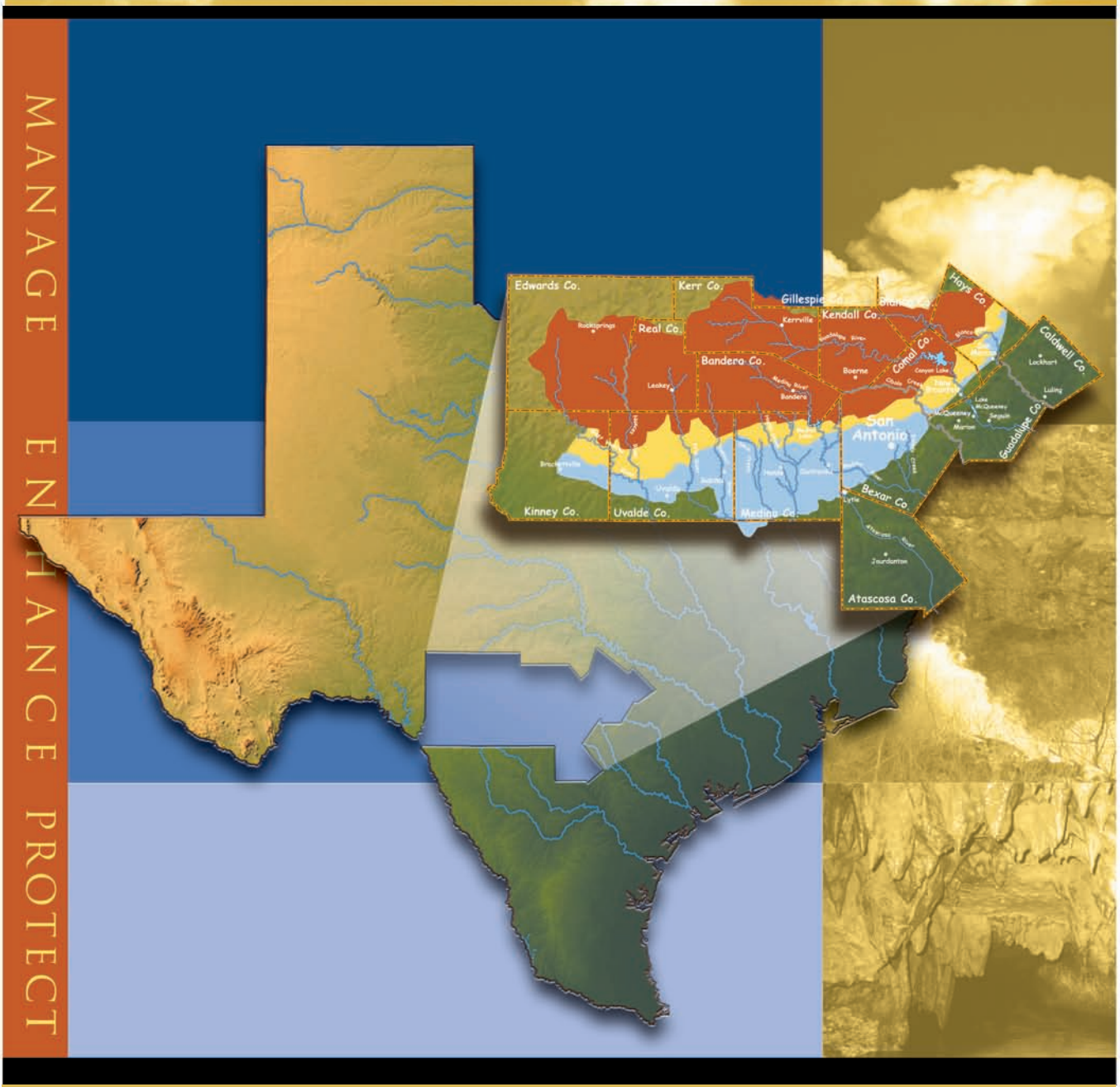
Edwards Aquifer Authority
Hydrologic Data Report for 2009



December 2010

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EDWARDS AQUIFER
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EDWARDS AQUIFER AUTHORITY HYDROLOGIC DATA REPORT FOR 2009

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SUMMARY

This report presents results of the Authority's Edwards Aquifer Data Collection Program for calendar year 2009. During 2009, the Authority collected a wide variety of data regarding the Edwards Aquifer, including

- Groundwater level data;
- Precipitation measurement data;
- Groundwater recharge data;
- Groundwater discharge and usage data;
- Water quality data from groundwater, surface water, and springs; and
- Data relating to significant events affecting the Edwards Aquifer in calendar year 2009.

Groundwater Level Data (p. 8–13)

Water levels at the Bexar County (J-17) index well trended downward from January through early September, when rains began and water levels began to rise. By late October, water levels at J-17 had risen to the historical average. Water levels remained above or close to the historical average for the remainder of the year.

Other wells in the region exhibited similar behavior. In 2009 aquifer (groundwater) levels continued to show the stresses associated with drought conditions that had begun in the fall of 2007 and continued until September of 2009. In general, water levels began to rebound in September of 2009 across the region. The rebound was less pronounced in Uvalde County than in other counties (see hydrograph of Uvalde County index well J-27 in Appendix B).

Precipitation Measurement Data (p. 14–22)

Precipitation in the Edwards Aquifer region was below the mean in 2009, with the exception of San Antonio, where the mean was exceeded by 0.38 inches. Although rainfall amounts improved in 2009 over calendar year 2008, regionally they were much lower in the west than in the east. For example, Brackettville recorded only 14.26 inches of precipitation (historical mean of 21.86 inches), whereas San Marcos recorded 33.10 inches of rainfall compared with a mean of 34.28 inches.

Groundwater Recharge Data (p. 23–31)

Total estimated recharge to the Edwards Aquifer was significantly below median at 210,900 acre-feet, compared with the period of record (1934–2009) median annual recharge value of 559,400 acre-feet. Calendar year 2009 recharge was lower than 2008 recharge by 2,000 acre-feet. The lowest annual recharge to the aquifer was 43,700 acre-feet in 1956, and the highest annual recharge to the aquifer was 2,486,000 acre-feet in 1992. Compared with recharge for the period of record, recharge in 2009 was below the period-of-record median value for all eight basins for which the USGS estimates that recharge is contributed to the Edwards Aquifer.

Groundwater Discharge and Usage Data (p. 32–42)

In calendar year 2009, groundwater discharge from the Edwards Aquifer through wells and springs totaled 683,765 acre-feet. This amount is below the median total discharge of 766,600 acre-feet for the period of record (1934–2009). The lowest total annual discharge through wells and springs was 388,800 acre-feet in 1955, and the highest total annual discharge was 1,130,000 acre-feet in 1992.

Discharge from wells in 2009 was estimated to be 395,790 acre-feet, or approximately 22 percent above the 324,200 acre-foot period of record median (1934–2009). The lowest annual estimated discharge from wells for the period of record (1934–2009) was 101,900 acre-feet in 1934, and the highest was 542,400 acre-feet in 1989.

Discharge from springs in 2009 was estimated to be 287,975 acre-feet, well below the period of record median of 384,200 acre-feet. The lowest annual discharge from springs for the period of record (1934–2009) was 69,800 acre-feet in 1956, and the highest was 802,800 acre-feet in 1992.

Water Quality Data from Groundwater, Surface Water, and Springs (p. 43–58)

In 2009, the Authority collected water quality samples from 81 wells, ten streams, and six spring groups. In

2009, most wells were sampled once, streams were generally sampled twice, and major spring groups were sampled quarterly to monthly, depending on springflow. Fort Clark and Sink springs were sampled only once. Water samples from most sampling events were analyzed for major ions, metals, TDS, hardness, and nutrients. Water samples from 78 wells and six spring groups and two surface water sites were also analyzed for VOCs. Water samples from one well, four spring groups, and one surface water site were also analyzed for SVOCs. Water Samples collected from 59 wells, ten stream locations, and five spring groups were analyzed for pesticides, herbicides, and PCBs.

Concentrations of major ions are relatively uniform throughout the freshwater parts of the Edwards Aquifer, which consistently yield very hard calcium bicarbonate water, with low TDS and few detectable metals. The saline-water part of the aquifer (saline zone) contains water with more than 1,000 mg/L of TDS, which is largely made up of major anions and cations. In addition, samples from the saline zone commonly contain detectable levels of regulated metals, such as strontium, normally at concentrations of less than their respective MCLs. However, concentrations of regulated metals above regulatory limits are not uncommon in the saline zone. Like groundwater from the freshwater part of the aquifer, water from streams and springs also contains low concentrations of TDS and few detectable metals.

For well-water samples collected in 2009, strontium was detected at one location in close proximity to the saline zone above the 15,000-µg/L PCL. Other metals detected include iron at two locations above the secondary standard and manganese at one location above the secondary standard. Surface and spring water sample analyses did not indicate the presence of any regulated metals above a regulatory limit.

Also for samples collected in 2009, (non-chlorinated) groundwater bacteria from wells ranged from less than one CFU/100 mL to nine CFU/100 mL for fecal coliform, and from less than one to 180 CFU/100 mL for fecal streptococcus. Seven of 74 wells tested positive for fecal coliform, and ten of 74 wells sampled tested positive for fecal streptococcus. Surface water bacteria ranged from 12 CFU/100 mL to 15,000 CFU/100 mL for fecal coliform, and from 40 CFU/100 mL through 79,000 CFU/100 mL for fecal streptococcus. All surface water samples were positive for fecal coliform and fecal streptococcus. Spring water samples for bacteria ranged from less than one to 1,700 CFU/100 mL for fecal coliform, and from less than one to 420 CFU/100 mL for fecal streptococcus. Of the 54 spring water samples, 24 were positive for fecal coliform, and 29 for fecal streptococcus.

In samples from wells, streams, and springs in the Edwards Aquifer region, nitrate-nitrite as nitrogen concentrations in 2009 ranged from below the laboratory reporting limit of 0.015 to 6.03 mg/L. Well-water samples showed the greatest variation, ranging from below the laboratory reporting limit to 6.03 mg/L, with 16 of the 79 wells sampled testing positive for nitrate at or above 2.0 mg/L. Surface water samples ranged from less than 0.015 to 3.7 mg/L, whereas spring water samples ranged from less than 0.015 to 5.15 mg/L (nitrate as nitrogen). Of the ten surface water sites, only one indicated nitrates above 2.0 mg/L, whereas of the 54 total spring water samples collected, ten tested positive at a concentration at or above 2.0 mg/L for nitrates. None of the samples collected exceeded the MCL of ten mg/L of nitrate as nitrogen.

In 2009, 78 wells, two surface water sites, and six spring groups were analyzed for VOCs. The compounds chloroform, chloromethane, and toluene were detected below regulatory limits in wells in Medina, Bexar, and Hays counties. VOCs were not detected in the spring or in surface water samples collected for VOC analyses.

In 2009, one well and four spring groups were sampled for SVOCs. No SVOCs were detected.

In 2009, samples from 59 wells, ten streams, and five spring groups were analyzed for herbicides, pesticides, and PCBs. The pesticide compound pentachlorophenol was detected at San Geronimo Creek at 0.25 µg/L.

Edwards Aquifer water is generally of such high quality that it normally requires only chlorination to meet public drinking-water standards. However, detection of nitrates and organic compounds in the aquifer is a concern, and the Authority will continue to monitor for these compounds to determine possible sources and trends.

Nitrate as nitrogen is a naturally occurring compound; however, concentrations above 2.0 mg/L may indicate anthropogenic impacts. Well samples had the highest concentrations, with 16 of 79 wells sampled testing positive for nitrate-nitrite at 2.0 mg/L or higher. One of the 79 wells had nitrate-nitrite concentrations above 5.0 mg/L; the MCL for nitrate-nitrite is ten mg/L.

Confirmed detections of anthropogenic compounds such as pentachlorophenol at San Geronimo Creek and toluene, chloroform, and chloromethane in wells are a concern and warrant continued monitoring in the future. The Authority's aquiferwide, water-quality sampling program will continue to monitor wells, streams, and springs for indications of water-quality impacts throughout the region. Focused investigations of areas with water quality impacts will be initiated as needed.

Significant Events Affecting the Edwards Aquifer in Calendar Year 2009 (p. 59–62)

Continued drought conditions that began in the fall of 2007 resulted in declining water levels and springflows in the Edwards Aquifer throughout most of 2009. Weather patterns began to change in September, resulting in significant rainfall for most of the region during this time. Aquifer levels began to rise with the rainfall events; however, western portions of the region received lower rainfall amounts than eastern portions of the region.

INTRODUCTION

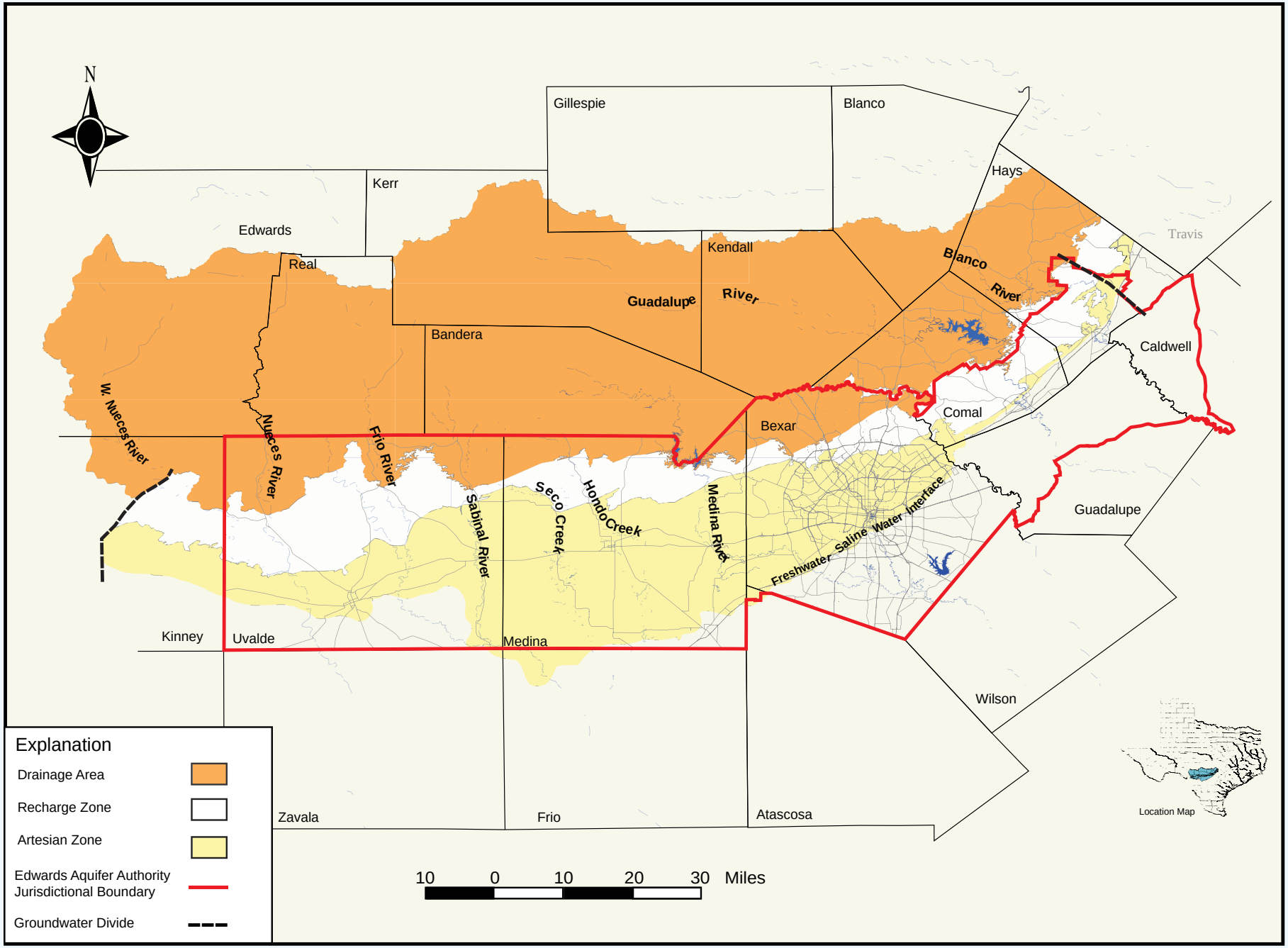
The Balcones Fault Zone Edwards Aquifer in south central Texas is one of the most permeable and productive aquifers in the United States. The San Antonio segment of the aquifer, which is the subject of this report, extends from the groundwater divide east of Brackettville in Kinney County, east to the city of San Antonio in Bexar County, then northeast to the groundwater divide near Kyle in Hays County—a distance of approximately 180 miles (Figure 1). The aquifer is the primary source of water for almost two million people in the region (http://quickfacts.census.gov/qfd/) and also provides most of the water for agriculture and industry. In addition, the aquifer discharges through a series of large springs that provide aquatic habitat for a number of threatened and endangered species. Springflow also provides a significant portion of water for downstream interests in the Guadalupe River Basin.

The Edwards Aquifer Authority (the Authority) was created by the Texas Legislature in 1993 to succeed the Edwards Underground Water District (EUWD) as a special regional water management district for the San Antonio segment of the Edwards Aquifer. The Authority's jurisdictional area encompasses all or parts of Uvalde, Medina, Atascosa, Bexar, Comal, Guadalupe, Hays, and Caldwell counties (Figure 1). The Authority is governed by a 17-member board of directors, with voting members elected to represent 15 districts across the Authority's region and two nonvoting members appointed by other entities. Directors represent agricultural, industrial, domestic, municipal, spring, and downstream user groups. The Legislature also created the South Central Texas Water Advisory Committee (SCTWAC) to interact with the Authority when issues that could impact downstream water rights are being considered.

The Legislature mandated that the Authority take all necessary measures to effectively manage the resource to ensure domestic and municipal water supplies, to provide water supplies for agriculture and industry, to protect terrestrial and aquatic habitat, and to sustain the economic development of the region. To accomplish these goals, the Authority is vested with all of the "powers, rights, and privileges necessary to manage, conserve, preserve, and protect the aquifer, and to increase the recharge of, and prevent the waste or pollution of water in, the aquifer." [From the Edwards Aquifer Authority Act, as amended. The act is available in pdf format at www.edwardsaquifer.org.]

This report presents results of the Authority's Edwards Aquifer data collection program for calendar year 2009. The Authority and cooperating agencies collected a wide variety of data regarding the Edwards Aquifer, including aquifer levels, precipitation measurements, recharge estimates, groundwater discharge and use, and water quality samples. In addition, the report contains historical aquifer recharge and discharge data for the period of record (1934–2009). Each type of data that was collected is described, and a summary of the 2009 data was provided. Later sections contain definitions and references.

Figure 1. San Antonio Segment of the Balcones Fault Zone, Edwards Aquifer, and Other Physiographic Features in the Region



HYDROGEOLOGY OF THE EDWARDS AQUIFER

The San Antonio segment of the Balcones Fault Zone Edwards Aquifer in south central Texas is one of the largest and most important karst aquifer systems in the United States. The aquifer extends through parts of Kinney, Uvalde, Zavala, Medina, Frio, Atascosa, Bexar, Comal, Guadalupe, and Hays counties and covers an area approximately 180 miles long and five to 40 miles wide. The aquifer is the primary water source for much of this area, including the City of San Antonio and surrounding communities. Historically the cities of Uvalde, San Antonio, New Braunfels, and San Marcos were founded around large springs that discharge from the aquifer. As the region grew, wells were drilled into the aquifer to supplement water supplied by the springs. In addition, the Edwards Aquifer is the principal source of water for agriculture and industry in the region and provides springflow required for endangered species habitat, as well as recreational purposes and downstream uses in the Nueces, San Antonio, Guadalupe, and San Marcos river basins. The Edwards Aquifer transitions from freshwater to saline water along the southern end of the artesian zone, as shown in Figure 1.

