46					
12-30-2010	0810	Surface water	Regular	752	.072	.046	E 979	E 28					
01-20-2011	0900	Surface water	Regular	756	.079	.057	1,820	51					
02-23-2011	0830	Surface water	Regular	737	.072	.051	2,260	64					
03-29-2011	1008	QC sample - Artificial	Blank	--	.006	.006	--	--					
04-27-2011	0850	Surface water	Regular	748	.075	.054	E 779	E 22					
06-20-2011	1328	QC sample - Artificial	Blank	--	--	--	--	--					
06-21-2011	1310	Surface water	Regular	--	.071	.049	--	--					
07-12-2011	0900	Surface water	Regular	765	.082	.059	--	--					
07-26-2011	0840	Surface water	Regular	760	.071	.050	--	--					
07-26-2011	0843	QC sample - Surface water	Spike	--	--	--	--	--					
08-09-2011	0840	Surface water	Regular	--	.074	.052	--	--					
08-24-2011	0830	Surface water	Regular	761	.075	.054	--	--					
08-24-2011	0840	QC sample - Surface water	Replicate	761	.075	.054	--	--					
09-07-2011	0840	Surface water	Regular	764	.072	.051	--	--					
09-20-2011	0850	Surface water	Regular	763	.073	.053	--	--					

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 2 of 20

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Date	Sample start time	Dissolved oxygen, water, unfiltered, % saturation	pH, water, unfiltered, field, standard	pH, water, unfiltered, laboratory, standard	Specific conductance, water, unfiltered, µS/cm at 25 °C (90095)	Specific conductance, water, unfiltered, µS/cm at 25 °C (90095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)
		mg/L (00300)	(00301)	units (00400)	units (00403)	µS/cm at 25 °C (90095)	°C (00010)	
11-30-2010	0910	8.7	97	8.1	8.2	1,550	21.0	44
12-30-2010	0810	9.6	103	8.1	8.2	1,050	18.3	27
01-20-2011	0900	9.6	100	8.1	8.2	1,140	16.9	47
02-23-2011	0830	9.3	110	8.4	8.3	1,330	21.8	23
03-29-2011	1008	--	--	--	E 6.1	< 5	--	--
04-27-2011	0850	7.0	90	8.1	8.1	1,080	27.3	33
06-20-2011	1328	--	--	--	--	--	--	--
06-21-2011	1310	7.4	--	8.2	8.3	1,340	30.1	42
07-12-2011	0900	5.5	74	7.8	8.0	1,890	19.20	52
07-26-2011	0840	6.8	91	8.1	8.1	1,390	14.70	25
07-26-2011	0843	--	--	--	--	--	--	--
08-09-2011	0840	6.4	--	8.2	8.4	1,310	13.50	21
08-24-2011	0830	6.2	85	8.2	8.2	1,240	12.60	24
08-24-2011	0840	6.2	85	8.2	8.1	1,230	12.60	24
09-07-2011	0840	--	--	8.2	8.2	1,320	13.60	27
09-20-2011	0850	6.5	85	8.1	8.2	1,420	14.60	28

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 3 of 20

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °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	Gage height, above datum, meters (30207)	Gage height, ft (00065)	alpha-HCH-d6, surrogate, Schedule		Diazinon-d10, surrogate, Schedule		Sampling method (82398)	
				2003, water, filtered, percent recovery (99995)	2003, water, filtered, percent recovery (99994)	Sample purpose (71999)	Schedule 2003, mL (99972)		
11-30-2010	0910	3.19	10.45	110	118	NASQAN	937	Open-Mouth Bottle	Point sample
12-30-2010	0810	E 2.35	E 7.71	88.1	112	NASQAN	922	Open-Mouth Bottle	Point sample
01-20-2011	0900	3.41	11.20	105	118	NASQAN	940	Open-Mouth Bottle	Point sample
02-23-2011	0830	3.26	10.70	95.3	97.2	NASQAN	952	Open-Mouth Bottle	Point sample
03-29-2011	1008	--	--	--	--	NASQAN	--	--	--
04-27-2011	0850	E 1.78	E 5.84	105	110	NASQAN	945	Open-Mouth Bottle	Point sample
06-20-2011	1328	--	--	99.6	109	NASQAN	888	--	--
06-21-2011	1310	--	--	108	106	NASQAN	947	Open-Mouth Bottle	Point sample
07-12-2011	0900	--	--	110	107	NASQAN	920	Open-Mouth Bottle	Point sample
07-26-2011	0840	--	--	99.3	88.3	NASQAN	898	Open-Mouth Bottle	Point sample
07-26-2011	0843	--	--	102	110	NASQAN	874	--	--
08-09-2011	0840	--	--	109	112	NASQAN	925	Open-Mouth Bottle	Point sample
08-24-2011	0830	--	--	110	110	NASQAN	874	Open-Mouth Bottle	Point sample
08-24-2011	0840	--	--	114	111	NASQAN	877	Open-Mouth Bottle	Point sample
09-07-2011	0840	--	--	101	102	NASQAN	894	Open-Mouth Bottle	Point sample
09-20-2011	0850	--	--	101	99.0	NASQAN	927	Open-Mouth Bottle	Point sample

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 4 of 20

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Date	Sample start time	Purpose, site visit (50280)	Source of blank solution (99101)	Type of blank sample (99102)	Type of blank solution (99100)	Type of quality assurance data associated with sample (99111)	Type of replicate (99105)
11-30-2010	0910	Fixed frequency SW	--	--	--	No assoc QA data	--
12-30-2010	0810	Fixed frequency SW	--	--	--	No assoc QA data	--
01-20-2011	0900	Fixed frequency SW	--	--	--	No assoc QA data	--
02-23-2011	0830	Fixed frequency SW	--	--	--	No assoc QA data	--
03-29-2011	1008	--	USGSNWQL	Equipment	Inorganic-free water	--	--
04-27-2011	0850	Fixed frequency SW	--	--	--	Blank	--
06-20-2011	1328	--	USGSNWQL	Equipment	OFW NP voc-free	--	--
06-21-2011	1310	Fixed frequency SW	--	--	--	No assoc QA data	--
07-12-2011	0900	Fixed frequency SW	--	--	--	No assoc QA data	--
07-26-2011	0840	Fixed frequency SW	--	--	--	Spike sample	--
07-26-2011	0843	--	--	--	--	--	--
08-09-2011	0840	Fixed frequency SW	--	--	--	No assoc QA data	--
08-24-2011	0830	Fixed frequency SW	--	--	--	Replicate sample	Split
08-24-2011	0840	Fixed frequency SW	--	--	--	--	Split
09-07-2011	0840	Fixed frequency SW	--	--	--	No assoc QA data	--
09-20-2011	0850	Fixed frequency SW	--	--	--	No assoc QA data	--

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 5 of 20

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °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	Dissolved				Noncarbonate hardness, water, filtered, lab, milligrams per liter as calcium carbonate				Magne-	
		Dissolved solids, dried at 180 °C, water, filtered, mg/L (70300)	Dissolved solids, water, filtered, sum of constituents, tons per acre-foot (70301)	Dissolved solids, water, filtered, per day (70303)	Hardness, water, tons mg/L as CaCO ₃ (00900)	water, filtered, field, mg/L as CaCO ₃ (00904)	water, filtered, mg/L (00905)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)		
11-30-2010	0910	997	945	1.36	E 4,400	427	237	229	124	27.7	
12-30-2010	0810	681	647	.93	E 1,800	330	172	158	97.2	20.9	
01-20-2011	0900	720	703	.98	3,530	337	188	180	97.9	22.1	
02-23-2011	0830	844	842	1.15	5,160	367	213	208	104	25.9	
03-29-2011	1008	--	--	--	--	<.09	--	--	<.02	<.008	
04-27-2011	0850	709	688	.96	E 1,490	321	--	183	87.7	24.3	
06-20-2011	1328	--	--	--	--	--	--	--	--	--	
06-21-2011	1310	917	881	1.25	--	397	241	239	107	31.0	
07-12-2011	0900	1,250	1,170	1.70	--	467	316	308	123	37.9	
07-26-2011	0840	888	850	1.21	--	359	210	206	95.1	29.0	
07-26-2011	0843	--	--	--	--	--	--	--	--	--	
08-09-2011	0840	856	830	1.16	--	368	E 240	246	95.9	30.7	
08-24-2011	0830	802	751	1.09	--	318	196	191	83.3	26.3	
08-24-2011	0840	806	759	1.10	--	325	204	199	84.8	27.1	
09-07-2011	0840	881	836	1.20	--	361	233	234	94.1	30.1	
09-20-2011	0850	938	873	1.28	--	382	232	235	99.1	32.3	

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 6 of 20

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °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	Potassium, water, filtered, mg/L (00935)	Sodium adsorption ratio, water, number (00931)	Sodium fraction of cations, water, percent in equiva- lents of major cations (00932)	Sodium, water, filtered, mg/L (00930)	Alkalinity, water, fixed endpoint (pH 4.5) titration, laboratory, mg/L as CaCO ₃ (29801)	Alkalinity, water, filtered, inflection- point, incremental titration method, field, mg/L as CaCO ₃ (39086)	Alkalinity, water, filtered, inflection- point, incremental titration method, field, mg/L (00453)	Bicarbonate, water, filtered, inflection- point, incremental titration method, field, mg/L (00694)	Carbon (inorganic) plus suspended sediment, total, mg/L (00694)
11-30-2010	0910	5.01	3.09	43	146	198	190	228	4.30	
12-30-2010	0810	4.46	2.15	37	89.6	172	159	191	2.80	
01-20-2011	0900	4.71	2.55	41	107	157	149	179	3.42	
02-23-2011	0830	4.87	2.95	43	129	159	154	182	3.15	
03-29-2011	1008	< .006	--	--	< .06	--	--	--	--	
04-27-2011	0850	4.92	2.50	41	103	138	--	--	3.62	
06-20-2011	1328	--	--	--	--	--	--	--	--	
06-21-2011	1310	5.46	3.20	44	146	158	156	186	5.62	
07-12-2011	0900	6.09	4.03	48	200	159	150	181	6.38	
07-26-2011	0840	5.16	3.16	45	137	152	149	178	4.47	
07-26-2011	0843	--	--	--	--	--	--	--	--	
08-09-2011	0840	5.33	3.15	45	138	121	E 128	E 153	7.36	
08-24-2011	0830	4.80	2.84	44	116	127	122	145	3.57	
08-24-2011	0840	5.07	2.93	44	121	126	121	144	3.10	
09-07-2011	0840	5.63	3.12	45	136	127	128	154	3.41	
09-20-2011	0850	5.64	3.27	45	147	147	150	180	3.21	