The Edwards Aquifer is contained within the Cretaceous-age Edwards Group limestone (Edwards Limestone) and associated units. The Edwards Limestone is generally capped by the Del Rio Clay and overlies the Upper Glen Rose Formation (upper unit of the Trinity Aquifer). The Edwards Limestone forms the top of the Edwards Plateau within the drainage area of the aquifer. However, the Edwards Limestone is missing from the south and east flanks of the plateau as a result of erosion along the Balcones Escarpment. Normal faulting, associated with the Balcones Fault Zone, has downfaulted the geologic units in this area, resulting in the formation of the Texas Hill Country by erosion across the fault scarps. Generally, from northwest to southeast across this region, the Edwards Limestone is exposed along much of the plateau area until reaching the Hill Country, where the older Glen Rose Formation is exposed throughout. Moving farther south and east, the Edwards Limestone is again present and exposed at the surface. This surface exposure is the recharge zone of the Edwards Aquifer. Farther south and east, downfaulting has dropped the Edwards Limestone even farther below the surface in the artesian zone of the Edwards Aquifer. Here the Edwards Aquifer produces freshwater from depths as great as 4,000 ft below the surface. The southern boundary of the artesian zone (Figure 1) marks the aquifer's transition from freshwater to saline water.

Water circulates through the Edwards Aquifer as part of the hydrologic cycle from recharge areas to discharge points (springs and wells). Approximately 1,250 square miles of Edwards Limestone is exposed at the ground surface and composes the recharge zone where water enters the aquifer. Streams flow south or east from the drainage area (the Texas Hill Country) and lose all or most of their baseflow as they cross the recharge zone. In addition, part of the rain that falls directly on the recharge zone also enters the aquifer. Groundwater moves through the aquifer and ultimately discharges from a number of locations, such as Leona Springs in Uvalde County, San Pedro and San Antonio springs in Bexar County, Hueco and Comal springs in Comal County, and San Marcos Springs in Hays County. In addition, domestic, livestock, municipal, agricultural, and industrial wells throughout the region withdraw water from the aquifer. The residence time of water in the aquifer ranges from a few hours or days to many years, depending on depth of circulation, location, and other aquifer parameters.

The Edwards Aquifer is a karst aquifer, characterized by the presence of sinkholes, sinking streams, caves, large springs, and a well-integrated subsurface drainage system. Within the artesian zone, it is one of the most productive groundwater systems in the United States, characterized by extremely high capacity water wells and high spring discharges. The aquifer exhibits extremely high (cavernous) porosity and permeability, characteristic of many karst aquifers. In contrast, aquifers that occur in sand and gravel or in other rock types, such as sandstone, have a much lower permeability. Because the Edwards Aquifer is known for having areas of high permeability, it allows the transmission of large volumes of water, enabling groundwater levels to respond quickly to rainfall (recharge) events.

Historically, water quality in the Edwards Aquifer has been protected by its great depth below population centers and undeveloped land in the recharge zone and drainage area. However, there are potential threats to the quality of water in the aquifer from various sources, including the transport and use of hazardous substances and other chemicals on the recharge zone, abandoned or poorly completed water wells, and urban nonpoint runoff. The high porosity and permeability of the Edwards Aquifer allow inflow of contaminants from the ground surface with little or no filtration.

GROUNDWATER LEVELS

The Authority currently maintains a groundwater level monitoring network that stretches from eastern Kinney County to central Hays County. Figures 2a–c indicate locations of the Authority's observation well network within the Edwards Aquifer region. The water level observation network includes both recharge (unconfined) and artesian (confined) zones of the Edwards Aquifer and wells within the Trinity and Leona Gravel aquifers. Water levels are monitored through periodic manual measurements (tape down) and electronic data loggers. All water level measurements are recorded in feet above mean sea level (msl). Many of the wells have at least partial historical records dating back to the 1930s. Water levels were measured manually until the United States Geological Survey (USGS) introduced continuous water level recorders in some of the observation wells in the 1930s. In more recent years, electronic data loggers, installed and maintained by the Authority, have replaced older style recorders.

In 2009, the Authority's Water Level Data Collection Program consisted of 52 electronic data logger-equipped observation wells and 16 periodically manually measured observation wells. The recorders measure water levels at 15-minute intervals using a float device or a pressure transducer. Data are recorded by equipment at the site and then downloaded during site visits or by modem. The electronic data loggers are calibrated during each download using a steel tape to ensure data accuracy. To augment the water level observation network, Authority staff measure water levels at 16 observation wells monthly. Each year authority staff also measure approximately 150 to 170 additional wells under a regional synoptic water level monitoring program. In 2006 a focused synoptic water level program was begun in Comal and Hays counties to better explain aquifer behavior in this area. These periodic measurements are made manually using steel-tape and electric-line measuring devices. Water level data collected by the Authority are forwarded to interested federal, state, and regional agencies.

The Authority and its predecessor, the EUWD, have also collected water level data from the Trinity Aquifer in northern Bexar County since 1991 and the Leona Aquifer in southern Uvalde County since 1966. Water level monitoring of the Edwards Aquifer and associated hydrogeologic units adds to the base of scientific knowledge and helps in management of this regional water resource.

Historical water level trends, precipitation measurements, and discharges from springs and wells are used as a basis for projections of future aquifer level and spring-discharge trends. Rising water levels generally indicate that the amount of water recharging the aquifer is greater than the amount being discharged through springs and wells. During droughts or when there is a high demand for water, aquifer water levels and springflows generally decline, indicating greater groundwater discharge than groundwater recharge. Table 1 lists the annual records of high and low water levels measured in five selected Edwards Aquifer observation wells across the region. Table 1 also lists the numerical mean of water levels for the period of record. The term *mean* is used in place of the term *average* throughout this report.

For the period of record, water levels are typically highest in the spring and then decline during the summer before rebounding in the fall and winter. During 2009, water levels across the region were generally below the historical mean value. As indicated in Figure 3, for calendar year 2009 Bexar County index well J-17 (AY-68-37-203) was significantly below the mean historical value most of the year (from mid-January to late October). Maximum and minimum water levels at J-17 for 2009 were 671.2 and 640.3 feet above msl, respectively. The minimum value was recorded in July, whereas the maximum for 2009 was recorded in December. The highest water level on record at J-17 is 703.3 feet above msl, which occurred in June of 1992, whereas the lowest was 612.5 feet above msl, which occurred in August of 1956. Other observation wells across the region exhibited behavior similar to that of J-17, with water levels generally below mean values because of continuation of drought conditions through most of 2009. Tables A-1 through A-6 in Appendix A provide a summary of 2009 water levels for selected observation wells.

(continued on page 13)

Figure 2a. Year 2009 Edwards Aquifer Authority Water Level Observation Network—Kinney, Uvalde, and Medina Counties

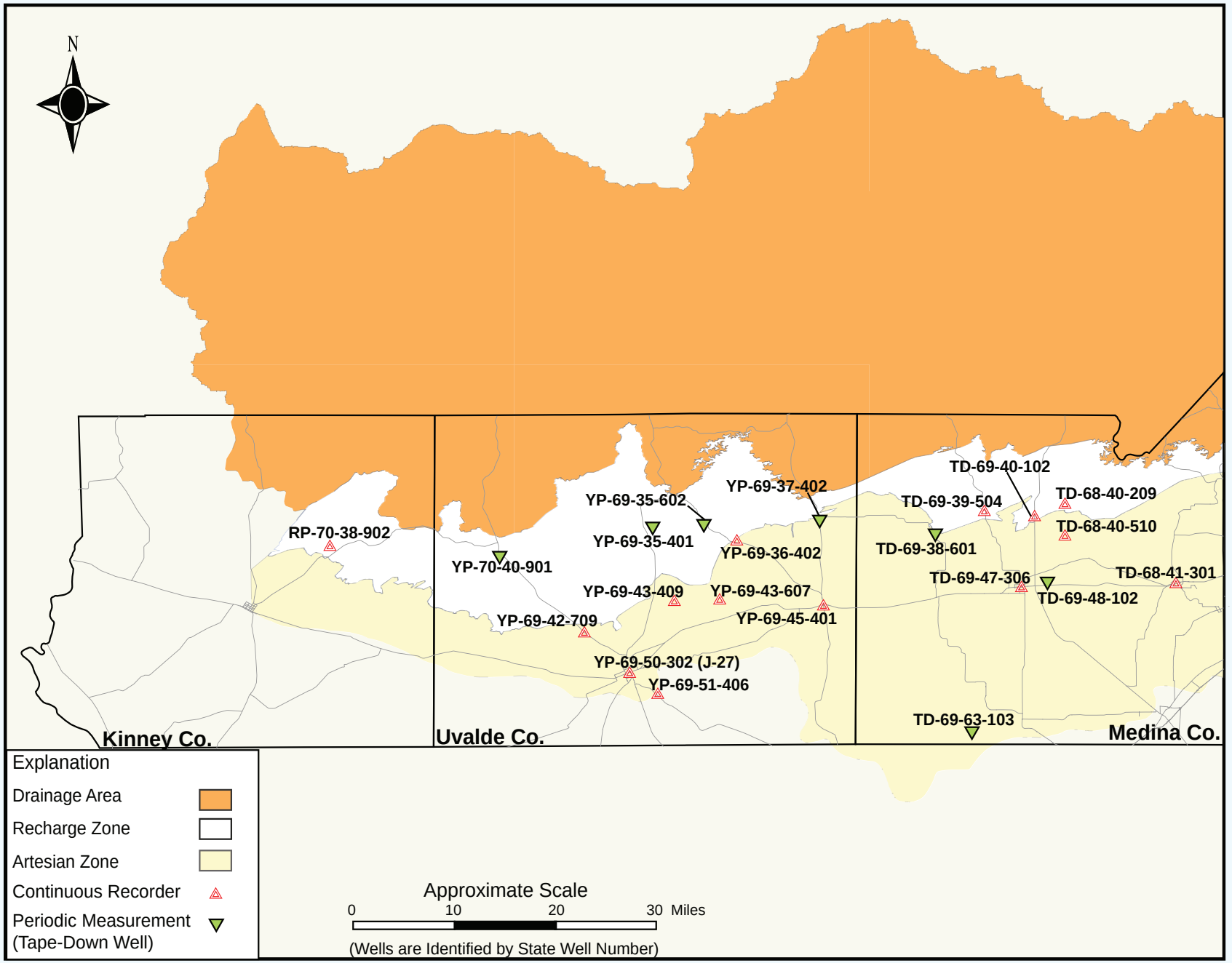


Figure 2b. Year 2009 Edwards Aquifer Authority Water Level Observation Network—Bexar County

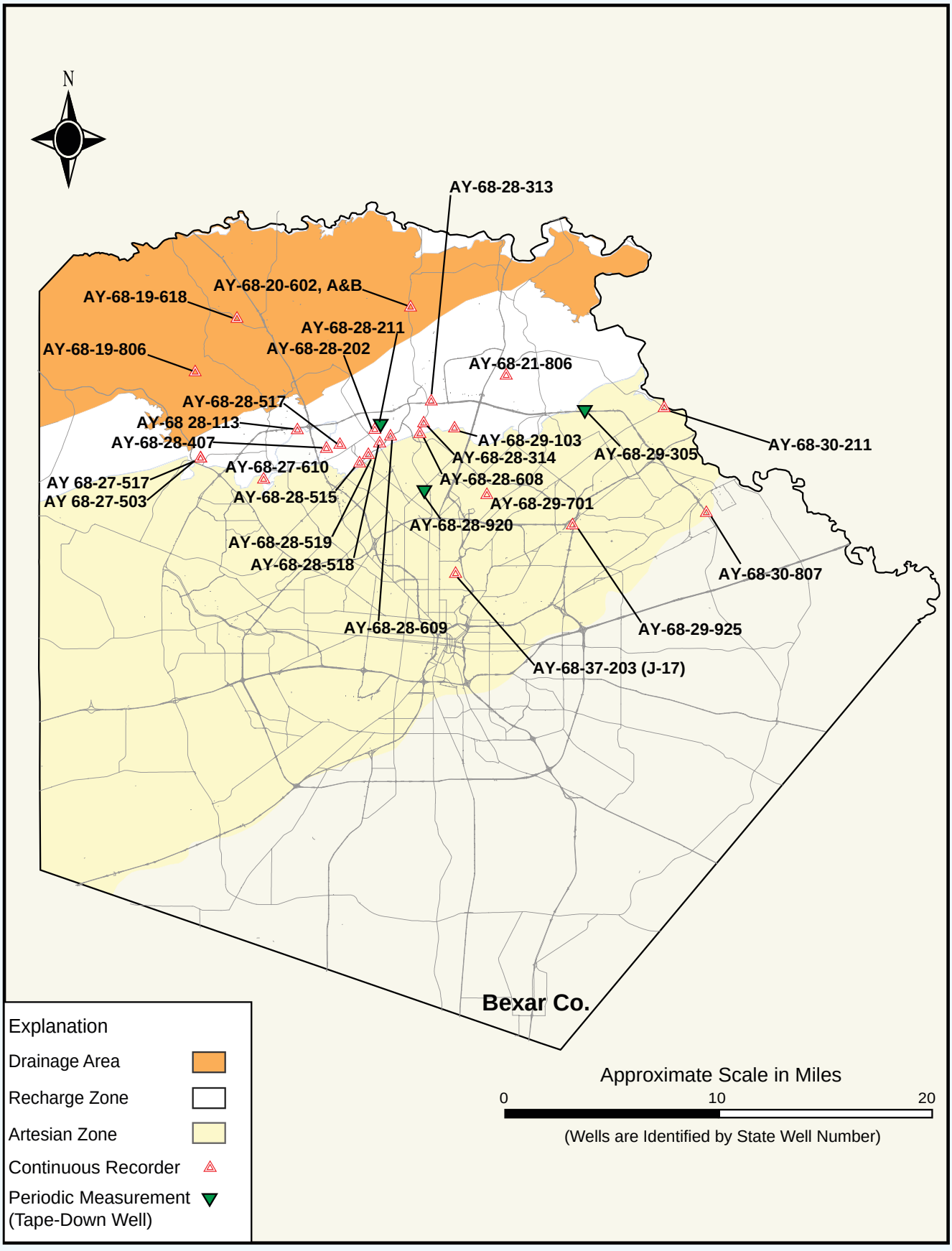


Figure 2c. Year 2009 Edwards Aquifer Authority Water Level Observation Network—Comal and Hays Counties

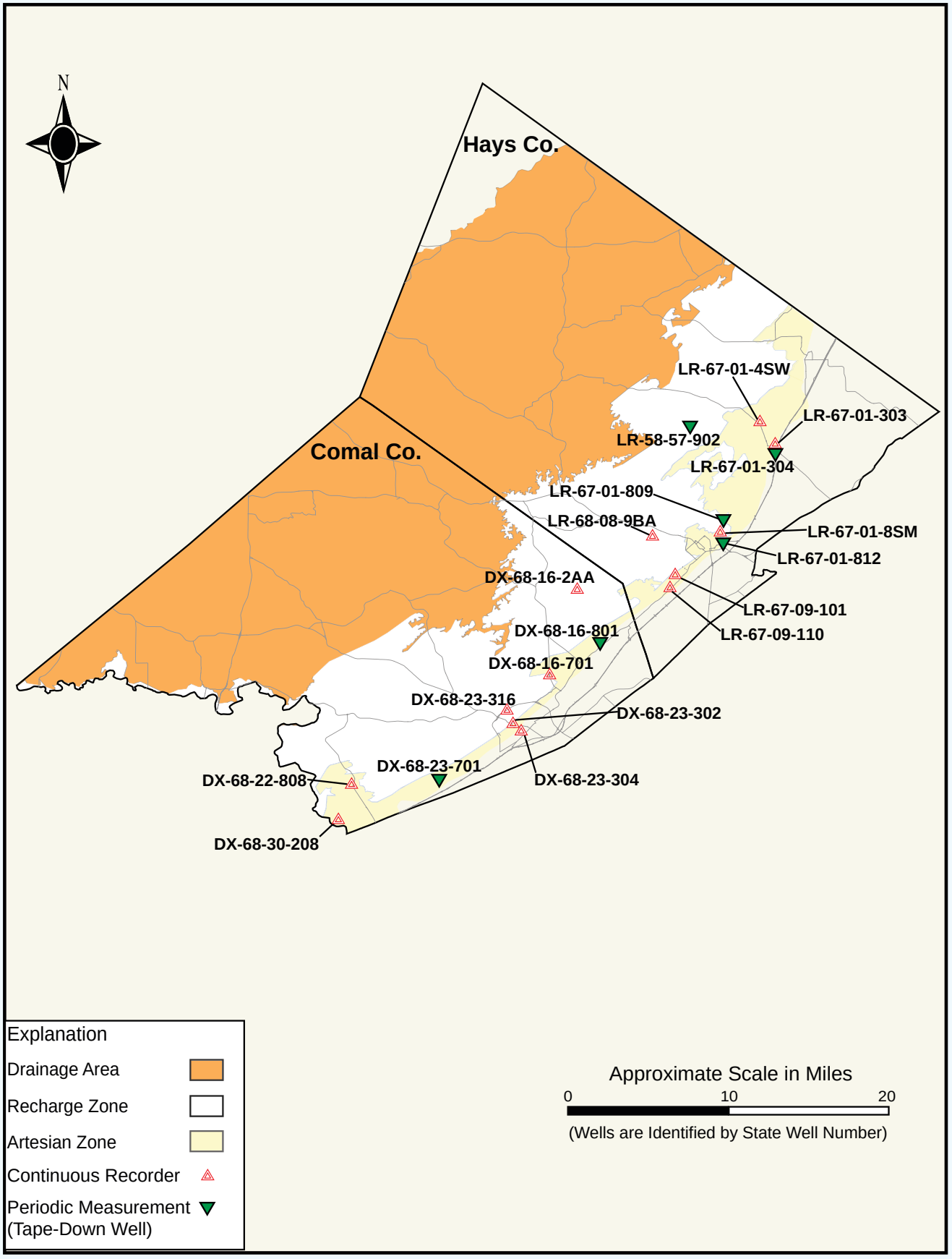


Table 1. Highest and Lowest Recorded Water Levels for Selected Observation Wells in the San Antonio Segment of the Edwards Aquifer, 1934–2009 (measured in feet above msl).