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 7 of 20

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Date	Sample start time	Carbonate, water, filtered, inflection- point incremental titration method,					Hydrogen ion, water, unfiltered, mg/L (00191)	Inorganic carbon, suspended sediment, total, mg/L (00688)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Ammonia plus organic nitrogen, water, filtered, mg/L as N (00623)
		Carbon dioxide, water, unfiltered, mg/L (00405)	field, mg/L (00452)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	M				
11-30-2010	0910	3.1	2	223	.41	.00001	<.03	14.1	285	.29
12-30-2010	0810	2.4	1	119	.39	.00001	<.03	14.0	203	.22
01-20-2011	0900	2.1	1	136	.40	.00001	<.03	12.2	230	.27
02-23-2011	0830	1.3	2	182	.43	M	<.03	12.1	288	.40
03-29-2011	1008	--	--	<.01	<.01	--	--	<.03	<.02	--
04-27-2011	0850	2.1	--	132	.41	.00001	<.03	11.3	241	.24
06-20-2011	1328	--	--	--	--	--	--	--	--	--
06-21-2011	1310	2.0	2	180	.51	.00001	<.03	15.2	299	.28
07-12-2011	0900	4.1	1	296	.52	.00001	.27	14.4	397	.39
07-26-2011	0840	2.2	2	186	.49	.00001	.07	13.1	293	.39
07-26-2011	0843	--	--	--	--	--	--	--	--	--
08-09-2011	0840	1.3	E 1	177	.51	.00001	<.03	12.7	295	.34
08-24-2011	0830	1.6	2	154	.52	.00001	.07	11.5	279	.33
08-24-2011	0840	1.5	1	155	.52	.00001	<.03	11.3	280	.34
09-07-2011	0840	1.4	.0	180	.50	.00001	<.03	12.6	298	.33
09-20-2011	0850	2.2	1	182	.53	.00001	<.03	13.7	301	.31

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 8 of 20

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Date	Sample start time	Ammonia			Nitrate			Organic nitrogen	
		plus organic nitrogen, water, unfiltered, mg/L as N (00625)	Ammonia, water, filtered, NH4 (71846)	Ammonia, water, filtered, mg/L as N (00608)	plus nitrite, water, filtered, mg/L as N (00631)	Nitrate, water, filtered, mg/L (71851)	Nitrate, water, filtered, mg/L as N (00618)	Nitrite, water, filtered, mg/L (71856)	water, filtered, mg/L (00607)
11-30-2010	0910	.86	<.013	<.010	.583	2.50	.564	.063	.019 <.29
12-30-2010	0810	.71	<.013	<.010	.300	1.26	.284	.053	.016 <.22
01-20-2011	0900	.74	.027	.021	.577	2.49	.562	.047	.014 .25
02-23-2011	0830	.75	<.013	<.010	.309	1.33	.300	.031	.009 <.40
03-29-2011	1008	--	.015	.012	<.008	<.035	<.008	<.003	<.001 --
04-27-2011	0850	.92	.014	.011	<.008	<.035	<.008	<.003	<.001 .23
06-20-2011	1328	--	--	--	--	--	--	--	--
06-21-2011	1310	.95	<.013	<.010	<.008	<.035	<.008	<.003	<.001 <.28
07-12-2011	0900	1.3	<.013	<.010	<.008	<.035	<.008	<.003	<.001 <.39
07-26-2011	0840	.77	.014	.011	<.008	<.035	<.008	<.003	<.001 .38
07-26-2011	0843	--	--	--	--	--	--	--	--
08-09-2011	0840	.90	<.013	<.010	<.008	<.035	<.008	<.003	<.001 <.34
08-24-2011	0830	.62	<.013	<.010	<.008	<.035	<.008	<.003	<.001 <.33
08-24-2011	0840	.77	<.013	<.010	<.008	<.035	<.008	<.003	<.001 <.34
09-07-2011	0840	.81	<.013	<.010	<.008	<.035	<.008	<.003	<.001 <.33
09-20-2011	0850	.82	<.013	<.010	<.008	<.035	<.008	<.003	<.001 <.31

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 9 of 20

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Date	Sample start time	Organic nitrogen, water, unfiltered, mg/L (00605)	Orthophosphate, water, filtered, mg/L (00660)	Orthophosphate, water, filtered, mg/L as P (00671)	Particulate nitrogen, suspended in water, mg/L (49570)	Phosphorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, filtered, mg/L (00602)	Total nitrogen, water, unfiltered, mg/L (00600)
11-30-2010	0910	<.86	.095	.031	.45	.028	.167	.87	1.3
12-30-2010	0810	<.71	.132	.043	.47	.040	.142	.52	.99
01-20-2011	0900	.72	.094	.031	.38	.034	.165	.84	1.2
02-23-2011	0830	<.75	.035	.011	.47	.008	.100	.71	1.2
03-29-2011	1008	--	<.012	<.004	--	--	--	--	--
04-27-2011	0850	.91	.033	.011	.46	.007	.130	<.25	<.71
06-20-2011	1328	--	--	--	--	--	--	--	--
06-21-2011	1310	<.95	.043	.014	.70	.017	.136	<.29	<.99
07-12-2011	0900	<1.3	.124	.040	.91	.041	.20	<.40	<1.3
07-26-2011	0840	.76	.054	.018	.77	.017	.119	<.40	<1.2
07-26-2011	0843	--	--	--	--	--	--	--	--
08-09-2011	0840	<.90	.050	.016	.98	.020	<.01	<.34	<1.3
08-24-2011	0830	<.62	.064	.021	.45	.024	.108	<.34	<.79
08-24-2011	0840	<.77	.063	.021	.36	.024	.112	<.35	<.71
09-07-2011	0840	<.81	.052	.017	.55	.020	.110	<.34	<.89
09-20-2011	0850	<.82	.051	.017	.42	.018	.136	<.32	<.74

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 10 of 20

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °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	Ratio of particulate nitrogen to particulate organic carbon, number (90861)	Iron, water, filtered, µg/L (01046)	Lithium, water, filtered, µg/L (01130)	Strontrium, water, filtered, µg/L (01080)	Vanadium, water, filtered, µg/L (01085)	Arsenic, water, filtered, µg/L (01000)	Boron, water, filtered, µg/L (01020)	Selenium, water, filtered, µg/L (01145)	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49295)
11-30-2010	0910	.106	5	35.0	1,700	2.8	3.4	337	.59	<.036
12-30-2010	0810	.168	4	23.9	1,280	3.2	3.3	213	.51	<.036
01-20-2011	0900	.110	4	29.5	1,300	3.5	2.8	268	.67	<.036
02-23-2011	0830	.150	4	24.3	1,600	3.4	2.7	253	.77	<.036
03-29-2011	1008	--	<3	<.2	<.20	<.08	<.02	<3	<.03	--
04-27-2011	0850	.127	4	22.9	1,360	4.2	3.3	220	.62	<.036
06-20-2011	1328	--	--	--	--	--	--	--	--	<.036
06-21-2011	1310	.124	<3	38.1	1,790	4.8	4.8	336	.59	<.036
07-12-2011	0900	.148	4	40.1	1,990	5.0	4.1	458	.57	<.036
07-26-2011	0840	.174	6	34.5	1,640	4.2	4.3	284	.58	<.036
07-26-2011	0843	--	--	--	--	--	--	--	--	E .069
08-09-2011	0840	.133	<3	36.4	1,670	5.4	4.8	279	.58	<.036
08-24-2011	0830	.129	9	28.8	1,540	4.5	4.4	211	.54	<.036
08-24-2011	0840	.117	<3	35.3	1,590	4.9	4.6	251	.60	<.036
09-07-2011	0840	.162	<3	35.3	1,750	5.0	4.2	268	.56	<.036
09-20-2011	0850	.131	<3	38.8	1,850	4.1	4.4	295	.50	<.036

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 11 of 20

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °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	2,6-Diethyl-aniline, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82660)	2-Chloro-4-isopropyl-2',6'-diethyl-acetanilide, water, filtered, recoverable, µg/L (61618)	2-Ethyl-6-amino-6-triazine, water, filtered, recoverable, µg/L (04040)	3,4-methyl-aniline, water, filtered, recoverable, µg/L (61620)	Dichloro-aniline, water, filtered, recoverable, µg/L (61625)	3,5-Dichloro-aniline, water, filtered, recoverable, µg/L (61627)	4-Chloro-2-methyl-phenol, water, filtered, recoverable, µg/L (61633)	Aceto-chlor, water, filtered, recoverable, µg/L (49260)	Alachlor, water, filtered, recoverable, µg/L (46342)
11-30-2010	0910	<.006	<.010	E .012	<.010	E .008	<.004	<.005	<.010	<.008
12-30-2010	0810	<.006	<.010	E .007	<.010	E .009	<.004	<.005	<.010	<.008
01-20-2011	0900	<.006	<.010	E .009	<.010	E .006	<.004	<.005	<.010	<.008
02-23-2011	0830	<.006	<.010	E .009	<.010	E .008	.002	<.005	<.010	<.008
03-29-2011	1008	--	--	--	--	--	--	--	--	--
04-27-2011	0850	<.006	<.010	E .018	<.010	E .007	<.004	<.005	<.010	<.008
06-20-2011	1328	<.006	<.010	<.006	<.010	<.004	<.004	<.005	<.010	<.008
06-21-2011	1310	<.006	<.010	<.006	<.010	E .005	<.004	<.005	<.010	<.008
07-12-2011	0900	<.006	<.010	E .015	<.010	E .014	<.004	<.005	<.010	<.008
07-26-2011	0840	<.006	<.010	E .011	<.010	E .007	<.004	<.005	<.010	<.008
07-26-2011	0843	.133	.167	E .154	E .120	E .125	.136	E .106	.192	E .191
08-09-2011	0840	<.006	<.010	E .009	<.010	E .008	<.004	<.005	<.010	<.008
08-24-2011	0830	<.006	<.010	<.008	<.010	E .006	<.004	<.005	<.010	<.008
08-24-2011	0840	<.006	<.010	E .008	<.010	E .008	<.004	<.005	<.010	<.008
09-07-2011	0840	<.006	<.010	E .009	<.010	E .006	<.004	<.005	<.010	<.008
09-20-2011	0850	<.006	<.010	E .010	<.010	E .005	<.004	<.005	<.010	<.008