	City of Uvalde Uvalde County YP-69-50-302[a] (J-27)		Castroville Medina County TD-68-41-301[b]		San Antonio Bexar County AY-68-37-203[c] (J-17)		New Braunfels Comal County DX-68-23-302[d]		Kyle Well Hays County LR-67-01-304[e]	
Year	High	Low	High	Low	High	Low	High	Low	High	Low
1934	----	----	----	----	675.2	666.8	----	----	----	----
1935	----	----	----	----	681.3	666.8	----	----	----	----
1936	876.6	876.5	----	----	683.0	676.6	----	----	----	----
1937	878.1	877.1	----	----	682.1	674.9	----	----	583.4	581.6
1938	875.8	874.0	----	----	681.4	673.6	----	----	590.6	581.5
1939	873.4	869.6	----	----	674.1	665.7	----	----	580.6	569.6
1940	872.3	868.5	----	----	671.4	661.0	----	----	572.2	568.7
1941	875.7	867.7	----	----	682.5	668.3	----	----	587.7	578.6
1942	875.8	871.9	----	----	685.4	669.7	----	----	580.8	573.7
1943	874.5	868.0	----	----	679.6	668.5	----	----	578.2	574.6
1944	869.3	866.8	----	----	677.6	667.1	----	----	580.5	579.3
1945	870.1	865.2	----	----	681.9	668.8	----	----	----	----
1946	867.1	862.9	----	----	681.2	663.6	----	----	----	----
1947	870.7	867.1	----	----	680.7	665.8	----	----	577.3	577.0
1948	868.4	860.5	----	----	667.7	653.7	624.4	624.3	560.5	559.4
1949	871.2	859.1	----	----	671.6	655.6	626.7	624.1	562.3	561.8
1950	871.2	861.8	687.0	674.9	665.4	653.8	625.2	624.0	575.8	575.2
1951	861.8	846.8	675.2	659.9	656.0	640.6	624.2	622.5	575.3	569.4
1952	846.8	834.9	663.8	649.9	650.5	633.4	623.0	621.5	573.0	569.1
1953	835.2	817.8	665.1	647.7	651.5	630.5	623.6	621.1	584.5	573.2
1954	836.7	823.1	660.3	642.4	646.3	628.9	623.1	620.5	581.8	562.8
1955	834.3	824.1	649.1	635.6	638.5	624.2	621.9	619.8	575.7	558.4
1956	834.2	814.2	641.6	622.3	632.2	612.5	621.0	613.3	569.8	542.2
1957	840.9	811.0	666.1	633.0	653.8	624.4	624.7	620.1	584.9	568.3
1958	866.1	840.8	704.4	665.7	679.6	653.3	626.6	624.6	593.6	580.8
1959	876.1	866.2	703.8	689.0	677.7	661.5	627.1	625.1	591.4	580.5
1960	876.9	873.1	706.3	686.0	679.4	657.9	627.1	624.9	589.4	584.3
1961	878.5	875.6	710.3	693.4	681.2	663.9	627.3	625.7	591.6	573.2
1962	878.3	867.7	703.6	676.3	675.5	646.9	626.3	623.2	584.1	565.0
1963	869.7	860.9	689.1	659.2	665.8	635.0	625.0	621.7	581.6	560.0
1964	860.9	849.0	676.3	654.8	657.1	632.8	624.1	621.6	578.2	562.8
1965	865.8	860.3	689.6	666.8	675.0	645.6	626.6	623.5	590.1	573.4
1966	867.2	860.2	686.1	665.0	668.8	642.7	625.9	623.1	589.0	566.6
1967	867.4	856.4	679.4	645.2	659.7	624.9	624.6	620.0	582.8	556.6
1968	873.3	864.8	702.0	679.2	678.3	655.9	627.2	624.6	593.8	574.4
1969	875.0	866.5	694.8	670.5	676.1	642.8	626.3	623.4	588.7	567.7
1970	876.1	871.3	700.7	678.8	677.1	650.4	627.2	624.3	593.2	575.0
1971	877.7	864.0	701.3	646.4	674.6	627.9	626.2	621.0	577.1	551.3
1972	877.8	874.6	704.6	676.7	679.0	651.2	626.7	624.1	579.7	576.3
1973	881.6	874.5	731.2	690.1	696.5	665.9	629.8	626.1	589.9	572.3
1974	881.4	876.0	723.8	696.0	689.2	660.9	629.1	625.8	593.6	558.5
1975	882.1	879.4	721.0	708.2	686.9	672.0	629.3	626.5	589.8	571.4
1976	884.9	876.0	732.4	694.9	693.1	663.8	629.4	625.8	584.6	571.2
1977	886.2	881.3	737.8	715.3	696.0	675.6	630.2	627.6	587.4	562.1
1978	882.6	875.6	722.4	681.7	684.1	650.1	628.1	624.5	572.0	540.4
1979	882.0	876.1	728.2	710.3	690.5	676.4	629.0	627.3	584.9	572.0
1980	879.1	868.0	716.1	666.8	680.3	640.8	627.5	623.0	572.0	551.8
1981	881.8	867.9	723.2	698.8	686.0	668.6	628.0	625.5	586.2	565.5
1982	881.8	876.4	717.1	682.8	680.5	645.3	627.3	623.6	584.7	544.7
1983	877.1	871.3	698.2	667.7	670.0	642.1	625.6	623.0	588.7	560.4
1984	873.3	856.9	684.5	642.0	657.0	623.3	624.4	619.6	582.5	544.3
1985	876.9	862.2	699.0	670.7	674.5	644.1	626.8	623.3	591.4	561.8
1986	877.8	872.2	704.6	674.2	685.6	649.8	627.7	624.1	595.0	576.3
1987	889.1	877.9	743.5	711.1	699.2	676.9	630.4	627.2	595.9	583.5
1988	887.0	878.0	725.3	679.9	684.9	647.7	627.9	623.9	593.2	585.9
1989	879.0	866.6	695.3	650.5	663.9	626.4	624.9	620.5	571.7	571.5
1990	872.9	861.6	679.5	640.8	658.1	622.7	624.3	620.3	577.6	561.2
1991	873.8	865.4	703.8	666.1	680.3	640.5	627.0	623.3	593.8	575.1
1992	885.2	872.9	743.6	704.3	703.3	680.7	630.9	627.0	595.4	586.2
1993	884.9	877.3	730.2	706.6	692.8	672.0	629.4	626.9	593.7	575.9
1994	----	----	718.6	684.1	679.2	652.1	627.2	624.7	575.0	545.3
1995	877.2	871.1	703.0	681.8	676.5	651.1	626.8	624.5	575.4	552.4
1996	874.2	859.0	693.0	650.2	664.9	627.5	625.3	621.2	573.2	551.3
1997	882.3	868.2	700.5	672.7	677.9	648.7	626.4	623.6	575.8	559.0
1998	880.6	868.7	717.1	669.1	688.9	640.0	629.6	622.9	575.6	552.4
1999	880.7	876.8	716.4	682.9	686.4	656.9	628.7	624.9	588.6	537.9
2000	878.3	868.0	700.4	662.5	676.7	635.5	626.8	622.2	549.2	544.6
2001	877.2	872.7	713.4	685.9	682.8	652.8	628.3	624.5	563.9	544.6
2002	883.2	876.3	732.7	685.8	697.9	650.0	630.2	624.6	589.3	554.4
2003	883.3	877.9	729.5	696.7	694.8	671.6	629.9	627.5	604.2	537.6
2004	884.9	879.2	740.9	706.3	702.1	677.6	632.6	627.4	609.5	542.6
2005	885.6	880.2	740.4	687.8	699.8	675.4	631.3	627.7	590.2	561.8
2006	879.3	868.6	689.7	675.1	678.1	647.6	627.7	623.8	603.4	513.7

(Table 1. continued)

	City of Uvalde Uvalde County YP-69-50-302[a] (J-27)		Castroville Medina County TD-68-41-301[b]		San Antonio Bexar County AY-68-37-203[c] (J-17)		New Braunfels Comal County DX-68-23-302[d]		Kyle Well Hays County LR-67-01-304[e]	
Year	High	Low	High	Low	High	Low	High	Low	High	Low
2007	882.7	867.8	740.7	686.8	700.7	661.9	631.2	625.9	592.4	547.3
2008	882.6	873.4	727.3	682.2	689.2	657.3	629.3	625.5	587.6	536.9
2009	873.3	860.1	697.7	661.6	671.2	640.3	626.6	613.5	570.3	553.8
	High	Low	High	Low	High	Low	High	Low	High	Low
Mean	873.6	864.7	704.7	674.7	677.3	652.6	627.0	623.6	583.5	563.4
Median	876.9	868.0	703.8	675.7	679.3	653.1	627.1	624.1	584.6	565.5
Record	High	Low	High	Low	High	Low	High	Low	High	Low
Level	889.1	811.0	743.6	622.3	703.3	612.5	632.6	613.3	609.5	513.7
Month	June	April	June	Aug.	June	Aug.	Nov.	Aug.	Nov.	Sept.
Year	1987	1957	1992	1956	1992	1956	2004	1956	2004	2006

Data source: Edwards Aquifer Authority unpublished data (2009).
[a] = Continuous monitoring equipment established on October 24, 1940.
[b] = Continuous monitoring equipment established on May 25, 1950.
[c] = Continuous monitoring equipment established on January 1, 1963.
[d] = Continuous monitoring equipment established on November 4, 1948.
[e] = Values based on monthly tape-down measurements (no continuous monitoring equipment installed in this well).

(continued from page 8)

Appendix B contains the 2009 hydrographs, with precipitation measurements for wells in Bexar, Medina, and Uvalde counties. Appendix B also contains the 2009 hydrographs with precipitation measurements, for Comal and San Marcos springs in Comal and Hays counties, respectively. The hydrographs indicate periods of relatively lower and relatively higher water levels and show that water levels in the Edwards Aquifer respond rapidly to rainfall events.

Springflow also provides a measure of water levels within the aquifer. When water levels are high, springflow volumes remain high, whereas low water levels are reflected at the springs by lower springflow volumes.

PRECIPITATION

Precipitation in the Edwards Aquifer Region

The San Antonio region is situated between the arid Chihuahuan Desert to the west and the wetter, more humid Coastal Plain to the east. Consequently, mean annual precipitation ranges from approximately 22 inches in the western part of the region to approximately 35 inches in the eastern part of the region. The mean annual precipitation for San Antonio from 1934 through 2009 is approximately 30.3 inches, although since 1934 annual precipitation has ranged from 13.70 (1954) to 52.28 (1973) inches (U.S. Department of Commerce, 2010). Aquifer water levels and springflow respond quickly to precipitation, decreasing during periods of low precipitation and increasing during periods of high precipitation.

Precipitation data are used to calculate recharge to the Edwards Aquifer, monitor any precipitation trends that may affect recharge to the aquifer, and help evaluate the effectiveness of the Authority's Precipitation Enhancement Program. Precipitation data are gathered from the Authority's real-time network of 67 rain-gauge stations and National Oceanic and Atmospheric Administration (NOAA) weather stations, located throughout the region. Figure 4 shows the locations of precipitation gauging stations used by the Authority to monitor precipitation in 2009.

Table 2 lists annual precipitation for selected rain gauges in the region since 1934. Tables 3a and 3b show monthly measurements for 2009 at selected rain-gauge stations across the region and deviation from mean rainfall values, respectively. Table 4 lists monthly rainfall totals at each of the real-time network rain-gauge stations.

The amount of rainfall recorded at the San Antonio International Airport in 2009 was within approximately one percent of the mean value for the period of record. Mean precipitation in San Antonio for the period 1934 through 2009 was 30.31 inches. In 2009, total precipitation measured at the San Antonio International Airport was 30.69 inches, which reflects a significant increase over the 13.76 inches of rain measured in calendar year 2008 at the airport. Annual and mean precipitation data for San Antonio from 1934 through 2009 are shown graphically in Figure 5.

Regional rainfall at the National Weather Service (NWS) gauge locations in 2009 was below the mean across the region for all locations except San Antonio International Airport. For NWS stations, rainfall volumes ranged from a high of 33.10 inches in San Marcos, to a low of 14.26 inches in Bracketville. Rainfall volumes in Table 2 (NWS gauges) range from within approximately one percent of the mean to approximately 35 percent below the annual mean values, with an average deviation from the mean rainfall value of approximately 11 percent below normal.

Weather patterns in 2009 resulted in below-average rainfall amounts across the entire region for most of the year. Calendar year 2008 and most of 2009 were characterized by persistent drought conditions throughout the area. According to the calibrated NEXRAD radar summary in Figure 6, western counties (Kinney, Edwards, Uvalde, and Real) received the lowest rainfall volumes for the year. Highest rainfall volumes were in eastern counties, such as Hays and Comal, with eastern Bexar County receiving more rainfall than western Bexar County. Each grid square in Figure 6 represents a 16-square-kilometer (approximately 6.25 square miles) area, with shades of green and orange indicating highest rainfall. Each shade represents just over six inches of rainfall increase compared with the adjacent color.

Calibrated NEXRAD radar rainfall totals for the region ranged from as little as 8.4 inches in parts of Kinney County to almost 40 inches in northeastern Hays County. Totals for the Authority's real-time network (Table 4) ranged from a low of just under nine inches in east central Kinney County, to a high of approximately 33 inches in central Hays County.

(continued on page 20)

Figure 3. Comparison of Historical Daily Mean Water Level for the Period of Record 1934–2009 and the Daily High Water Level at the Bexar County Index Well, J-17 (AY-68-37-203)

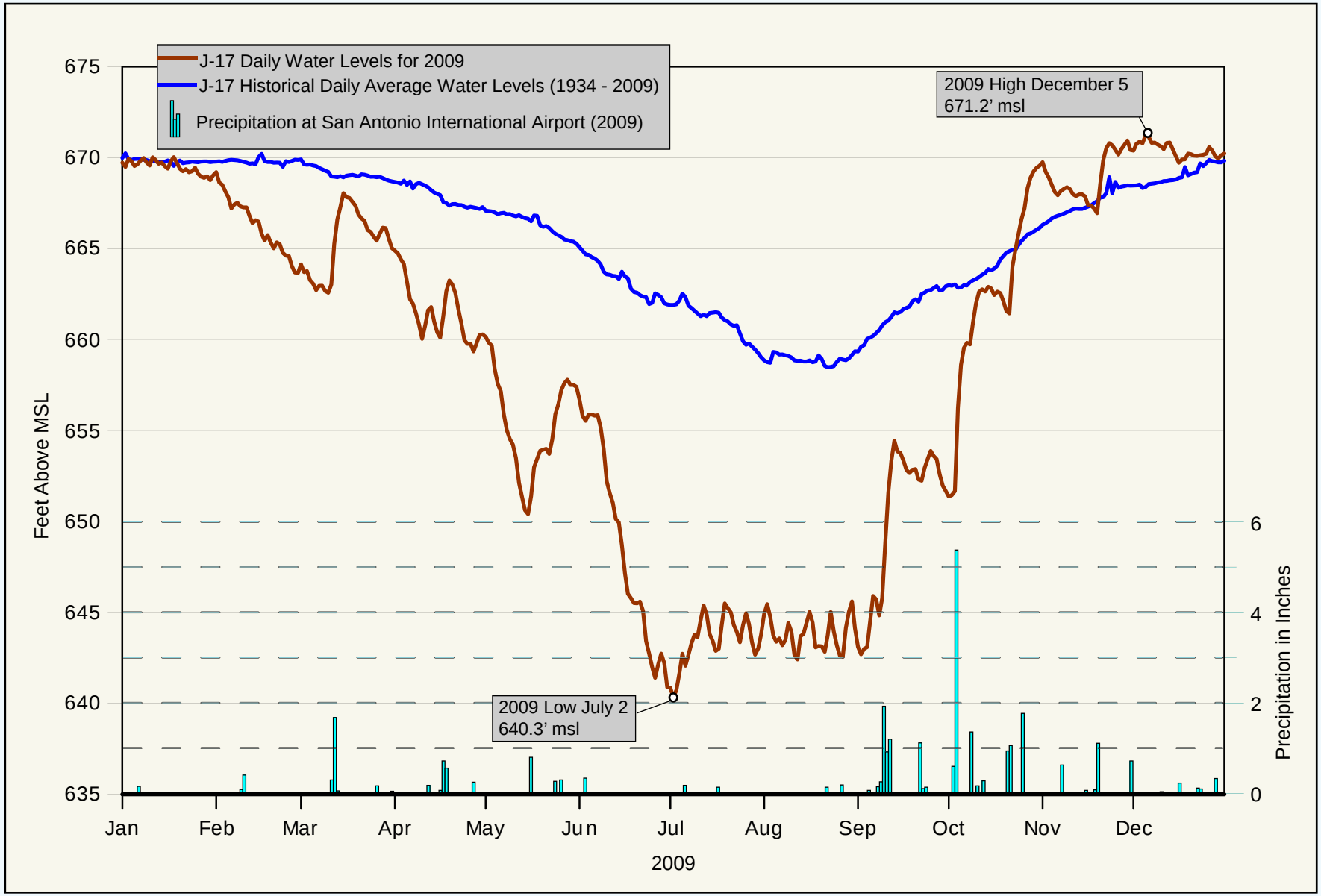


Figure 4. Locations of Precipitation Gauging Stations Used by the Authority and Other Agencies to Monitor Precipitation in 2009

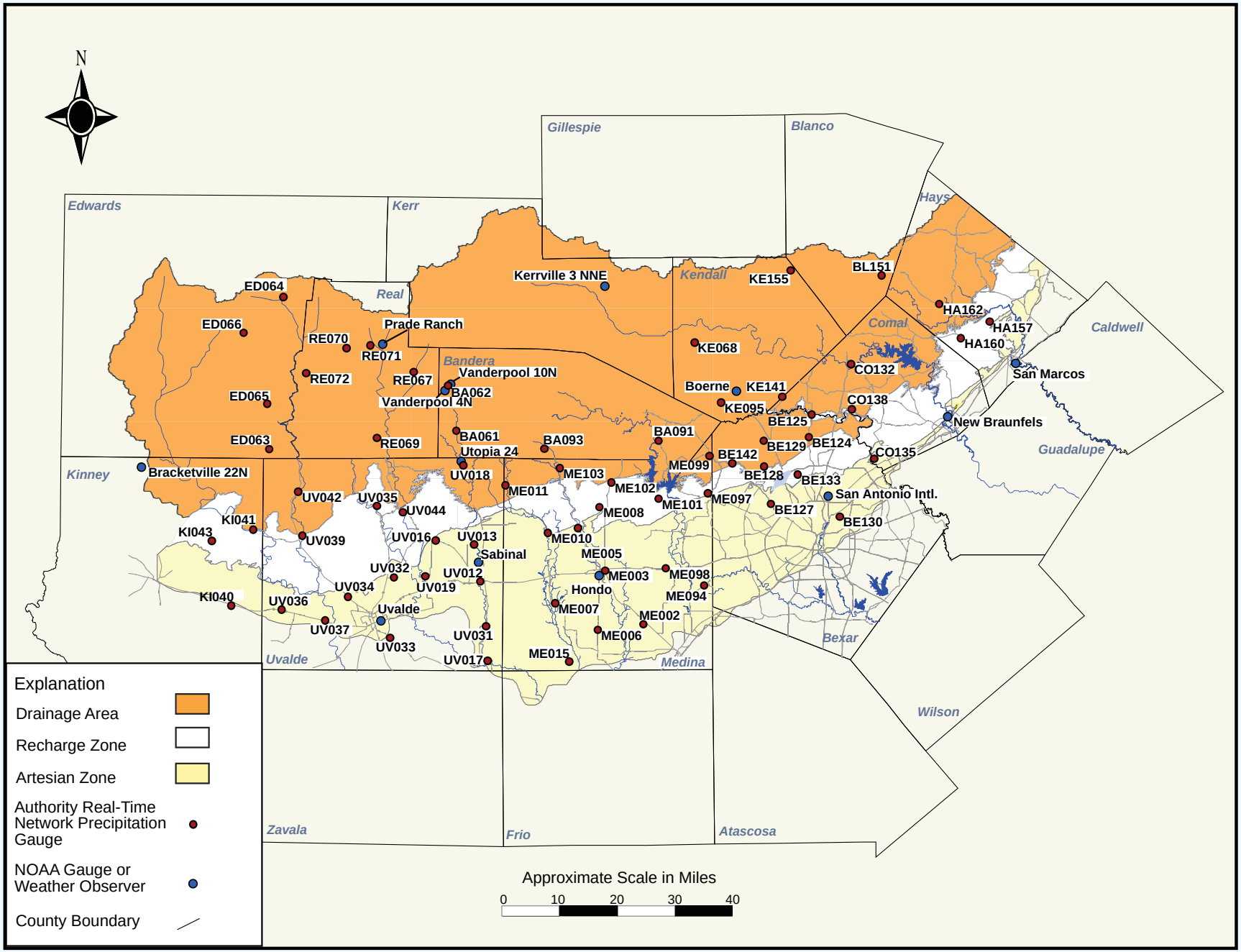


Table 2. Annual Precipitation for Selected Rain Gauges in the Edwards Aquifer Region, 1934–2009 (measured in inches).