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 12 of 20

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °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-							
		alpha-Endo-sulfan, water, filtered, recoverable, µg/L (34362)	Atrazine, water, filtered, recoverable, µg/L (39632)	Azinphos-methyl, oxygen analog, water, filtered, recoverable, µg/L (61635)	benfluralin, (0.7 micron glass fiber, filter), recoverable, µg/L (82686)	Carbaryl, water, filtered, recoverable, µg/L (82673)	Carbofuran, water, filtered, recoverable, µg/L (82680)	Chlorpyrifos, water, filtered, recoverable, µg/L (82674)	Chlorpyrifos, water, filtered, recoverable, µg/L (61636)
11-30-2010	0910	<.006	.242	<.04	<.120	<.014	<.060	<.060	<.06
12-30-2010	0810	<.006	.012	<.04	<.120	<.014	<.060	<.060	<.06
01-20-2011	0900	<.006	.012	<.04	<.120	<.014	<.060	<.060	<.06
02-23-2011	0830	<.006	.012	<.04	<.120	<.014	<.060	<.060	<.06
03-29-2011	1008	--	--	--	--	--	--	--	--
04-27-2011	0850	<.006	.099	<.04	<.120	<.014	<.060	<.060	<.06
06-20-2011	1328	<.006	<.008	<.04	<.120	<.014	<.060	<.060	<.06
06-21-2011	1310	<.006	.013	<.04	<.120	<.014	<.060	<.060	<.06
07-12-2011	0900	<.006	.053	<.04	<.120	<.014	<.060	<.060	<.06
07-26-2011	0840	<.006	.013	<.04	<.120	<.014	<.060	<.060	<.06
07-26-2011	0843	.111	.174	E .10	E .175	.116	E .170	E .194	E .04
08-09-2011	0840	<.006	.009	<.04	<.120	<.014	<.060	<.060	<.06
08-24-2011	0830	<.006	.009	<.04	<.120	<.014	<.060	<.060	<.06
08-24-2011	0840	<.006	.007	<.04	<.120	<.014	<.060	<.060	<.06
09-07-2011	0840	<.006	.046	<.04	<.120	<.014	<.060	<.060	<.06
09-20-2011	0850	<.006	.022	<.04	<.120	<.014	<.060	<.060	<.06

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 13 of 20

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °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	cis- Permeth- rin, water, Chlor- pyrifos, water, filtered, recover- able, µg/L (38933)	cis- Propicon- (0.7 micron glass fiber filter), recover- able, µg/L (82687)	cis- azole, water, filtered, recover- able, µg/L (79846)	Cyanazine, water, filtered, recover- able, µg/L (04041)	Cyfluthrin, water, filtered, recover- able, µg/L (61585)	Cyper- methrin, water, filtered, recover- able, µg/L (61586)	DCPA, water, (0.7 micron glass fiber filter), recover- able, µg/L (82682)	Desulfinyl- fipronil amide, water, filtered, recover- able, µg/L (62169)	Desulfinyl- fipronil, water, filtered, recover- able, µg/L (62170)
11-30-2010	0910	.007	<.010	<.008	<.022	<.016	<.020	.008	<.029	<.012
12-30-2010	0810	<.009	<.010	<.008	<.022	<.016	<.020	.006	<.029	<.012
01-20-2011	0900	.006	<.010	<.008	<.022	<.016	<.020	.005	<.029	<.012
02-23-2011	0830	<.004	<.010	<.008	<.022	<.016	<.020	.004	<.029	<.012
03-29-2011	1008	--	--	--	--	--	--	--	--	--
04-27-2011	0850	<.004	<.010	<.008	<.022	<.016	<.020	.003	<.029	<.012
06-20-2011	1328	<.004	<.010	<.008	<.022	<.016	<.020	<.008	<.029	<.012
06-21-2011	1310	<.004	<.010	<.008	<.022	<.016	<.020	<.008	<.029	<.012
07-12-2011	0900	.006	<.010	<.008	<.022	<.016	<.020	<.008	<.029	<.012
07-26-2011	0840	<.004	<.010	<.008	<.022	<.016	<.020	<.008	<.029	<.012
07-26-2011	0843	E .152	.075	E .061	E .221	E .087	E .098	.181	E .149	E .161
08-09-2011	0840	<.004	<.010	<.008	<.022	<.016	<.020	<.008	<.029	<.012
08-24-2011	0830	<.005	<.010	<.008	<.022	<.016	<.020	<.008	<.029	<.012
08-24-2011	0840	.004	<.010	<.008	<.022	<.016	<.020	<.008	<.029	<.012
09-07-2011	0840	.004	<.010	<.008	<.022	<.016	<.020	.002	<.029	<.012
09-20-2011	0850	<.004	<.010	<.008	<.022	<.016	<.020	<.008	<.029	<.012