Year	Brackettville	Uvalde	Sabinal	Hondo	San Antonio	Boerne	New Braunfels	San Marcos
1934	---	16.70	18.07	23.97	27.65	26.78	30.80	35.67
1935	---	41.17	48.21	58.73	42.93	52.93	41.67	41.09
1936	22.34	24.53	26.53	35.27	34.11	47.59	30.41	33.48
1937	16.85	17.88	9.57a	22.93	26.07	32.81	29.19	26.03a
1938	19.97	13.12	15.39	27.56	23.26	24.14	28.32	28.17
1939	18.38	25.30	13.98b	23.14	18.83	26.20	13.35	18.59
1940	22.43	27.66	27.51	28.13	30.79	32.29	38.11	43.57
1941	21.52	31.79	33.74a	44.07	26.34	41.60	42.99	48.41
1942	21.01	19.01	11.37a	34.83	38.46	31.12	42.08	44.65
1943	23.39b	20.63	17.21	31.43	20.51	26.33	29.93	25.45
1944	24.76	32.76	27.62a	32.46	33.19	42.98	43.14	47.42
1945	15.69	22.37	26.60	29.57	30.46	33.50	39.38	31.74b
1946	19.10	26.41	14.16a	29.65	45.17	45.62	61.60	52.24
1947	22.92b	22.67	---	18.98	17.32	21.89	27.52	27.53
1948	20.02a	18.31	---	28.82	23.64	23.77	19.88b	21.27a
1949	31.32	34.41	---	39.90	40.81	41.15	43.21	36.22
1950	17.70	18.27	15.28a	24.91	19.86	24.94	21.13	21.10
1951	14.71	16.07	15.63	24.05a	24.44	18.76	24.84	30.88
1952	12.26	18.24	23.16	25.56	26.24	37.54	33.87	39.91
1953	10.12	18.34	21.44	20.61	17.56	21.42	30.06	33.39
1954	19.38	15.60	14.72	11.92	13.70	10.29	10.12	13.42
1955	26.55	18.36	20.87	21.21	18.18	19.27	23.12	26.44
1956	7.58	9.29	11.29	15.54	14.31	12.05	18.41	18.37
1957	34.21	39.30	40.03	35.09	48.83	52.55	51.88	46.51
1958	45.37	39.03	41.18	41.60	39.69	40.94	36.40	39.08
1959	27.51	31.51	27.02	30.68	24.50	35.64	40.45	43.47
1960	19.12	23.98	26.24	32.37	29.76	32.55	34.28	45.48
1961	17.91	26.26	27.24	27.36	26.47	25.45	15.70a	30.02
1962	10.87	14.12	13.58	17.85	23.90	25.26	27.40	28.47
1963	15.07	16.70	18.99	18.90	18.65	20.66	23.41	19.90
1964	20.75	22.30	23.78	28.29	31.88	27.36	30.65	30.27
1965	21.48	26.21	29.41	30.80	36.65	42.41	45.16	45.00
1966	21.63	20.87	21.54	29.46	21.44	29.05	25.98	27.12
1967	21.95	20.10	23.89	30.33	29.26	26.75	31.74	26.41
1968	17.26	25.20	29.88b	31.91	30.40	35.14	35.97	37.13
1969	28.53	33.38	33.05	32.30	31.42	38.07	33.01	36.59
1970	16.50	13.59	22.13	30.96	22.74	27.79	35.23	32.30
1971	29.46	31.01	31.00	32.96	31.80	45.24	29.43	31.10
1972	21.21	15.49	21.10	25.43	31.49	35.09	42.02	31.90
1973	30.61	30.85	35.14b	47.82	52.28	50.93	51.66	47.91
1974	18.25	30.94	20.93b	36.41b	37.00	41.80	42.85	37.28a
1975	26.62	24.92	23.65	25.84a	25.67	33.49	35.82	48.64
1976	34.40	46.04	40.82	45.21	39.13	45.24	49.06	47.46
1977	15.06	19.90	17.06	19.40	29.64	32.43	24.83	29.69
1978	19.04	18.48	21.28	24.64	35.99	35.17	36.35b	33.08
1979	16.34	32.35	31.44	28.83	36.64	39.97	36.72	38.74
1980	18.33	23.05	22.67	21.27	24.23	39.02	33.69	29.56
1981	28.73	26.24	30.19	27.40	36.37	41.05	43.23	49.62
1982	19.10	23.35	18.44	21.99	22.96	27.64	21.04	22.47b
1983	19.35	24.45a	23.33	20.92b	26.11	34.60	34.13	36.95
1984	16.24	15.33b	20.67	21.19a	25.95	26.97	20.90	8.26b
1985	18.93	5.76a	23.67	21.94	41.43	37.77	37.26	33.54
1986	27.44	29.86b	29.62b	36.01b	42.73	43.52	47.14	42.20
1987	39.45	36.39	38.36	40.09	37.96	39.86	37.33a	37.94
1988	12.08	15.20	13.52	9.81b	19.01	19.49	16.27b	21.50
1989	16.98	18.65	17.26	16.10	22.14	25.14	20.99	25.46
1990	38.24b	24.73	30.06	27.01	38.31	42.51	24.58a	35.14b
1991	23.11	21.77	31.12	34.55	42.76	48.22	56.55	51.07
1992	22.22	27.85a	37.73	45.34	46.49	64.17	38.84b	40.33b
1993	15.18	9.32c	13.20	16.60	32.00	24.02	19.54b	24.01b
1994	22.85a	39.61	29.32	22.38b	40.42	40.98	35.76a	40.85

(Table 2. continued)

Year	Brackettville	Uvalde	Sabinal	Hondo	San Antonio	Boerne	New Braunfels	San Marcos
1995	25.87	19.47	27.55	24.55	23.20	30.29	23.29	32.57
1996	20.32b	16.20	14.20	15.50	17.80	24.57	19.00	28.20
1997	---	27.77	35.74	37.54	33.94	---	41.65	43.56
1998	24.15	27.40b	20.66b	30.44a	42.10	45.74	52.98	58.51
1999	19.88	19.08	2.55b	16.94	16.63	18.67	21.07	19.38
2000	18.11b	23.84	22.87	32.49	35.86	46.30a	36.34b	40.56
2001	18.40	26.02	25.87	30.59	36.72	53.91	37.91	42.41
2002	---	36.79	35.75	44.70	46.27	63.20	43.60	46.16
2003	25.19[c]	23.39	24.86	34.70	28.45	28.55	23.42	25.74
2004	40.23	27.76	37.99	44.76	45.32	60.50	50.55	52.68
2005	25.13	16.48	20.24	28.90	16.54	25.31	21.01	22.42
2006	14.62	7.85	11.06	12.15	21.34	24.24	28.51	26.36
2007	39.93	28.89	37.55	57.58	47.25	59.00	45.40	41.59
2008	12.59	11.23	14.66	16.18	13.76	14.74	16.70	15.79
2009	14.26	16.19	20.86	25.00	30.69	32.65	28.10	33.10
Years of Record (shown)	72	76	73	76	76	76	76	76
Mean	21.86	23.44	24.01	28.85	30.31	34.23	32.96	34.28
Median	20.17	23.20	23.25	28.56	30.08	33.15	33.69	33.25

Data source: U.S. Department of Commerce (2009); NOAA (1934–2009).
a = Partial record not included in long-term mean; missing one month.
b = Partial record not included in long-term mean; missing more than one month.
c = Change in gauge location from previous years.
--- = No data available.

Table 3a. Monthly Precipitation Data from Selected National Oceanic and Atmospheric Administration Precipitation-Gauging Stations, 2009 (measured in inches).

Gauge	County	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Total
San Antonio Intl. Airport	Bexar	0.27	0.65	2.51	2.05	1.57	0.45	0.48	0.45	6.35	11.9	2.09	1.92	30.69
Vanderpool 10N	Bandera	0.7	0	3.11	1.81	1.22	0	1.61	0.56	5.22	2.20	0.54	0.94	17.91
Vanderpool 4N	Bandera	0.74	0.11	4.35	1.72	3.04	1.05	1.16	0.15	5.12	5.32	1.17	1.34	25.27
New Braunfels	Comal	0.39	0.64	2.73	2.97	0.64	0.15	0.54	2.03	6.69	6.71	2.70	1.91	28.10
San Marcos	Hays	0.41	0.9	2.86	3.72	1.87	0.39	0.98	1.41	4.59	10.45	3.07	2.45	33.1
Kerrville 3 NNE	Kerr	0.62	0.05	3.7	2.96	2.32	0.97	2.8	0.24	9.21	5.27	3.29	1.29	32.72
Hondo	Medina	0.36	0.03	2.53	1.11	1.59	0.06	0.21	0.66	8.5	5.33	2.57	2.05	25.00
Brackettville 22N	Kinney	0.14	0.02	1.88	0.89	3.47	1.36	0.06	0.38	1.86	1.28	0.70	2.22	14.26
Prade Ranch	Real	0.25	0.27	2.95	3.2	2.57	0	1.29	0.2	4.15	2.35	1.14	1.18	19.55
Sabinal	Uvalde	0.40	0.11	2.75	1.35	1.70	0.21	0.95	0.13	4.96	4.17	2.94	1.19	20.86
Uvalde	Uvalde	0.14	0.04	2.16	0.63	1.04	0.12	1.09	0	6.11	2.5	1.52	0.84	16.19
Boerne	Kendall	0.69	0.27	2.66	2.3	3.3	0.88	1.34	0.58	5.29	10.31	2.85	2.18	32.65

Table 3b. Deviation from Mean Rainfall Values, 2009.

Gauge	County	Mean	Total	Deviation from Mean
San Antonio Intl. Airport	Bexar	30.31	30.69	+0.38
New Braunfels	Comal	32.96	28.10	–4.86
San Marcos	Hays	34.28	33.10	–1.18
Hondo	Medina	28.85	25.00	–3.85
Uvalde	Uvalde	23.44	16.19	–7.25
Boerne	Kendall	34.23	32.65	–1.58
Brackettville	Kinney	21.86	14.26	–7.60

(Rainfall amounts shown in inches)

Table 4. 2009 Monthly Precipitation Totals for the Real-Time Network Rain Gauges (Rain-Gauge Locations Shown in Figure 4).

	BA061	BA062	BA091	BA093	BE124	BE125	BE127	BE128	BE129	BE130	BE133	BE142	BL151	CO132	CO135	CO138	ED063	ED064
January	0.5	0.15	0.08	0.33	0.3	0.33	*	0.34	0.04	*	0.28	0.1	0.67	*	0	0.13	0.04	0.08
February	0.05	0	0.14	0.03	0.42	0.12	*	0.09	0.12	*	0.24	0.18	0.58	*	0.95	0.37	0.01	0.01
March	3.18	2.41	2.01	2.6	2.52	2.58	*	2.44	1.13	*	2.94	1.94	1.84	*	2.17	2.97	0.76	1.95
April	0.74	1.28	2.14	1.39	1.85	1.9	1.61	1.47	1.24	*	1.53	1.36	2.05	*	1.43	2.37	2.4	2.57
May	2.59	2.76	2.57	1.89	2.01	2.1	2.97	3.18	2.71	0.75	1.98	1.75	2.72	*	0.04	0.48	1.89	1.32
June	0.4	1.74	0.57	1.48	0.56	1.25	0.05	0.57	0.6	0.11	0.37	0.8	0.67	*	0	0.23	0	1.52
July	1.58	0.9	0.31	0.3	1.18	0.92	0.47	0.63	1.64	0.06	0.09	0.65	0.78	*	0.11	0.53	0.94	1.77
August	0.78	0.03	0.31	0.07	0.86	0.06	1.23	0.45	0.25	0.36	0.55	0.46	0.3	*	0.34	0.37	0.61	0.08
September	3.97	2.47	4.12	4.14	6.46	5.92	3.96	5.67	4.72	3.47	3.59	4.37	3.1	*	0.16	3.53	3.84	2.33
October	3.25	3.75	4.92	3.54	9.3	9.09	6.78	7.34	8.97	8.8	6.26	7.15	3.79	6.49	9.11	10.27	2.4	2.03
November	1.53	0.79	2.62	1.05	2.39	2.48	1.98	2.46	2.44	2.11	1.95	1.22	1.62	1.78	2.01	2.05	0.6	0.83
December	0.83	0.83	1.15	0.7	1.04	1.43	0.91	1.21	0.92	1.37	1.54	0.68	0.91	1.2	1.15	1.52	1.05	1.03
Mo. Totals	19.4	17.11	20.94	17.52	28.89	28.18	ND	25.85	24.78	ND	21.32	20.66	19.03	ND	17.47	24.82	14.54	15.52

	ED065	ED066	HA157	HA160	HA162	KE068	KE095	KE141	KE155	KI040	KI041	KI043	ME002	ME003	ME005	ME006	ME007	ME008
January	0.15	0.04	0.37	0.31	0.49	*	0.49	0.12	0.58	0.18	0.13	0.13	*	0.21	0.38	0.13	0.18	0.01
February	0.03	0.02	0.62	0.84	1.1	*	0.16	0.09	0.14	0.01	0	0.01	*	0.05	0.06	0.03	0.04	0
March	2.09	3.09	2.7	2.52	2.66	*	1.76	2.83	3.56	1.77	2.61	3.13	3.39	2.1	1.63	2.86	2.73	1.96
April	2.08	1.43	2.91	3.69	4.63	*	1.57	1.33	3.3	0.6	0.68	0.78	0.6	0.89	1.02	0.43	0.86	1.28
May	0.48	1.46	1.58	1.43	1.57	*	1.32	1.46	0.34	0	2.89	1.83	3.96	0.88	2.32	3.18	2.83	1.39
June	0.27	2.03	0.6	0.66	1.75	*	0.58	1.04	0.77	0	0	0.06	0.16	0.06	0	0	0.02	0.03
July	0.93	0.74	1.51	1.85	1.35	*	0.75	0.66	0.82	0.91	0.92	0.54	0.35	0.25	1.44	0.5	0.34	1.36
August	0.31	0.14	0.35	0.17	0.05	*	0.5	0.64	1.72	0.09	0.24	0.14	0.02	0.06	0.47	0.09	0.09	0.09
September	4.81	1.35	4.61	4.1	8.67	*	4.23	5.13	6.3	2.38	4.81	2.32	7.13	7.71	4.15	4.74	4.62	2.83
October	1.84	1.62	4.35	7.11	6.94	2.93	2.96	5.21	2.13	1.31	1.66	1.22	4.65	5.18	3.71	5.45	3.21	3.37
November	1.04	1.9	1.56	2.27	2.26	1.06	2.62	2.24	2.83	0.71	2.71	0.85	1.88	2.14	1.87	1.52	3	2.7
December	1.22	0.61	2.01	2.07	1.72	0.87	1.01	1.25	1.74	0.8	0.87	0.89	1.7	1.13	0.47	0.92	1.32	0.91
Mo. Totals	15.25	14.43	23.17	27.02	33.19	ND	17.95	22.0	24.23	8.76	17.52	11.9	ND	20.66	17.52	19.85	19.24	15.93

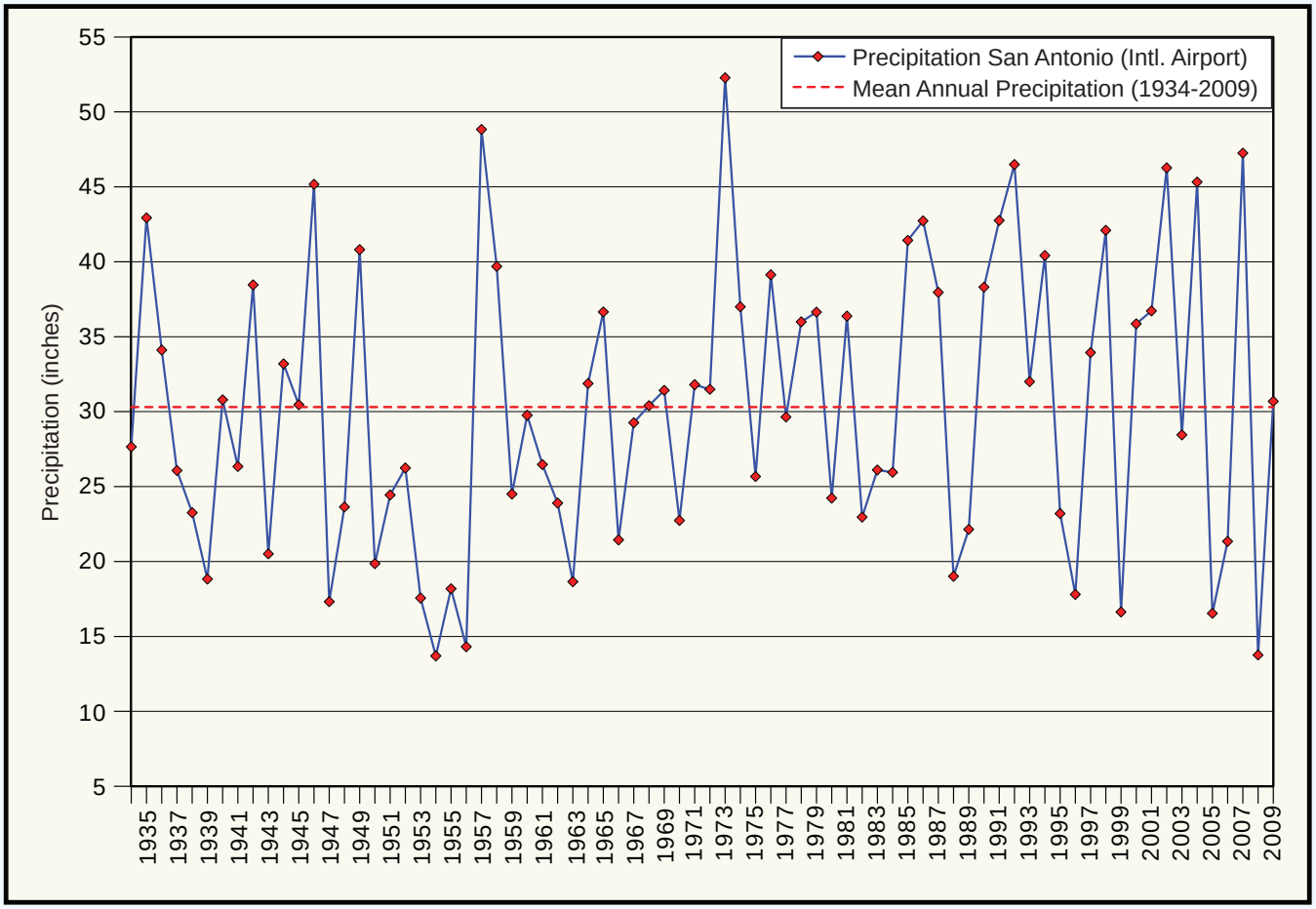
	ME010	ME011	ME015	ME094	ME097	ME098	ME099	ME101	ME102	ME103	RE067	RE069	RE070	RE071	RE072	UV012	UV013	UV016
January	0.36	0.26	0	0.2	0	0.19	0.05	0.36	0.33	0.3	0.32	0.37	0.48	0.17	0.14	0.27	0.2	0.2
February	0.07	0.05	0	0.08	0.09	0.04	0.11	0.02	0.05	0.06	0.1	0.01	0.02	0.06	0	0.04	0.03	0.01
March	2.15	2.98	2.99	1.79	2.14	2.49	1.85	1.93	1.82	2.13	2.26	0.2	1.48	1.5	1.84	2.47	2.5	2.96
April	1.53	0.7	0.36	1.12	1.13	0.83	1.45	0.8	1.43	1.53	1.72	1.69	2.05	2.55	1.54	1.13	0.65	0.5
May	1.82	1.38	3.4	1.23	0.84	2.41	2.25	1.71	0.92	1.31	2.76	3.65	2.86	2.88	2.49	1.13	0.79	1.55
June	0	0.17	0	1.01	0	0.85	0.42	0.06	0.5	0.68	1.11	0.23	0.4	0.09	0.26	0.18	0.64	0
July	0.98	0.84	2.08	2.38	0.05	4.03	0.04	1.26	1.02	0.04	0.14	1	1.16	0.79	1.28	0.91	0.4	1.37
August	0.02	0.44	1.55	0.57	0.63	1.16	0.07	0.87	0.14	0.25	0.36	0.04	0.26	0.1	0.5	0.18	0.03	0.1
September	3.73	3.6	3.32	5.34	5.17	4.28	5.08	4.27	4.08	3.32	1.72	3.62	3.83	3.34	4.29	4.78	3.77	2.36
October	3.66	3.75	3.7	4.27	0.55	3.38	5.52	3.08	5.1	4.15	1.31	2.37	2.91	1.78	2.4	4.08	3.99	1.95
November	2.18	1.66	1.76	2.22	0	2.35	2.45	2.13	2.36	2.63	0.59	0.79	0.57	0.43	0.48	2.98	2.52	1.24
December	0.97	1.9	0.99	1.2	0.58	0.95	0.73	1.17	1.48	0.91	0.71	0.81	1.1	0.63	1.01	0.84	0.82	0.65
Mo. Totals	17.47	17.73	20.15	21.41	11.18	22.96	20.02	17.66	19.23	17.31	13.1	14.78	17.12	14.32	16.23	18.99	16.34	12.89