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 14 of 20

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °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, water, filtered, recoverable, µg/L (39572)				Dichlorvos, water, filtered, recoverable, µg/L (38775)				Dicrotophos, water, filtered, recoverable, µg/L (38454)				Dieldrin, water, filtered, recoverable, µg/L (39381)				Dimethoate, water, filtered, recoverable, µg/L (82662)				Disulfoton, sulfone, water, filtered, recoverable, µg/L (61640)				Disulfoton, water, filtered, recoverable, µg/L (82677)				Endosulfan sulfate, water, filtered, recoverable, µg/L (61590)				EPTC, glass fiber filter, recoverable, µg/L (82668)			
		Diazinon, water, filtered, recoverable, µg/L (39572)	Dichlorvos, water, filtered, recoverable, µg/L (38775)	Dicrotophos, water, filtered, recoverable, µg/L (38454)	Dieldrin, water, filtered, recoverable, µg/L (39381)	Dimethoate, water, filtered, recoverable, µg/L (82662)	Disulfoton, sulfone, water, filtered, recoverable, µg/L (61640)	Disulfoton, water, filtered, recoverable, µg/L (82677)	Endosulfan sulfate, water, filtered, recoverable, µg/L (61590)	EPTC, glass fiber filter, recoverable, µg/L (82668)																											
11-30-2010	0910	<.006	<.04	<.08	<.008	<.006	<.01	<.04	<.016	<.006																											
12-30-2010	0810	<.006	<.04	<.08	<.008	<.006	<.01	<.04	<.016	<.006																											
01-20-2011	0900	<.006	<.04	<.08	<.008	<.006	<.01	<.04	<.016	<.006																											
02-23-2011	0830	<.006	<.04	<.08	<.008	<.006	<.01	<.04	<.016	<.006																											
03-29-2011	1008	--	--	--	--	--	--	--	--	--																											
04-27-2011	0850	<.006	<.04	<.08	<.008	<.006	<.01	<.04	<.016	<.006																											
06-20-2011	1328	<.006	<.04	<.08	<.008	<.006	<.01	<.04	<.016	<.006																											
06-21-2011	1310	<.006	<.04	<.08	<.008	<.006	<.01	<.04	<.016	<.006																											
07-12-2011	0900	<.006	<.04	<.08	<.008	<.006	<.01	<.04	<.016	<.006																											
07-26-2011	0840	<.006	<.04	<.08	<.008	<.006	<.01	<.04	<.016	<.006																											
07-26-2011	0843	.154	E .03	E .09	.127	E .111	.14	E .09	.158	.140																											
08-09-2011	0840	<.006	<.04	<.08	<.008	<.006	<.01	<.04	<.016	<.006																											
08-24-2011	0830	<.006	<.04	<.08	<.008	<.006	<.01	<.04	<.016	<.006																											
08-24-2011	0840	<.006	<.04	<.08	<.008	<.006	<.01	<.04	<.016	<.006																											
09-07-2011	0840	<.006	<.04	<.08	<.008	<.006	<.01	<.04	<.016	<.006																											
09-20-2011	0850	<.006	<.04	<.08	<.008	<.006	<.01	<.04	<.016	<.006																											

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 15 of 20

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °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	Ethion monoxon, water, filtered, recoverable, µg/L (61644)	Ethion, water, filtered, recoverable, µg/L (82346)	Ethoprop, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82672)	Fenami-sulfone, water, filtered, recoverable, µg/L (61645)	Fenami-sulfoxide, water, filtered, recoverable, µg/L (61646)	Fenami-phos, water, filtered, recoverable, µg/L (61591)	Fipronil sulfide, water, filtered, recoverable, µg/L (62167)	Fipronil sulfone, water, filtered, recoverable, µg/L (62168)	Fipronil, water, filtered, recoverable, µg/L (62166)
11-30-2010	0910	<.02	<.008	<.016	<.054	<.08	<.03	<.012	<.024	<.018
12-30-2010	0810	<.02	<.008	<.016	<.054	<.08	<.03	<.012	<.024	<.018
01-20-2011	0900	<.02	<.008	<.016	<.054	<.08	<.03	<.012	<.024	<.018
02-23-2011	0830	<.02	<.008	<.016	<.054	<.08	<.03	<.012	<.024	<.018
03-29-2011	1008	--	--	--	--	--	--	--	--	--
04-27-2011	0850	<.02	<.008	<.016	<.054	<.08	<.03	<.012	<.024	<.018
06-20-2011	1328	<.02	<.008	<.016	<.054	<.08	<.03	<.012	<.024	<.018
06-21-2011	1310	<.02	<.008	<.016	<.054	<.08	<.03	<.012	<.024	<.018
07-12-2011	0900	<.02	<.008	<.016	<.054	<.08	<.03	<.012	<.024	<.018
07-26-2011	0840	<.02	<.008	<.016	<.054	<.08	<.03	<.012	<.024	<.018
07-26-2011	0843	E .14	.151	E .187	.154	E .04	.15	E .215	.156	E .208
08-09-2011	0840	<.02	<.008	<.016	<.054	<.08	<.03	<.012	<.024	<.018
08-24-2011	0830	<.02	<.008	<.016	<.054	<.08	<.03	<.012	<.024	<.018
08-24-2011	0840	<.02	<.008	<.016	<.054	<.08	<.03	<.012	<.024	<.018
09-07-2011	0840	<.02	<.008	<.016	<.054	<.08	<.03	<.012	<.024	<.018
09-20-2011	0850	<.02	<.008	<.016	<.054	<.08	<.03	<.012	<.024	<.018