	UV017	UV018	UV019	UV031	UV032	UV033	UV034	UV035	UV036	UV037	UV039	UV042	UV044
January	0.17	0.18	0.17	0.06	0.15	0.15	0.18	0	0.21	0.16	0.19	0.25	0.3
February	0.05	0.1	0.02	0.02	0.01	0	0.02	0.03	0.04	0.06	0.01	0.02	0.05
March	2.66	3.24	3.65	2.55	2.51	2.8	2.23	2.8	2.38	2.1	3.96	3.25	2.46
April	1.77	1.34	1.11	1.99	0.85	0.49	0.84	0.96	0.82	0.86	0.81	0.98	1.13
May	4.58	4.02	1.38	2.2	0.89	1.57	0.67	2.18	0.5	0.33	2.34	1.33	2.75
June	0.13	1.04	0	0.21	0	0	0.07	0.47	0	0	0	0	0.02
July	0.71	0.61	0.06	0.98	0.43	0.45	0.04	0.78	0.04	1.22	0.67	0.68	0.3
August	0.27	0.25	0	0.41	0.13	0.05	0.16	0.5	0.02	0	0.09	0.33	0.2
September	5.26	0	1.67	6.13	3.76	5.96	4.57	3.14	5.58	5	6.74	5.73	3.38
October	1.7	3.23	3.36	4.16	2.68	2.5	1.88	0.99	1.19	2.15	1.3	1.53	2.23
November	1.86	2.34	1.8	2.5	1.22	0.82	0.75	0.98	0.76	0.63	0.82	0.68	1.31
December	0.03	0.93	0.81	1.08	0.74	0.73	0.62	0.7	0.67	0.97	1.02	0.83	0.69
Mo. Totals	19.19	17.28	14.03	22.29	13.37	15.52	12.03	13.53	12.21	13.48	17.95	15.61	14.82

* = Incomplete data set.

ND = Annual total not provided; annual data set incomplete.

Figure 5. Annual Precipitation and Mean Precipitation for San Antonio, 1934–2009



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Precipitation Enhancement Program (PEP)

Recent research performed by weather scientists indicates that precipitation enhancement can increase rainfall by as much as 21 percent (Woodley Weather Consultants, 2002). As a result, clouds that have been seeded may significantly increase recharge to the aquifer and decrease demand for lawn watering and crop irrigation.

In the fall of 1997, the Authority's board of directors voted to pursue a permit from the Texas Commission on Environmental Quality (TCEQ) to conduct a precipitation enhancement program (PEP). Goals of the PEP are to:

- Enhance rainfall in a targeted area by using state-of-the-art cloud-seeding technology and procedures to seed suitable convective clouds with silver iodide;
- Increase the annual mean quantity of water that may be withdrawn from the aquifer;
- Reduce demands from the aquifer by increasing precipitation; and
- Reduce periods of low water levels and protect threatened springflows

In October 1998 the Authority's PEP contractor, Weather Modification, Inc. (WMI), received a four-year permit (January 1999 through December 2002) from TCEQ. The Authority's original PEP project area consisted of 6.37 million acres across south Texas, covering all or parts of 12 counties, including Real (east of U.S. Highway 83), Kerr, Kendall, Blanco, Bandera, Uvalde, Medina, Bexar, Comal, Hays, Guadalupe, and Caldwell. From 1999 through 2001, the Authority used WMI to conduct weather-modification services in the 12-county area.

In June 2001, the Authority, the Texas Water Development Board (TWDB), and TCEQ initiated a study to evaluate

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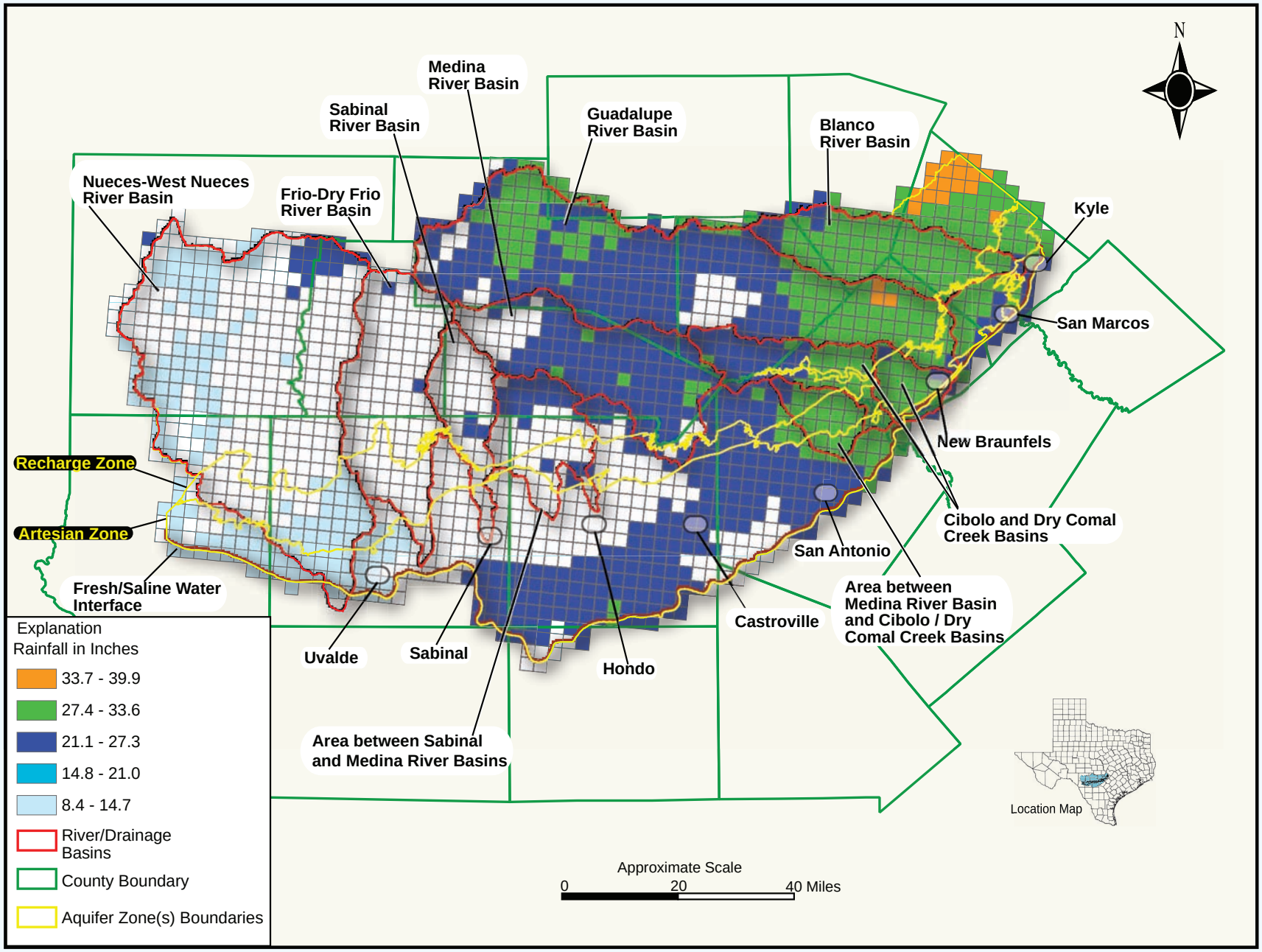
Figure 6. Ground-Calibrated NEXRAD Radar Rainfall Distribution for 2009



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the effectiveness of the Authority's PEP for 1999 through 2001. Woodley Weather Consultants conducted the study and concluded in the final report completed in June 2002 that the Authority's PEP effectively increased the amount of rainfall by 923 acre-feet for each of 259 seeding events conducted during the study period. This equates to an estimated increase of just over 239,000 acre-feet for the period (1999-2001). The report indicated that seeding efficiency could be improved and provided guidance for making improvements to future seeding programs. Another finding in the report was that typical radar-predicted rainfall in south central Texas is generally under-reported if not calibrated to ground based measurements. The under-reporting is a function of equations used by the National Weather Service that do not take into account the tropical nature of much of the rainfall in the San Antonio area. This factor was revealed by correlation of radar-predicted rainfall to actual rainfall recorded by the Authority's real-time network and other rain gauge systems in the region.

For the period 2002 through 2005, the Authority contracted directly with the South Texas Weather Modification Association (STWMA) and the Southwest Texas Rain Enhancement Association (SWTREA) to conduct PEP activities for Bandera, Bexar, Medina, and Uvalde counties. In calendar year 2006, the Authority developed interlocal agreements with the Evergreen Underground Water Conservation District (EUWCD) and the Wintergarden Groundwater Conservation District (WGCD) to engage STWMA and SWTREA to conduct PEP activities for the same four counties beginning in calendar year 2007.

In 2007, the Authority modified these agreements to include provisions for a randomized "seed/no seed" methodology to isolate randomness and facilitate statistical objectivity in evaluation of the overall effectiveness of the PEP. It was noted, however, that several years of data accumulation might be required to determine the effectiveness of the randomized "seed/no seed" methodology.

The PEP continued in calendar year 2009, and annual summary reports, as prepared by STWMA (2009) and SWTREA (2009), indicate that 278,300 acre-feet of additional rainfall fell across the four-county target area as a result of 2009 PEP efforts. The four-county target area is just over 3.1-million acres in size, resulting in an average increased rainfall amount of approximately 1.05 inches per acre for 2009. Data for years 2003 through 2009 are summarized in Table 5.

Table 5. Precipitation Enhancement Program Summary for Calendar Years 2003–2009.

Year	Contractor	Target Area	Flights	Flares	Grams of Silver Iodide Dispersed	Estimated Rainfall Increase (in acre-feet)
2003	SWTREA	Uvalde	18	20	8,650	
	STWMA	Bandera, Bexar, Medina	39	228	12,760	
		Total	57	248	21,410	122,518
2004	SWTREA	Uvalde	15	113	5,360	
	STWMA	Bandera, Bexar, Medina	34	259	3,710	
		Total	57	52	279	350,716
2005	SWTREA	Uvalde	18	149	6,780	
	STWMA	Bandera, Bexar, Medina	29	261	11,480	
		Total	47	410	18,260	137,417
2006	SWTREA	Uvalde	20	192	7,680	
	STWMA	Bandera, Bexar, Medina	16	94	4,760	
		Total	36	286	12,440	74,139
2007	WGCD	Uvalde	7	76	3,040	
	EUWCD	Bandera, Bexar, Medina	11	124	4,960	
		Total	18	200	8,000	76,226
2008	WGCD	Uvalde	3	35	1,720	
	EUWCD	Bandera, Bexar, Medina	17	127	5,080	
		Total	20	162	6,800	55,371
2009	WGCD	Uvalde	24	301	12,040	
	EUWCD	Bandera, Bexar, Medina	32	353	15,080	
		Total	56	654	27,120	278,300

GROUNDWATER RECHARGE

Recharge to the Edwards Aquifer originates as precipitation on the drainage area and recharge zone. The area consists of nine drainage basins that extend across the recharge zone (Figure 7):

- Nueces/West Nueces River basin
- Frio/Dry Frio River basin
- Sabinal River Basin
- Area between Sabinal River and Medina River basins
- Medina River Basin
- Area between Medina River and Cibolo/Dry Comal Creek basins
- Cibolo Creek and Dry Comal Creek basins
- Guadalupe River Basin
- Blanco River Basin

Recent modeling studies using the Hydrologic Simulation Program Fortran (HSPF) indicate that dependant upon drainage basin, recharge occurring outside of stream channels across the region varies from a low of two percent to a high of 76 percent (of total recharge), whereas 24 to 98 percent of recharge across the nine basins occurs in stream channels as channel loss (LBG Guyton Associates, 2005). As the HSPF model is further refined, these percentages may change with improved data sets. In addition, some recharge to the Edwards Aquifer also occurs as interformational flow from adjacent aquifers such as the Trinity Aquifer. Estimates of the contribution from adjacent hydraulically connected aquifers are highly variable and range from 5,000 to 60,000 acre-feet per year.

The historical method of estimating recharge to the Edwards Aquifer utilizes a water-balance approach that relies on precipitation and streamflow measurements across the nine-basin area. The USGS has calculated groundwater recharge to the Edwards Aquifer since 1934. Table 6 lists estimated annual recharge by river basin from 1934 through 2009 using USGS calculations. The USGS estimates that annual recharge for the period of record (1934–2009) ranged from 43,700 acre-feet at the height of the drought of record in 1956, to 2,486,000 acre-feet in 1992. In 2009, estimated recharge was 210,900 acre-feet. The median annual estimated recharge for 1934 through 2009 is 559,400 acre-feet, and the median annual estimated recharge for the last ten years is 716,500 acre-feet. Figure 8 is a graph of annual total estimated recharge compared with the ten-year floating median estimated recharge and historical median value for recharge to the San Antonio segment of the Balcones Fault Zone Edwards Aquifer from 1934 through 2009.

Recharge estimates shown in Table 6 do not include the Guadalupe River Basin because the historical method of estimating recharge is based on the interpretation that the basin does not recharge the aquifer. However, the Authority is currently revising the methodology utilized for estimating recharge to the aquifer using the HSPF model. Refinements to the HSPF model have been under way since it was initially completed in 2005. The model was recently “fitted” with a graphical user interface to facilitate its use and was evaluated for incorporation of the NEXRAD rainfall data sets as input for recharge estimation. The study indicated, however, that the 24-hour time step available for NEXRAD data was not conducive to accurate modeling. As such, the model is currently being considered for refinement to accommodate the Authority’s real-time network of rain gauges as input data. The time step for the real-time network is 15 minutes, which should allow for improved recharge estimates. Previous hydrologic data reports include Edwards Aquifer recharge estimates data derived from HSPF for the period 1950 through 2003. Additional HSPF model refinements are scheduled for completion over the next few years. As additional HSPF output data are generated and refined, results will be incorporated into future versions of this report. Available results (1950–2003) for HSPF are shown in Table 7, which also compares median and mean values for HSPF methodology with USGS historical methodology for the same period.

Recharge directly increases groundwater levels in the aquifer. Water levels rise during periods of higher-than-normal recharge and generally decline during periods of below-normal recharge. The 2009 estimated

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Table 6. Estimated Annual Groundwater Recharge to the Edwards Aquifer by Drainage Basin, 1934–2009 (measured in thousands of acre-feet).

Year	Nueces River/ West Nueces River basin	Frio River/ Dry Frio River basin	Sabinal River Basin	Area between Sabinal River and Medina River basins	Medina River Basin	Area between Medina River and Cibolo Creek/ Dry Comal Creek basins	Cibolo Creek/ Dry Comal Creek basin	Blanco River Basin	Total*
1934	8.6	27.9	7.5	19.9	46.5	21	28.4	19.8	179.6
1935	411.3	192.3	56.6	166.2	71.1	138.2	182.7	39.8	1,258.2
1936	176.5	157.4	43.5	142.9	91.6	108.9	146.1	42.7	909.6
1937	28.8	75.7	21.5	61.3	80.5	47.8	63.9	21.2	400.7
1938	63.5	69.3	20.9	54.1	65.5	46.2	76.8	36.4	432.7
1939	227.0	49.5	17.0	33.1	42.4	9.3	9.6	11.1	399.0
1940	50.4	60.3	23.8	56.6	38.8	29.3	30.8	18.8	308.8
1941	89.9	151.8	50.6	139.0	54.1	116.3	191.2	57.8	850.7
1942	103.5	95.1	34.0	84.4	51.7	66.9	93.6	28.6	557.8
1943	36.5	42.3	11.1	33.8	41.5	29.5	58.3	20.1	273.1
1944	64.1	76.0	24.8	74.3	50.5	72.5	152.5	46.2	560.9
1945	47.3	71.1	30.8	78.6	54.8	79.6	129.9	35.7	527.8
1946	80.9	54.2	16.5	52.0	51.4	105.1	155.3	40.7	556.1
1947	72.4	77.7	16.7	45.2	44.0	55.5	79.5	31.6	422.6
1948	41.1	25.6	26.0	20.2	14.8	17.5	19.9	13.2	178.3
1949	166.0	86.1	31.5	70.3	33.0	41.8	55.9	23.5	508.1
1950	41.5	35.5	13.3	27.0	23.6	17.3	24.6	17.4	200.2
1951	18.3	28.4	7.3	26.4	21.1	15.3	12.5	10.6	139.9
1952	27.9	15.7	3.2	30.2	25.4	50.1	102.3	20.7	275.5
1953	21.4	15.1	3.2	4.4	36.2	20.1	42.3	24.9	167.6
1954	61.3	31.6	7.1	11.9	25.3	4.2	10.0	10.7	162.1
1955	128.0	22.1	0.6	7.7	16.5	4.3	3.3	9.5	192.0
1956	15.6	4.2	1.6	3.6	6.3	2.0	2.2	8.2	43.7
1957	108.6	133.6	65.4	129.5	55.6	175.6	397.9	76.4	1,142.6
1958	266.7	300.0	223.8	294.9	95.5	190.9	268.7	70.7	1,711.2
1959	109.6	158.9	61.6	96.7	94.7	57.4	77.9	33.6	690.4
1960	88.7	128.1	64.9	127.0	104.0	89.7	160.0	62.4	824.8
1961	85.2	151.3	57.4	105.4	88.3	69.3	110.8	49.4	717.1
1962	47.4	46.6	4.3	23.5	57.3	16.7	24.7	18.9	239.4
1963	39.7	27.0	5.0	10.3	41.9	9.3	21.3	16.2	170.7
1964	126.1	57.1	16.3	61.3	43.3	35.8	51.1	22.2	413.2
1965	97.9	83.0	23.2	104.0	54.6	78.8	115.3	66.7	623.5
1966	169.2	134.0	37.7	78.2	50.5	44.5	66.5	34.6	615.2
1967	82.2	137.9	30.4	64.8	44.7	30.2	57.3	19.0	466.5
1968	130.8	176.0	66.4	198.7	59.9	83.1	120.5	49.3	884.7
1969	119.7	113.8	30.7	84.2	55.4	60.2	99.9	46.6	610.5
1970	112.6	141.9	35.4	81.6	68.0	68.8	113.8	39.5	661.6
1971	263.4	212.4	39.2	155.6	68.7	81.4	82.4	22.2	925.3
1972	108.4	144.6	49.0	154.6	87.9	74.3	104.2	33.4	756.4
1973	190.6	256.9	123.9	286.4	97.6	237.2	211.7	82.2	1,486.5

(Table 6. continued)

Year	Nueces River/ West Nueces River basin	Frio River/ Dry Frio River basin	Sabinal River Basin	Area between Sabinal River and Medina River basins	Medina River Basin	Area between Medina River and Cibolo Creek/ Dry Comal Creek basins	Cibolo Creek/ Dry Comal Creek basin	Blanco River Basin	Total
1974	91.1	135.7	36.1	115.3	96.2	68.1	76.9	39.1	658.5
1975	71.8	143.6	47.9	195.9	93.4	138.8	195.7	85.9	973.0
1976	150.7	238.6	68.2	182.0	94.5	47.9	54.3	57.9	894.1
1977	102.9	193.0	62.7	159.5	77.7	97.9	191.6	66.7	952.0
1978	69.8	73.1	30.9	103.7	76.7	49.6	72.4	26.3	502.5
1979	128.4	201.4	68.6	203.1	89.4	85.4	266.3	75.2	1,117.8
1980	58.6	85.6	42.6	25.3	88.3	18.8	55.4	31.8	406.4
1981	205.0	365.2	105.6	252.1	91.3	165.0	196.8	67.3	1,448.4
1982	19.4	123.4	21.0	90.9	76.8	22.6	44.8	23.5	422.4
1983	79.2	85.9	20.1	42.9	74.4	31.9	62.5	23.2	420.1
1984	32.4	40.4	8.8	18.1	43.9	11.3	16.9	25.9	197.7
1985	105.9	186.9	50.7	148.5	64.7	136.7	259.2	50.7	1,003.3
1986	188.4	192.8	42.2	173.6	74.7	170.2	267.4	44.5	1,153.7
1987	308.5	473.3	110.7	405.5	90.4	229.3	270.9	114.9	2,003.6
1988	59.2	117.9	17.0	24.9	69.9	12.6	28.5	25.5	355.5
1989	52.6	52.6	8.4	13.5	46.9	4.6	12.3	23.6	214.4
1990	479.3	255.0	54.6	131.2	54.0	35.9	71.8	41.3	1,123.2
1991	325.2	421.0	103.1	315.2	52.8	84.5	109.7	96.9	1,508.4
1992	234.1	586.9	201.1	566.1	91.4	290.6	286.6	226.9	2,485.7
1993	32.6	78.5	29.6	60.8	78.5	38.9	90.9	37.8	447.6
1994	124.6	151.5	29.5	45.1	61.1	34.1	55.6	36.6	538.1
1995	107.1	147.6	34.7	62.4	61.7	36.2	51.1	30.6	531.3
1996	130.0	92.0	11.4	9.4	42.3	10.6	14.7	13.9	324.3
1997	176.9	209.1	57.0	208.4	63.3	193.4	144.2	82.3	1,134.6
1998	141.5	214.8	72.5	201.4	80.3	86.2	240.9	104.7	1,142.3
1999	101.4	136.8	30.8	57.2	77.1	21.2	27.9	21.0	473.5
2000	238.4	123.0	33.1	55.2	53.4	28.6	48.6	34.1	614.5
2001	297.5	126.7	66.2	124.1	90.0	101.5	173.7	89.7	1,069.4
2002	83.6	207.3	70.6	345.2	93.7	175.5	447.8	150.0	1,573.7
2003	149.8	112.2	31.7	67.4	86.6	56.2	105.0	59.9	669.0
2004	481.9	424.5	116.0	343.9	95.5	213.4	315.0	185.8	2,176.1
2005	105.5	147.2	50.1	79.1	82.8	84.8	140.4	74.1	764.0
2006	45.5	60.2	9.0	5.0	47.7	5.1	11.2	17.9	201.6
2007	471.8	474.4	104.0	406.4	75.2	227.6	306.1	96.9	2,162.3
2008	48.2	44.5	5.9	9.8	53.6	9.6	22.8	18.5	212.9
2009	58.5	30.3	1.8	13.5	45.6	7.3	26.4	27.5	210.9
Recharge for the period of record 1934–2009:									
Median	102.2	123.2	31.6	78.4	61.4	52.8	78.7	35.2	559.4
Mean	127.4	139.7	42.9	112.7	63.0	72.8	112.1	46.9	717.5
Recharge for the period of record 2000–2009 (last ten years):									
Median	127.7	124.9	41.6	73.3	79.0	70.5	122.7	67.0	716.5
Mean	198.1	175.0	48.8	145.0	72.4	91.0	159.7	75.4	965.4

Data source: USGS Unpublished Report (April 2010).

Figure 7. Major Drainage Basins and Edwards Aquifer Authority-Operated Recharge Structures in the San Antonio Segment of the Balcones Fault Zone Edwards Aquifer

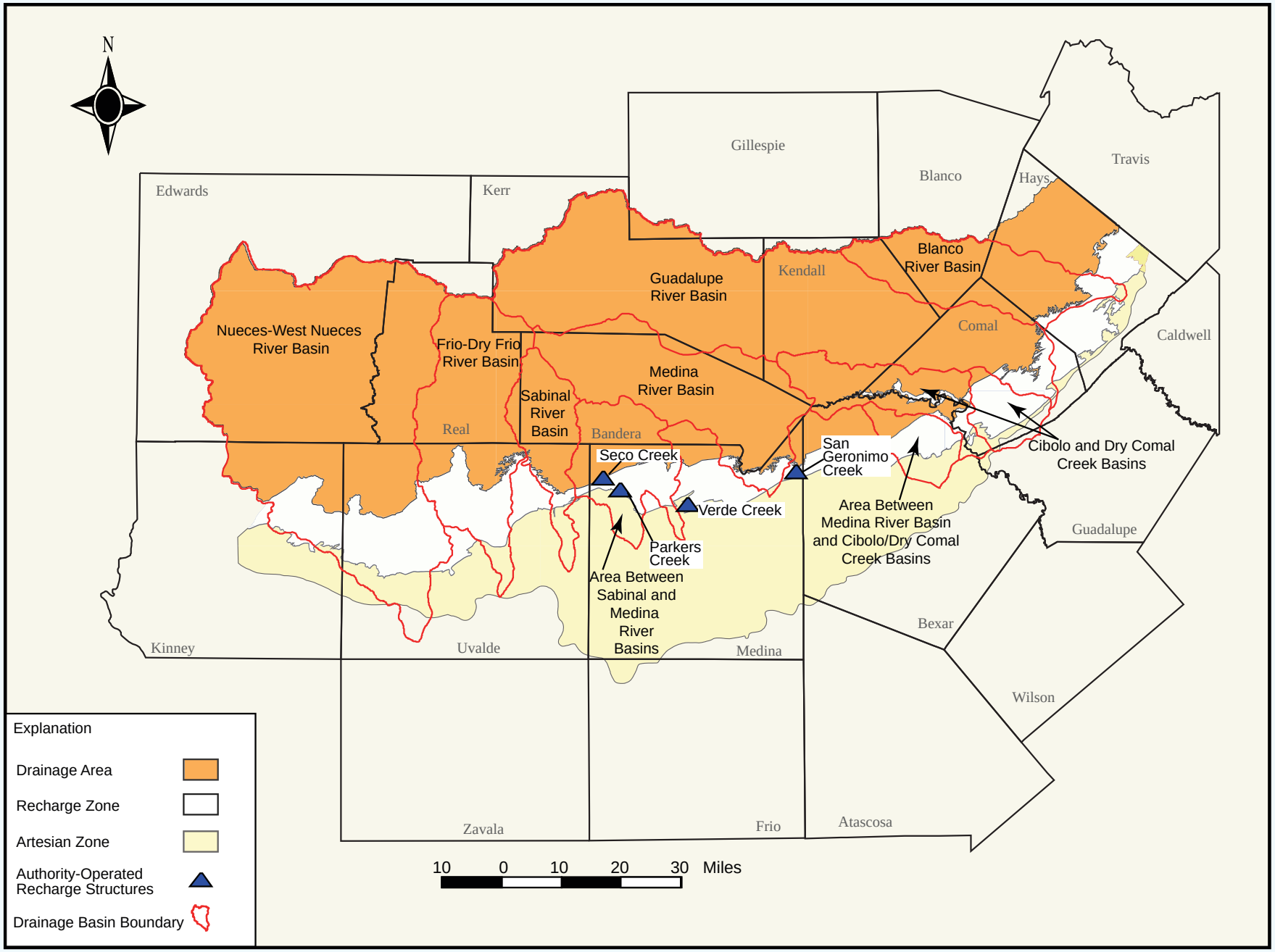
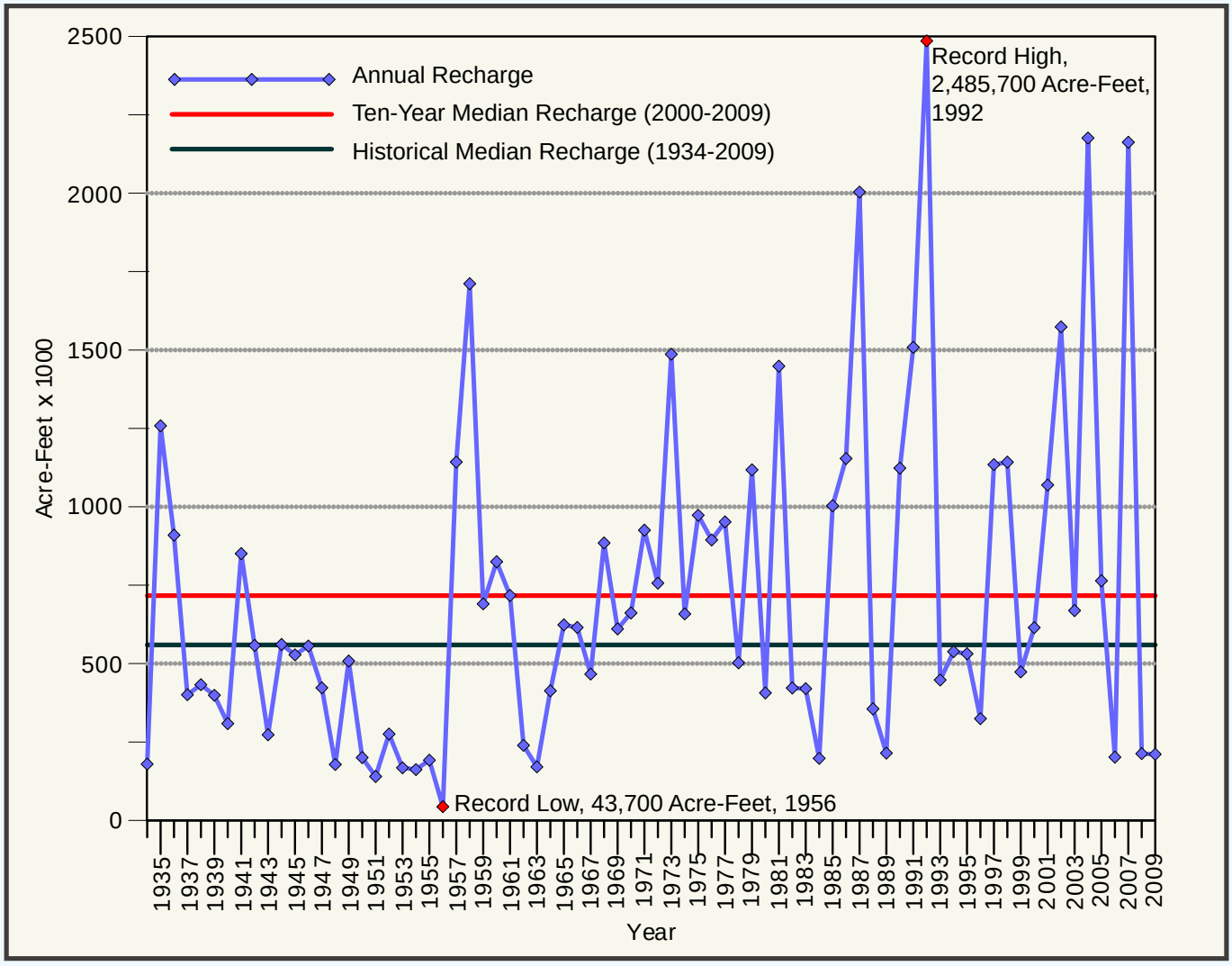


Figure 8. Estimated Annual Recharge and Ten-Year Floating Median Estimated Recharge for the San Antonio Segment of the Balcones Fault Zone Edwards Aquifer 1934–2009



(continued from page 23)

recharge volume of 210,900 acre-feet was well below the period of record (1934–2009) median estimated recharge value of 559,400 acre-feet; the corresponding mean value is 717,500 acre-feet. Calendar year 2009 exhibited drought conditions for most of the year, and these conditions, combined with the persistent drought conditions of calendar year 2008, resulted in below-normal recharge volumes for the year.

The Authority operates four recharge structures located on the Edwards Aquifer Recharge Zone (Figure 7). Total recharge for each site is calculated using data from stage recorders located near these structures. Table 8 shows the annual recharge (total recharge) for each site since construction. Combined recharge for these structures was 688.4 acre-feet in 2009.

Historical median and mean annual recharge attributed to the recharge structures is based on a period of record that reflects the date of construction through 2009. Approximate historical median annual recharge contributed by the combined structures is 941 acre-feet, whereas approximate historical mean annual recharge contributed by the combined structures is 5,012 acre-feet. Calendar year 2009 combined recharge volume for all four structures was below the median and mean value because of below-normal rainfall during the first ten months of the year.

Table 7. Hydrologic Simulation Program Fortran, Estimated Annual Groundwater Recharge to the Edwards Aquifer by Drainage Basin, 1950–2003 (measured in thousands of acre-feet).

Year	Nueces River/ West Nueces River basin	Frio River/ Dry Frio River basin	Sabinal River Basin	Area between Sabinal River and Medina River basin	Medina River Basin	Area between Medina River and Cibolo Creek/ Dry Comal Creek basins	Cibolo Creek/Dry Comal Creek basin	Guadalupe River Basin	Blanco River Basin	Total
1950	57.8	45.0	29.7	17.7	33.1	26.2	21.2	13.5	27.1	271.4
1951	42.0	35.6	14.5	54.4	30.0	19.8	20.6	20.9	45.0	282.8
1952	51.2	40.8	17.9	17.0	41.7	80.4	70.5	29.5	85.7	434.9
1953	73.4	48.6	20.2	24.8	47.9	46.3	45.2	26.3	71.9	404.7
1954	48.6	30.4	8.8	5.0	43.7	10.0	8.7	10.0	20.5	185.8
1955	57.1	34.5	10.2	10.1	43.7	12.6	10.4	17.6	35.7	232.0
1956	23.5	7.9	3.3	4.6	38.5	7.9	8.2	8.9	14.3	117.1
1957	211.3	160.3	70.5	87.8	65.2	221.2	179.5	40.7	139.6	1176.0
1958	270.7	265.9	145.5	167.0	63.3	179.8	141.7	31.5	112.1	1377.4
1959	170.3	173.3	67.2	66.7	48.7	92.6	63.6	35.7	128.4	846.4
1960	126.6	141.0	67.4	75.5	55.8	118.4	122.1	31.4	132.1	870.5
1961	149.5	169.4	71.6	68.4	46.9	69.3	52.0	22.1	68.5	717.6
1962	51.5	46.9	7.7	11.1	31.8	52.1	58.6	21.9	59.6	341.1
1963	59.2	38.9	10.1	10.9	25.9	30.0	23.5	14.7	34.3	247.5
1964	94.4	79.5	26.1	30.9	29.7	63.2	67.1	22.1	51.4	464.3
1965	134.0	106.8	42.9	67.1	55.1	170.1	159.9	37.8	129.6	903.3
1966	106.4	115.9	46.7	62.0	49.4	83.2	71.0	21.0	70.7	626.4
1967	81.9	103.1	44.7	59.7	42.4	67.3	66.4	19.8	50.5	535.8
1968	145.4	175.0	99.3	118.5	58.6	139.8	125.7	28.9	102.9	994.1
1969	166.1	142.5	57.4	62.1	50.2	105.1	94.4	30.0	95.0	802.7
1970	86.1	122.7	48.4	73.5	48.8	78.2	50.7	25.4	81.3	615.1
1971	177.8	177.5	65.4	113.1	50.0	133.0	92.8	23.7	61.7	894.9
1972	72.3	118.4	52.8	58.2	50.0	139.0	125.1	24.8	71.1	711.8
1973	148.9	195.4	102.7	158.9	57.0	230.2	194.2	40.4	134.5	1262.3
1974	175.1	167.1	66.5	98.1	48.8	113.3	65.5	32.3	100.8	867.6
1975	134.7	145.3	59.3	99.1	53.3	120.5	81.4	39.5	149.7	882.8
1976	288.8	250.5	89.8	139.9	45.6	161.9	150.2	39.0	128.6	1294.2
1977	116.3	151.2	76.5	72.1	48.9	110.3	89.5	22.4	74.3	761.2
1978	64.5	73.1	39.1	28.2	52.7	82.8	67.1	21.9	59.1	488.5
1979	175.4	163.3	84.3	104.2	64.2	145.6	98.7	30.1	109.1	974.9
1980	91.0	88.3	35.8	21.9	44.0	65.5	62.8	23.7	58.9	491.7
1981	152.3	200.3	95.6	96.4	63.6	125.2	90.4	33.4	126.5	983.5
1982	100.6	106.2	28.8	25.0	38.0	61.0	59.0	18.9	47.2	484.7
1983	118.9	98.7	34.3	28.6	23.8	76.0	61.8	28.9	74.6	545.8
1984	66.5	58.2	21.5	23.4	15.5	37.7	27.9	18.3	45.3	314.3
1985	132.7	170.8	71.8	90.9	32.1	142.5	136.3	41.7	154.4	973.4
1986	169.0	157.5	74.4	100.5	43.2	131.4	85.6	33.7	114.3	909.6

(Table 7. continued)

Year	Nueces River/ West Nueces River basin	Frio River/ Dry Frio River basin	Sabinal River Basin	Area between Sabinal River and Medina River basin	Medina River Basin	Area between Medina River and Cibolo Creek/ Dry Comal Creek basins	Cibolo Creek/Dry Comal Creek basin	Guadalupe River Basin	Blanco River Basin	Total
1987	271.4	282.5	126.5	165.6	66.8	160.1	120.1	30.9	112.3	1336.1
1988	54.2	81.8	19.6	11.3	41.7	30.2	23.8	15.5	37.9	316.1
1989	68.1	58.8	15.0	7.6	36.7	32.7	29.3	18.0	40.3	306.5
1990	121.9	134.7	55.9	47.1	48.9	110.6	75.4	29.1	78.1	701.6
1991	89.6	112.4	63.9	71.1	60.3	146.0	131.5	38.5	137.2	850.4
1992	229.7	244.3	116.5	196.7	61.7	295.2	201.7	35.4	143.8	1525.0
1993	60.4	76.9	33.6	28.7	42.7	81.3	76.0	23.5	62.0	485.1
1994	172.9	162.1	38.9	23.7	41.4	94.2	78.4	29.8	83.9	725.4
1995	90.5	111.2	46.5	30.4	36.9	57.5	42.2	25.0	65.1	505.4
1996	71.1	78.3	13.3	6.5	31.0	28.4	25.2	21.0	50.3	325.1
1997	133.9	151.6	78.9	87.5	51.3	162.6	123.5	37.0	116.1	942.4
1998	155.0	152.3	82.1	123.4	51.1	195.4	157.9	38.0	173.5	1128.7
1999	85.3	95.0	33.8	26.6	41.1	34.5	21.1	16.0	43.9	397.3
2000	79.0	75.4	32.3	47.7	41.3	102.3	70.4	30.8	83.6	562.9
2001	106.1	117.6	79.0	57.9	221.2	205.7	229.3	37.7	119.2	1173.8
2002	115.0	126.9	72.7	84.4	196.6	190.9	123.7	18.2	57.7	986.2
2003	75.7	111.8	38.1	34.4	124.0	70.3	67.8	40.1	128.0	690.2
HSPF Recharge for the period 1950–2003										
Median	106.1	115.9	46.7	58.2	48.7	92.6	70.5	26.3	74.6	701.6
Mean	117.0	121.2	52.5	62.3	53.4	102.2	84.2	27.0	84.6	704.5
USGS Recharge for the period 1950–2003										
Median	107.8	134.9	35.8	93.8	68.4	53.2	80.2	N/A*	37.2	641.0
Mean	126.1	150.5	47.0	121.7	65.9	74.1	115.2	N/A*	49.1	749.6

HSPF data source: LBG Guyton Associates (2005) and Clear Creek Solutions (2007).
* = Historical USGS methodology for recharge does not attribute any net recharge for the Guadalupe River Basin.