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 16 of 20

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °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	lambda-									
		Fonofos, water, filtered, recoverable, µg/L (04095)	Hexa-zinone, water, filtered, recoverable, µg/L (04025)	Iprodione, water, filtered, recoverable, µg/L (61593)	Isofen-phos, water, filtered, recoverable, µg/L (61594)	Cyhalothrin, water, filtered, recoverable, µg/L (61595)	Malaoxon, water, filtered, recoverable, µg/L (61652)	Malathion, water, filtered, recoverable, µg/L (39532)	Metalaxyl, water, filtered, recoverable, µg/L (61596)	Methidathion, water, filtered, recoverable, µg/L (61598)	
11-30-2010	0910	<.005	<.008	<.014	<.006	<.010	<.022	<.016	<.014	<.012	
12-30-2010	0810	<.005	<.008	<.014	<.006	<.010	<.022	<.016	<.014	<.012	
01-20-2011	0900	<.005	<.008	<.014	<.006	<.010	<.022	<.016	<.014	<.012	
02-23-2011	0830	<.005	<.008	<.014	<.006	<.010	<.022	<.016	<.014	<.012	
03-29-2011	1008	--	--	--	--	--	--	--	--	--	
04-27-2011	0850	<.005	<.008	<.014	<.006	<.010	<.022	<.016	<.014	<.012	
06-20-2011	1328	<.005	<.008	<.014	<.006	<.010	<.022	<.016	<.014	<.012	
06-21-2011	1310	<.005	<.008	<.014	<.006	<.010	<.022	<.016	<.014	<.012	
07-12-2011	0900	<.005	<.008	<.014	<.006	<.010	<.022	<.016	<.014	<.012	
07-26-2011	0840	<.005	<.008	<.014	<.006	<.010	<.022	<.016	<.014	<.012	
07-26-2011	0843	.130	.130	E .077	E .201	E .059	E .130	.148	.182	E .149	
08-09-2011	0840	<.005	<.008	<.014	<.006	<.010	<.022	<.016	<.014	<.012	
08-24-2011	0830	<.005	<.008	<.014	<.006	<.010	<.022	<.016	<.014	<.012	
08-24-2011	0840	<.005	<.008	<.014	<.006	<.010	<.022	<.016	<.014	<.012	
09-07-2011	0840	<.005	<.008	<.014	<.006	<.010	<.022	<.016	<.014	<.012	
09-20-2011	0850	<.005	<.008	<.014	<.006	<.010	<.022	<.016	<.014	<.012	

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 17 of 20

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °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	Methyl parathion, water, Methyl paraoxon, water, filtered, recoverable, µg/L (61664)				Molinate, water, Metolabuzin, water, filtered, recoverable, µg/L (39415)				Pendi-methalin, water, Myclobutanil, water, filtered, recoverable, µg/L (61599)				Phorate oxygen analog, water, filtered, recoverable, µg/L (61666)	
		Methyl paraoxon, water, glass fiber filter), recover- able, µg/L (82667)	Metola- chlor, water, filtered, recover- able, µg/L (82630)	Metri- buzin, water, filtered, recover- able, µg/L (82671)	Myclo- butanil, water, filtered, recover- able, µg/L (61600)	Oxy- fluorfen, water, filtered, recover- able, µg/L (82683)	Pendi- methalin, water, glass fiber filter), recover- able, µg/L (61666)								
11-30-2010	0910	<.01	<.008	<.020	<.012	<.004	<.010	<.006	<.012	<.03					
12-30-2010	0810	<.01	<.008	<.020	<.012	<.004	<.010	<.006	<.012	<.03					
01-20-2011	0900	<.01	<.008	<.020	<.012	<.004	<.010	<.006	<.012	<.03					
02-23-2011	0830	<.01	<.008	<.020	<.012	<.004	<.010	<.006	<.012	<.03					
03-29-2011	1008	--	--	--	--	--	--	--	--	--					
04-27-2011	0850	<.01	<.008	<.020	<.012	<.004	<.010	<.006	<.012	<.03					
06-20-2011	1328	<.01	<.008	<.020	<.012	<.004	<.010	<.006	<.012	<.03					
06-21-2011	1310	<.01	<.008	<.020	<.012	<.004	<.010	<.006	<.012	<.03					
07-12-2011	0900	<.01	<.008	<.020	<.012	<.004	<.010	<.006	<.012	<.03					
07-26-2011	0840	<.01	<.008	<.020	<.012	<.004	<.010	<.006	<.012	<.03					
07-26-2011	0843	E .09	.153	.192	E .155	.151	.146	.107	.166	E .13					
08-09-2011	0840	<.01	<.008	<.020	<.012	<.004	<.010	<.006	<.012	<.03					
08-24-2011	0830	<.01	<.008	<.020	<.012	<.004	<.010	<.006	<.012	<.03					
08-24-2011	0840	<.01	<.008	<.020	<.012	<.004	<.010	<.006	<.012	<.03					
09-07-2011	0840	<.01	<.008	<.020	<.012	<.004	<.010	<.006	.003	<.03					
09-20-2011	0850	<.01	<.008	<.020	<.012	<.004	<.010	<.006	<.012	<.03					