Table 8. Estimated Annual Edwards Aquifer Recharge from Edwards Aquifer Authority-Operated Recharge Structures (measured in acre-feet).

Year	Parker (April 1974)	Verde (April 1978)	San Geronimo (November 1979)	Seco (October 1982)	Annual Total
1974	160	---	---	---	160
1975	620	---	---	---	620
1976	2,018	---	---	---	2,018
1977	6	---	---	---	6
1978	98	150	---	---	248
1979	2,315	1,725	0	---	4,040
1980	0	371	903	---	1,274
1981	772	1,923	1,407	---	4,102
1982	3	112	91	0	206
1983	0	254	0	0	254
1984	251	246	0	143	640
1985	232	440	1,097	643	2,412
1986	217	889	963	1,580	3,649
1987	2,104	4,141	1,176	12,915	20,336
1988	0	0	0	0	0
1989	0	0	0	0	0
1990	49	176	41	479	745
1991	647	966	1,647	2,160	5,420
1992	723	2,775	2,874	14,631	21,003
1993	0	0	334	508	842
1994	159	0	0	5	164
1995	18	79	51	880	1,028
1996	0	0	0	0	0
1997	2,941[a]	2,154[b]	1,579[b]	7,515[b]	14,189[b]
1998	1,469[a/b]	1,160[b]	872[b]	3,796b	7,297b
1999	0[b]	0[b]	0[b]	50[c]	50[b/c]
2000	901[b]	1,371[b]	1,023[b]	4,606[b]	7,901[b]
2001	526[b]	657[b/d]	1,085[b/d]	2,154[b/d]	4,422[b/d]
2002	1,811	1,511	4,350	18,872	26,544
2003	665	184	0	465	1,314
2004	2,363	170	4,778	14,682	21,993
2005	795	0	0	58	853
2006	0	0	0	0	0
2007	5,998	2,091	7,268	10,645	26,002
2008	2.6	2.5	0	0	5
2009	630.3	30.5	0.1	27.5	688.4
Total	28,494	23,578	31,539	96,815	180,426
Median	242	215	91	494	941
Mean	791	737	1,017	3,458	5,012

Data source: Unpublished Edwards Aquifer Authority files (2010).

[a] = Written communication from USGS, San Antonio Subdistrict Office.

[b] = Determined by linear regression analysis using rainfall data and historical recharge data.

[c] = Linear regression analysis indicates zero recharge; however, one recharge event was observed that was estimated to have recharged 50 acre-feet.

[d] = Part of 2001 recharge estimate provided by HDR Engineering, Inc. (unpublished report).

--- = Years prior to construction of the recharge structure.

Groundwater Discharge and Usage

Groundwater discharges from the Edwards Aquifer as springflow or as pumping from wells. Springflow is the primary basis of recreational economies in New Braunfels and San Marcos, and the springs provide habitat for threatened and endangered animal and plant species. Figure 9 shows locations of the major springs in the Edwards Aquifer region. Wells provide water for many diverse uses in south central Texas, including irrigation, municipal water supplies, industrial applications, and domestic/livestock consumption. The amount of groundwater discharged as springflow has historically been greater than the amount discharged through wells.

Estimates of annual total groundwater discharge from springflow and pumping for the Edwards Aquifer are available from 1934 through 2009 (Table 9). Annual total groundwater discharge estimates range from a low of 388,800 acre-feet in 1955, to a high of 1,130,000 acre-feet in 1992. In 2009, the total groundwater discharged from the Edwards Aquifer from wells and springs was estimated at 683,765 acre-feet.

Springflow was calculated by measuring streamflow downstream of the springs and converting the streamflow measurements to spring discharge. Continuous recording equipment is located at Leona, Hueco, Comal, and San Marcos springs. Periodic measurements were performed at San Pedro and San Antonio springs. The Authority also has completed an investigation related to potential underflow through the Leona Gravels near Leona Springs (Green, 2004). According to results of the investigation, the potential exists for actual springflow at Leona Springs being significantly higher than what has historically been attributed to this area.

Springflow from 1934 through 2009 has varied from a low of 69,800 acre-feet in 1956 to a high of 802,800 acre-feet in 1992 (Table 9). Table 10 lists the monthly estimated discharge in 2009 for the six primary Edwards Aquifer springs. Spring discharge from the Edwards Aquifer for 2009 was calculated at 287,975 acre-feet, which is below the mean and the median spring discharge for the period of record 1934–2009. The mean period of record discharge is 384,360 acre-feet, whereas the median period of record spring discharge is 384,200 acre-feet. The low springflow volume in 2009 indicates the effect of drought conditions that began in September 2007 and continued through most of 2009.

Figure 10 is a graph comparing the relationship between estimated Edwards Aquifer well discharge and (total) springflow. The figure shows the variability in well discharge and springflow over the period of record. Well discharge is generally highest in dry years, whereas springflow is highest in wet years. The lowest estimated annual well discharge was 101,900 acre-feet recorded in 1934. In 2009, total estimated well discharge was approximately 395,790 acre-feet. Total estimated well production for 2009 was less than the 2008 estimate by approximately 33,000 acre-feet. Part of this reduction is likely due to mandatory conservation measures enacted across the region during calendar year 2009.

The median estimated well production for the period of record (1934–2009) is 324,150 acre-feet per year. The median estimated well production for the ten-year period, 2000 through 2009, is 311,380 acre-feet. Estimated well discharge from Kinney County prior to calendar year 2008 has been included in discharge estimates and statistics for this report. However, starting with the Edwards Aquifer Authority Hydrologic Data Report for 2008, well discharges in Kinney County are no longer included in the data set. Recent hydrologic budget research (Green and others, 2006) indicates that well discharges in Kinney County that could be related to the aquifer are small and not generally metered. Note that past years still contain estimated well discharges for Kinney County, which are 1,900 acre-feet total, 600 acre-feet of which are attributed to irrigation, 1,000 acre-feet to municipal use, and 300 acre-feet to domestic and livestock use.

For the purposes of this report, well discharge is either nonreported discharge, such as domestic, livestock, or federal facility use, or reported discharge. Reported discharge refers to water pumped from the aquifer by a user holding a groundwater withdrawal permit. These

(continued on page 35)

Figure 9. Major Springs in the San Antonio Segment of the Balcones Fault Zone Edwards Aquifer

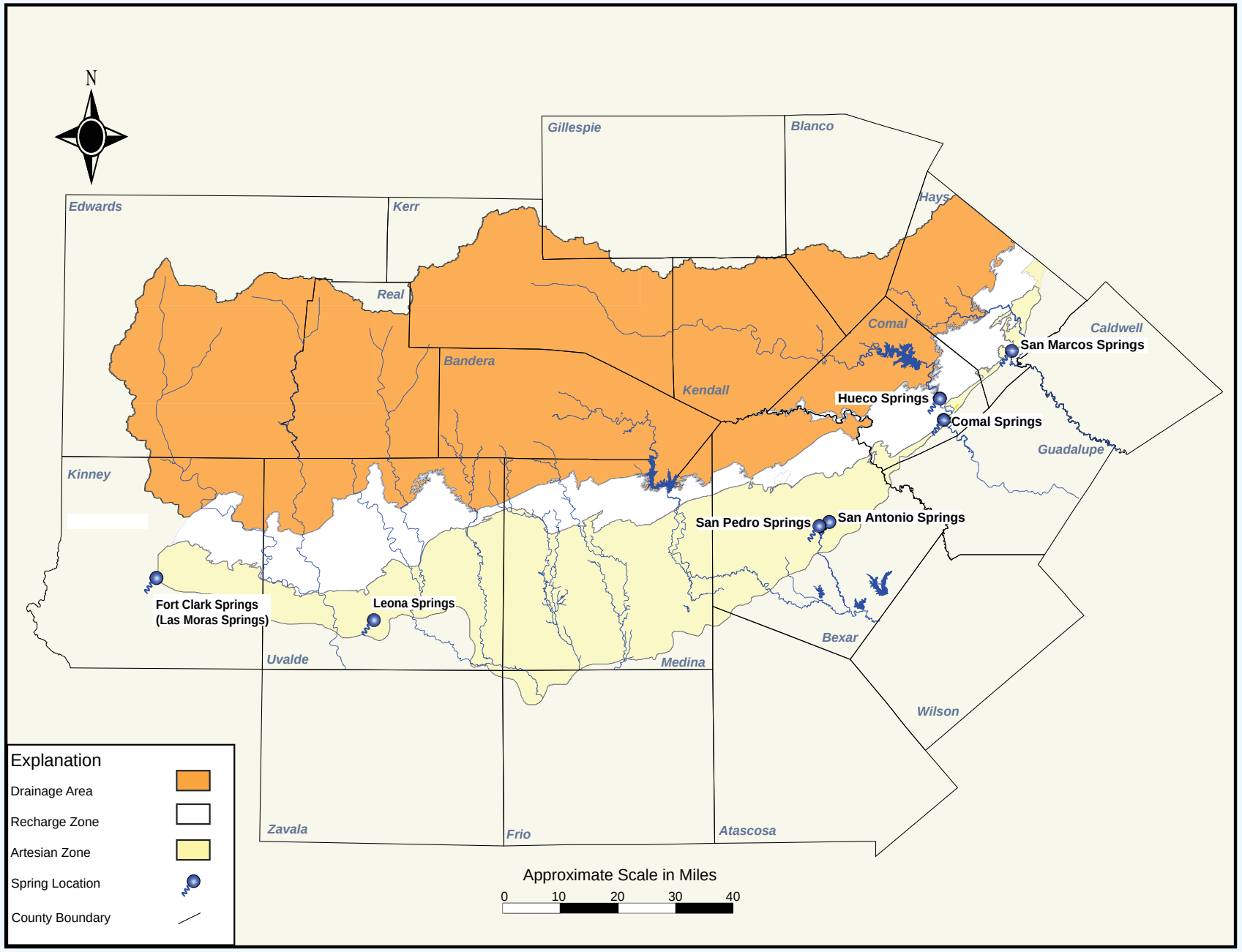


Table 9. Annual Estimated Groundwater Discharge Data by County for the Edwards Aquifer, 1934–2009 (measured in thousands of acre-feet).

Year	Uvalde[a]	Medina	Bexar	Comal	Hays	Total Wells	Total Springs	Total Discharge
1934	12.6	1.3	109.3	229.1	85.6	101.9	336.0	437.9
1935	12.2	1.5	171.8	237.2	96.9	103.7	415.9	519.6
1936	26.6	1.5	215.2	261.7	93.2	112.7	485.5	598.2
1937	28.3	1.5	201.8	252.5	87.1	120.2	451.0	571.2
1938	25.2	1.6	187.6	250.0	93.4	120.1	437.7	557.8
1939	18.2	1.6	122.5	219.4	71.1	118.9	313.9	432.8
1940	16.1	1.6	116.7	203.8	78.4	120.1	296.5	416.6
1941	17.9	1.6	197.4	250.0	134.3	136.8	464.4	601.2
1942	22.5	1.7	203.2	255.1	112.2	144.6	450.1	594.7
1943	19.2	1.7	172.0	249.2	97.2	149.1	390.2	539.3
1944	11.6	1.7	166.3	252.5	135.3	147.3	420.1	567.4
1945	12.4	1.7	199.8	263.1	137.8	153.3	461.5	614.8
1946	6.2	1.7	180.1	261.9	134.0	155.0	428.9	583.9
1947	13.8	2.0	193.3	256.8	127.6	167.0	426.5	593.5
1948	9.2	1.9	159.2	203.0	77.3	168.7	281.9	450.6
1949	13.2	2.0	165.3	209.5	89.8	179.4	300.4	479.8
1950	17.8	2.2	177.3	191.1	78.3	193.8	272.9	466.7
1951	16.9	2.2	186.9	150.5	69.1	209.7	215.9	425.6
1952	22.7	3.1	187.1	133.2	78.8	215.4	209.5	424.9
1953	27.5	4.0	193.7	141.7	101.4	229.8	238.5	468.3
1954	26.6	6.3	208.9	101.0	81.5	246.2	178.1	424.3
1955	28.3	11.1	215.2	70.1	64.1	261.0	127.8	388.8
1956	59.6	17.7	229.6	33.6	50.4	321.1	69.8	390.9
1957	29.0	11.9	189.4	113.2	113.0	237.3	219.2	456.5
1958	23.7	6.6	199.5	231.8	155.9	219.3	398.2	617.5
1959	43.0	8.3	217.5	231.7	118.5	234.5	384.5	619.0
1960	53.7	7.6	215.4	235.2	143.5	227.1	428.3	655.4
1961	56.5	6.4	230.3	249.5	140.8	228.2	455.3	683.5
1962	64.6	8.1	220.0	197.5	98.8	267.9	321.1	589.0
1963	51.4	9.7	217.3	155.7	81.9	276.4	239.6	516.0
1964	49.3	8.6	201.0	141.8	73.3	260.2	213.8	474.0
1965	46.8	10.0	201.1	194.7	126.3	256.1	322.8	578.9
1966	48.5	10.4	198.0	198.9	115.4	255.9	315.3	571.2
1967	81.1	15.2	239.7	139.1	82.3	341.3	216.1	557.4
1968	58.0	9.9	207.1	238.2	146.8	251.7	408.3	660.0
1969	88.5	13.6	216.3	218.2	122.1	307.5	351.2	658.7
1970	100.9	16.5	230.6	229.2	149.9	329.4	397.7	727.1
1971	117.0	32.4	262.8	168.2	99.1	406.8	272.7	679.5
1972	112.6	28.8	247.7	234.3	123.7	371.3	375.8	747.1
1973	96.5	14.9	273.0	289.3	164.3	310.4	527.6	838.0
1974	133.3	28.6	272.1	286.1	141.1	377.4	483.8	861.2
1975	112.0	22.6	259.0	296.0	178.6	327.8	540.4	868.2
1976	136.4	19.4	253.2	279.7	164.7	349.5	503.9	853.4
1977	156.5	19.9	317.5	295.0	172.0	380.6	580.3	960.9
1978	154.3	38.7	269.5	245.7	99.1	431.8	375.5	807.3
1979	130.1	32.9	294.5	300.0	157.0	391.5	523.0	914.5
1980	151.0	39.9	300.3	220.3	107.9	491.1	328.3	819.4
1981	104.2	26.1	280.7	241.8	141.6	387.1	407.3	794.4
1982	129.2	33.4	305.1	213.2	105.5	453.1	333.3	786.4
1983	107.7	29.7	277.6	186.6	118.5	418.5	301.6	720.1
1984	156.9	46.9	309.7	108.9	85.7	529.8	178.3	708.1
1985	156.9	59.2	295.5	200.0	144.9	522.5	334.0	856.5
1986	91.7	41.9	294.0	229.3	160.4	429.3	388.0	817.3
1987	94.9	15.9	326.6	286.2	198.4	364.1	557.9	922.0
1988	156.7	82.2	317.4	236.5	116.9	540.0	369.7	909.7
1989	156.9	70.5	305.6	147.9	85.6	542.4	224.1	766.5
1990	118.1	69.7	276.8	171.3	94.1	489.4	240.6	730.0
1991	76.6	25.6	315.5	221.9	151.0	436.0	354.6	790.6
1992	76.5	9.3	370.5	412.4	261.3	327.2	802.8	1130.0
1993	107.5	17.8	371.0	349.5	151.0	407.3	589.4	996.7
1994	95.5	41.1	297.7	269.8	110.6	424.6	390.2	814.8
1995	90.8	35.2	272.1	235.0	127.8	399.6	361.3	761.0
1996	117.6	66.3	286.8	150.2	84.7	493.6	212.0	705.6
1997	77.0	31.4	260.2	243.3	149.2	377.1	383.9	761.1
1998	113.1	51.3	312.4[b]	271.8[c]	168.8	453.5	464.1	917.6
1999	104.0	49.2	307.1[b]	295.5[c]	143.0	442.7	456.1	898.8
2000	89.1	45.1	283.6[b]	226.1[c]	108.4	414.8	337.5	752.3
2001	68.6	33.9	291.6[b]	327.7[c]	175.4	367.7	529.6	890.0
2002	76.2	40.6	311.9[b]	350.4[c]	202.1	371.3	609.9	981.2
2003	89.4	34.8	331.7[b]	344.7[c]	176.3	362.1	621.5	976.9
2004	91.3	22.5	331.9[b]	341.4[c]	153.1	317.4	622.9	940.3
2005	107.4	37.3	366.1[b]	349.3[c]	175.6	388.5	647.1	1035.7
2006	107.5	64.9	289.5	216.7	87.9	454.5	312.0	766.5
2007	64.6	18.4	330.2	331.7	196.0	319.9	621.0	940.9
2008	102.0	48.8	320.4	266.6	108.0	428.6	417.1	845.7
2009	76.9	47.3	265.2	206.6	87.9	395.8	287.9	683.8
For period of record 1934–2009:								
Median	76.6	16.2	250.5	234.7	117.7	324.2	384.2	694.7
Mean	73.2	22.2	247.3	230.2	122.6	311.4	384.4	695.6
For period of record 2000–2009 (last ten years):								
Median	89.3[a]	39.0	316.2	329.7	164.3	379.9	569.8	915.2
Mean	87.5	39.4	312.2	296.1	147.1	382.1	500.7	881.3

Data source: USGS and Edwards Aquifer Authority files (2010).

[a] = As of 2008, no longer includes Kinney County discharge; prior years include 1,900 acre-feet of discharge for Kinney County.

[b] = Includes reports of Edwards Aquifer irrigators in Atascosa County.

[c] = Includes reports of Edwards Aquifer industrial and municipal users in Guadalupe County.

Differences in totals may occur as a result of rounding.

Table 10. Estimated Spring Discharge from the Edwards Aquifer, 2009 (measured in acre-feet).

Month	Leona Springs and Leona River **Underflow**	San Pedro Springs	San Antonio Springs	Hueco Springs	Comal Springs	San Marcos Springs	Total Monthly Discharge from Springs
January	1,970	270	322	358	17,910	6,000	26,830
February	1,406	180	16	364	15,570	5,480	23,016
March	1,487	195	0.16	505	16,610	6,140	24,937
April	1,574	110	0	405	15,630	5,680	23,399
May	764	30	0	494	14,210	5,680	21,178
June	396	10	0	338	11,850	5,340	17,934
July	366	.65	0	194	10,180	5,420	16,161
August	415	0	0	270	10,290	5,330	16,305
September	471	3.23	0	1,880	11,610	5,550	19,514
October	549	167	7.41	5,200	16,390	9,080	31,393
November	552	277	68.3	4,130	17,590	10,670	33,287
December	584	295	91.2	2,590	19,180	11,280	34,020
Total	10,534	1,538	505	16,728	177,020	81,650	287,975

Data source: USGS unpublished report (2010).