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 18 of 20

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °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	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82664)	Phosmet oxygen analog, water, filtered, recover- able, µg/L (61668)	Phosmet, water, filtered, recover- able, µg/L (61601)	Prometon, water, filtered, recover- able, µg/L (04037)	Prometryn, water, filtered, recover- able, µg/L (04036)	(0.7 micron glass fiber filter), recover- able, µg/L (82679)	(0.7 micron glass fiber filter), recover- able, µg/L (82685)	Propanil, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82676)	Propargite, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (04035)	Propyz- amide, water, filtered Simazine, water, filtered, recover- able, µg/L
		(82664)	(61668)	(61601)	(04037)	(04036)	(82679)	(82685)	(82676)	(04035)	
11-30-2010	0910	<.020	<.05	<.140	<.012	<.006	<.010	<.02	<.004	<.006	
12-30-2010	0810	<.020	<.05	<.140	<.012	<.006	<.010	<.02	<.004	<.006	
01-20-2011	0900	<.020	<.05	<.140	<.012	<.006	<.010	<.02	<.004	<.006	
02-23-2011	0830	<.020	<.05	<.140	<.013	<.006	<.010	<.02	<.004	<.006	
03-29-2011	1008	--	--	--	--	--	--	--	--	--	
04-27-2011	0850	<.020	<.05	<.140	<.012	<.006	<.010	<.02	<.004	<.006	
06-20-2011	1328	<.020	<.05	<.140	<.012	<.006	<.010	<.02	<.004	<.006	
06-21-2011	1310	<.020	<.05	<.140	<.012	<.006	<.010	<.02	<.004	<.006	
07-12-2011	0900	<.020	<.05	<.140	<.012	<.006	<.010	<.02	<.004	<.006	
07-26-2011	0840	<.020	<.05	<.140	<.012	<.006	<.010	<.02	<.004	<.006	
07-26-2011	0843	E .099	<.05	<.140	.172	E .187	E .212	.21	.153	.174	
08-09-2011	0840	<.020	<.05	<.140	<.012	<.006	<.010	<.02	<.004	<.006	
08-24-2011	0830	<.020	<.05	<.140	<.012	<.006	<.010	<.02	<.004	<.006	
08-24-2011	0840	<.020	<.05	<.140	<.012	<.006	<.010	<.02	<.004	<.006	
09-07-2011	0840	<.020	<.05	<.140	<.012	<.006	<.010	<.02	<.004	<.006	
09-20-2011	0850	<.020	<.05	<.140	<.012	<.006	<.010	<.02	<.004	<.006	

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 19 of 20

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °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, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82670)	Tefluthrin, water, filtered, recover- able, µg/L (61606)	Terbufos oxygen analog water, filtered, recover- able, µg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82675)	Terbutyl- azine, water, filtered, recover- able, µg/L (04022)	Thioben-carb, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82681)	Propicon- azole, water, filtered, recover- able, µg/L (79847)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (61610)	Trubuphos, water, filtered, recover- able, µg/L (82661)
11-30-2010	0910	<.03	<.010	<.04	<.02	<.01	<.016	<.01	<.018	<.018
12-30-2010	0810	<.03	<.010	<.04	<.02	<.01	<.016	<.01	<.018	<.018
01-20-2011	0900	<.03	<.010	<.04	<.02	<.01	<.016	<.01	<.018	<.018
02-23-2011	0830	<.03	<.010	<.04	<.02	<.01	<.016	<.01	<.018	<.018
03-29-2011	1008	--	--	--	--	--	--	--	--	--
04-27-2011	0850	<.03	<.010	<.04	<.02	<.01	<.016	<.01	<.018	<.018
06-20-2011	1328	<.03	<.010	<.04	<.02	<.01	<.016	<.01	<.018	<.018
06-21-2011	1310	<.03	<.010	<.04	<.02	<.01	<.016	<.01	<.018	<.018
07-12-2011	0900	<.03	<.010	<.04	<.02	<.01	<.016	<.01	<.018	<.018
07-26-2011	0840	<.03	<.010	<.04	<.02	<.01	<.016	<.01	<.018	<.018
07-26-2011	0843	E .24	E .098	E .12	.13	.16	.173	E .13	E .124	.126
08-09-2011	0840	<.03	<.010	<.04	<.02	<.01	<.016	<.01	<.018	<.018
08-24-2011	0830	<.03	<.010	<.04	<.02	<.01	<.016	<.01	<.018	<.018
08-24-2011	0840	<.03	<.010	<.04	<.02	<.01	<.016	<.01	<.018	<.018
09-07-2011	0840	<.03	<.010	<.04	<.02	<.01	<.016	<.01	<.018	<.018
09-20-2011	0850	<.03	<.010	<.04	<.02	<.01	<.016	<.01	<.018	<.018

08475000 Rio Grande near Brownsville, TX—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 20 of 20

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mL, milliliters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °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	Organic carbon, suspended sediment, total, mg/L (00689)		Organic carbon, water, filtered, meter) (00681)	Specific UV Absorbanc e, 254 nm, water, filtered, 1 cm path length, calculated , liter per (milligram of dissolved organic carbon * (63162)	Lot number, first, inorganic- grade water, number (99200)	Lot number, first, organic- grade water, number (99202)	Lot number, Capsule Filter (99206)
		Organic carbon, suspended sediment, total, mg/L (00689)	Organic carbon, water, filtered, meter) (00681)					
11-30-2010	0910	4.29	3.4	2.4	--	--	--	10904
12-30-2010	0810	2.80	3.3	2.2	--	--	--	10904
01-20-2011	0900	3.42	3.4	2.3	--	--	--	10904
02-23-2011	0830	3.15	3.4	2.1	--	--	--	10904
03-29-2011	1008	--	--	--	81003	--	--	10904
04-27-2011	0850	3.61	3.2	2.3	--	--	--	10904
06-20-2011	1328	--	--	--	--	81004	10904	10904
06-21-2011	1310	5.62	3.4	2.1	--	81004	10904	10904
07-12-2011	0900	6.12	3.9	2.1	--	--	--	10904
07-26-2011	0840	4.40	3.7	1.9	--	81004	10904	10904
07-26-2011	0843	--	--	--	--	81004	10904	10904
08-09-2011	0840	7.36	3.9	1.9	--	81004	10904	10904
08-24-2011	0830	3.50	3.7	2.0	--	81004	10904	10904
08-24-2011	0840	3.10	12.2	.6	--	81004	10904	10904
09-07-2011	0840	3.40	3.8	1.9	--	81004	10904	10904
09-20-2011	0850	3.21	4.0	1.8	--	50193	--	