(continued from page 32)

users, who are typically larger quantity users, meter their withdrawals and report the totals to the Authority. As such, reported withdrawals accounted for approximately 377,255 acre-feet of water pumped from the Edwards Aquifer in 2009. Unreported pumping consisting of estimated amounts for domestic and livestock use and Federal facilities totals 18,536 acre-feet for calendar year 2009. As such, reported withdrawals combined with estimated unreported withdrawals total 395,790 acre-feet for the year. As such, reported withdrawals combined with unreported withdrawals equate to a total well discharge for the year of 395,687 acre-feet. Table 11 provides a comprehensive summary of well and spring-discharge information from the Edwards Aquifer for calendar year 2009.

Reported withdrawal estimates are based on metered wells throughout the region and are the most accurate estimates of well discharge. Nonreported discharge estimates are generally less accurate than reported discharge because domestic and livestock numbers are not based on metered amounts. Prior to 1999, well-discharge estimates were provided to the Authority by the USGS as estimates based on various methodologies that represented the best available information at the time. However, in 1999 the Authority adopted rules requiring all irrigation, industrial, and municipal wells to be metered, subsequently improving estimates of well discharge from that period forward.

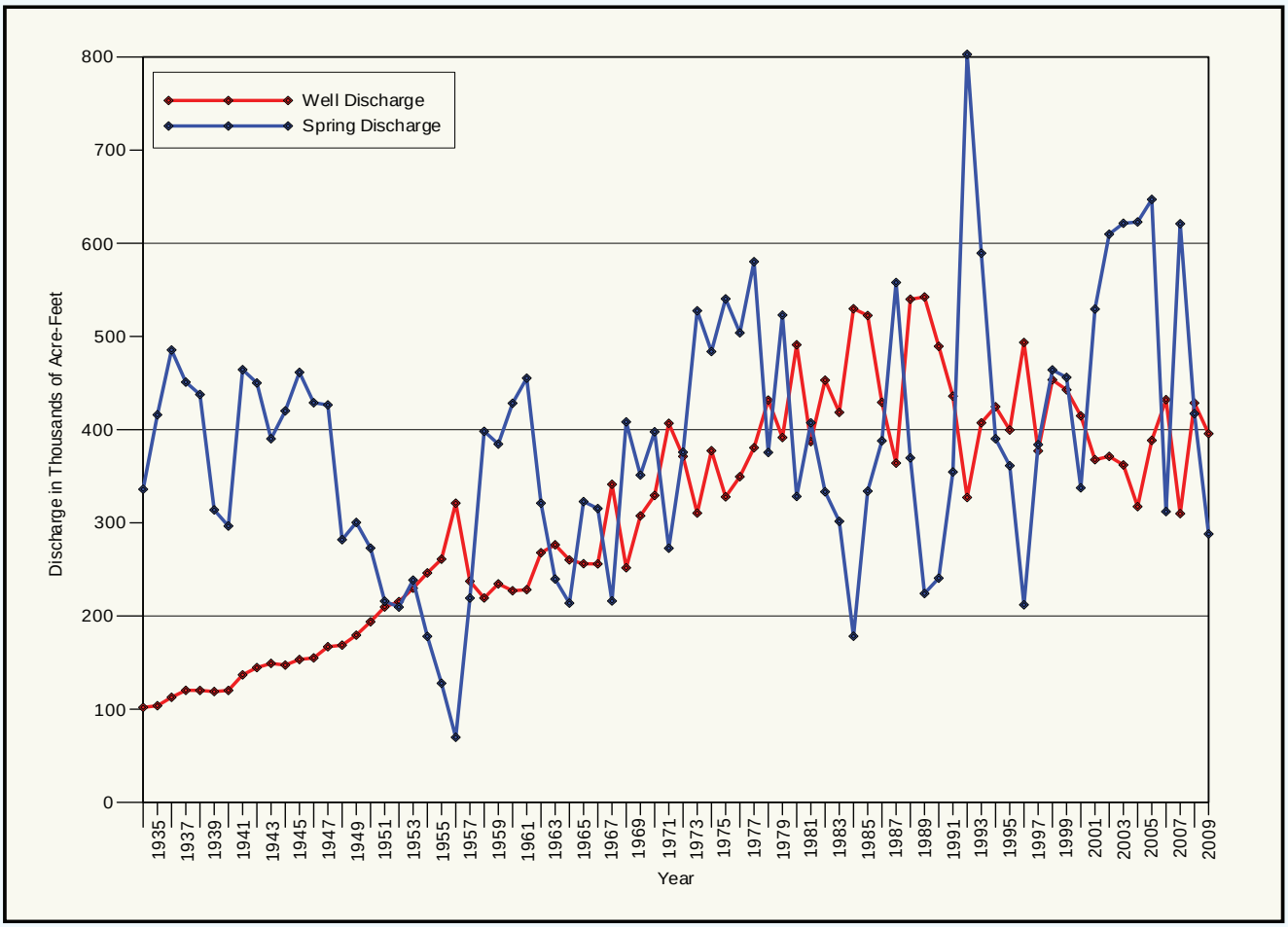
Discharge for wells and springs over the last ten years has fluctuated with variations in timing, duration, and magnitude of rainfall for any given year. Generally, dry years exhibit the highest well-discharge volumes, whereas wet years show the greatest spring-discharge volumes. Since 2000, well discharge has varied from a low of approximately 317,400 acre-feet (in 2004) to a high of approximately 454,500 acre-feet (in 2006). During the same period, spring discharge has varied from a low of approximately 288,000 acre-feet (in 2009) to a high of approximately 647,100 acre-feet (in 2005). The ten-year high for well discharge recorded in 2006 may be correlated with below-average rainfall that occurred for consecutive years (2005 and 2006). As a result, 2006 was characterized by low springflow volumes and high well-discharge volumes. Calendar year 2009 has the fourth-highest well discharge and lowest springflow for the immediate ten-year period (2000–2009).

Table 12 shows total discharge data by use for the period 1955 through 2009 for the region. The discharge estimates were compiled from pumpage data reported to the Authority by irrigation, industrial, and municipal users, as well as estimates for domestic and livestock use and nonreporting federal facilities. Discharge is summarized graphically in Figure 11 by type of use and total discharge for wells versus springs. Springflow at San Marcos and Comal springs is summarized graphically in Figure 12. In this figure, the annual mean flow value at each spring complex is plotted against historical mean flow for each of the two spring complexes. Tables 13 and 14 show reported withdrawals (actual metered discharge from wells) within the jurisdictional area of the Authority. Table 13 summarizes actual reported groundwater withdrawal totals by year and type of use. Table 14 summarizes actual reported groundwater withdrawals by county and type of use, as well as measured springflows since calendar year 1999.

Prior to 1997, the USGS estimated discharge for irrigation users and obtained metered discharge data from cooperative municipal and industrial users. To estimate irrigation discharge, county soil and water conservation districts provided the USGS with estimates of irrigation "duties" for selected crop types. The USGS then multiplied these duties by amounts of irrigated acreage by crop type, as provided by the U.S. Department of Agriculture (USDA), thereby determining an estimate of irrigation uses from the Edwards Aquifer.

In 1997, the Authority initiated the Edwards Aquifer Well Metering Program, which requires meters for

Figure 10. Groundwater Pumping Compared with Springflow from the Edwards Aquifer, 1934–2009 (measured in thousands of acre-feet)



all municipal, industrial, and irrigation wells in the Edwards Aquifer. Since 1998, the Authority has utilized well-pumpage data from the Well Metering Program to estimate well discharge. Availability of direct-pumpage data has significantly improved the discharge-estimating process.

In 2001, the Authority implemented a well-construction permitting system requiring all new wells drilled in the Edwards Aquifer to have a well-construction permit. Well-construction permitting data were used to develop updated estimates for the domestic/livestock use category in Tables 11 and 12. On the basis of the addition of 51 wells in the category of domestic/livestock in 2009, domestic/livestock use was increased by approximately 32 acre-feet for 2009, as compared with that of 2008. Estimated mean domestic/livestock usage of 564 gallons per well per day is based on the methodology outlined in William F. Guyton Associates (1992). New domestic/livestock wells, by county, installed in calendar year 2009 are

- Uvalde 12,
- Medina 20,
- Bexar 6,
- Comal 9, and
- Hays 4.

Figure 11. Distribution of Total Discharge from the Edwards Aquifer by Springs and Wells for Calendar Year 2009

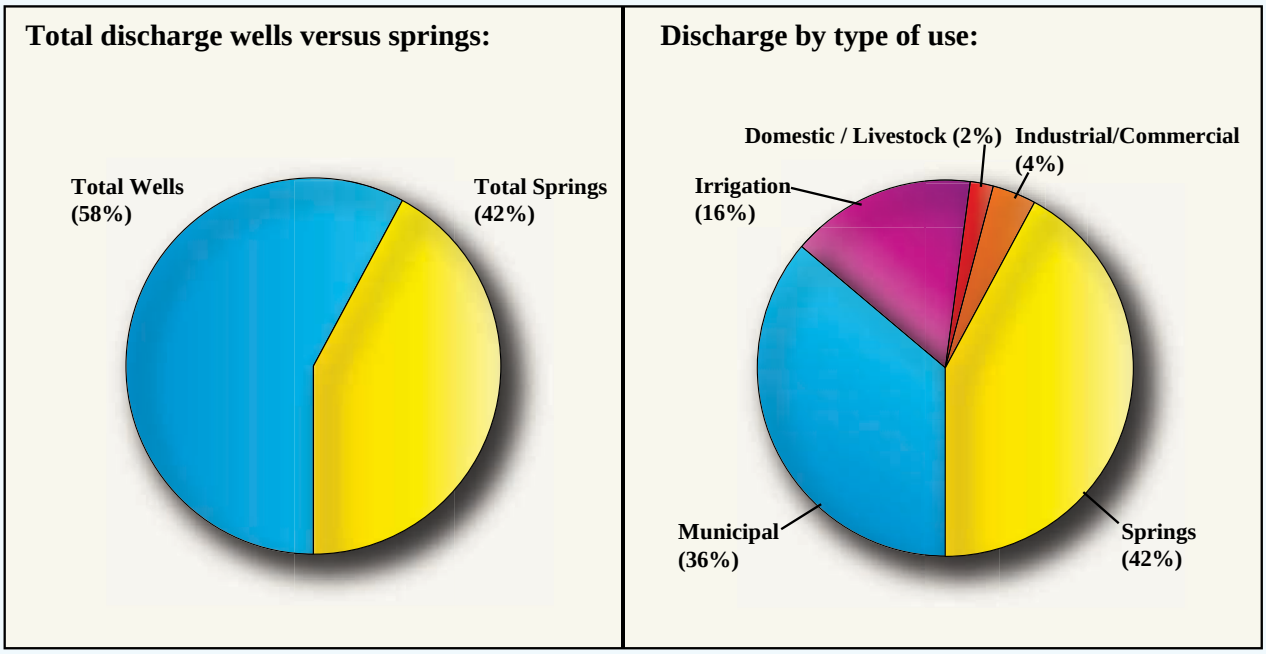
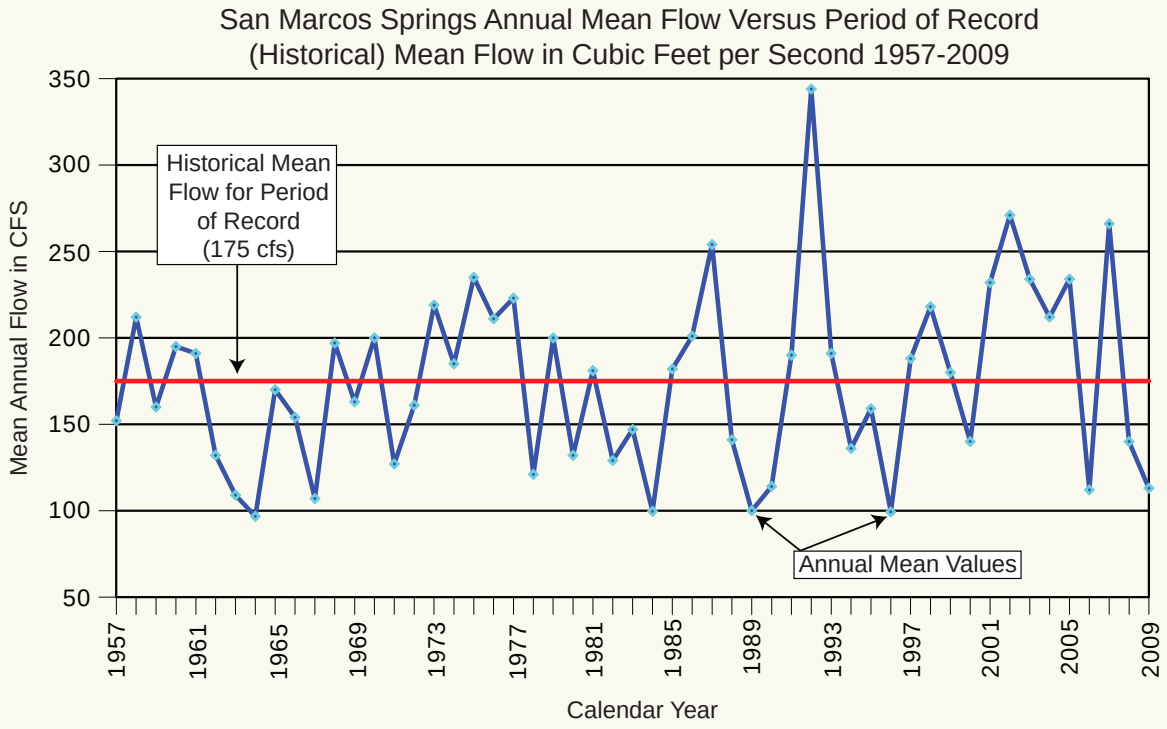


Figure 12. Annual Versus Period of Record Mean Springflow, San Marcos and Comal Springs



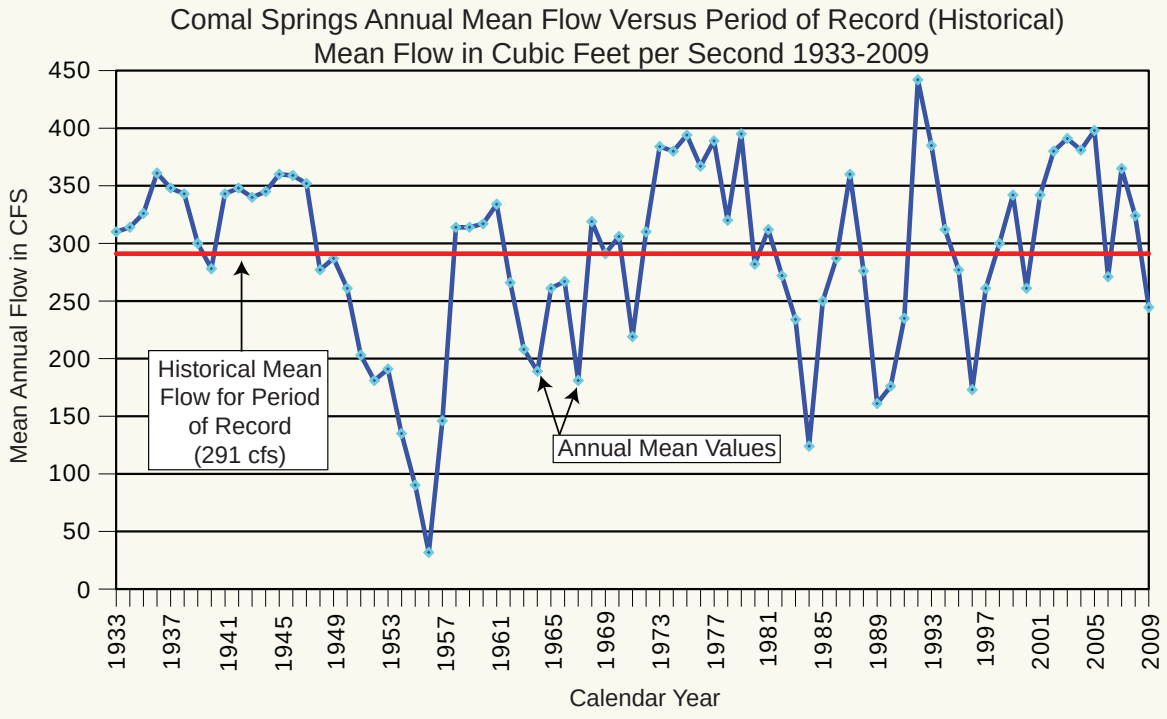


Table 11. Comprehensive Discharge Summary for Calendar Year 2009 (in acre-feet).

	Reported Use (permitted wells)			Unreported Use				
County	Irrigation	Municipal	Industrial	Domestic or Livestock*	Nonreporting Facilities*	Total Well Discharge	Spring Discharge	Total Wells and Springs
Atascosa	1,150	0	0	0	0	1,150	0	1,150
Bexar	10,233	221,633	16,766	8,879	4,483	261,994	2,045	264,039
Comal	65	6,620	5,409	375	0	12,469	193,740	206,209
Guadalupe	1	161	210	0	0	372	0	372
Hays	275	3,423	1,378	845	309	6,127	81,660	87,787
Medina	38,348	6,409	1,456	1,046	0	47,259	0	47,259
Uvalde	58,814	4,797	107	2,430	169	66,317	10,530	76,847
Totals	108,886	243,043	25,326	13,575	4,961	395,790	287,975	683,765

* Federal facilities, domestic and livestock wells do not report annual use (nonreporting); quantities estimated.

Table 12. Annual Estimated Edwards Aquifer Groundwater Discharge by Use, 1955–2009 (measured in thousands of acre-feet).

Year	Irrigation	Municipal	Domestic/ Stock	Industrial/ Commercial	Springs	Total
1955	85.2	120.5	30.1	25.1	127.8	388.7
1956	127.2	138.3	28.9	22.4	69.8	386.6
1957	68.8	116.1	29.8	22.6	219.2	456.5
1958	47.2	113.7	33.4	25.1	398.2	617.6
1959	60.0	118.9	31.5	24.2	384.5	619.1
1960	54.9	121.1	29.1	23.3	428.3	656.7
1961	52.1	124.5	29.6	22.2	455.3	683.7
1962	72.7	143.7	28.8	22.8	321.1	589.1
1963	75.4	151.8	27.8	21.8	239.6	516.4
1964	72.6	140.2	26.3	21.7	213.8	474.6
1965	68.0	138.8	27.0	22.3	322.8	578.9
1966	68.2	141.8	23.3	22.6	315.3	571.2
1967	119.4	171.0	25.1	25.8	216.1	557.4
1968	59.3	146.9	25.5	20.0	408.3	660.0
1969	95.2	162.0	29.2	21.1	351.2	658.7
1970	110.1	167.5	29.3	22.5	397.7	727.1
1971	159.4	196.2	28.6	22.6	272.7	679.5
1972	128.8	190.5	30.8	21.1	375.8	747.0
1973	82.2	177.1	32.3	18.8	527.6	838.0
1974	140.4	174.6	33.5	15.1	483.3	846.9
1975	96.4	182.5	33.6	15.3	540.4	868.2
1976	118.2	182.1	34.6	14.7	503.9	853.5
1977	124.2	205.3	38.1	13.0	580.3	960.9
1978	165.8	214.2	40.3	11.5	375.5	807.3
1979	126.8	208.9	40.7	15.2	523.0	914.6
1980	177.9	256.2	43.3	13.7	328.3	819.4
1981	101.8	231.8	40.9	12.6	407.3	794.4
1982	130.0	268.6	39.5	15.0	333.3	786.4
1983	115.9	249.2	38.8	14.7	301.5	720.1
1984	191.2	287.2	36.2	15.2	178.3	708.1
1985	203.1	263.7	39.2	16.5	334.0	856.5
1986	104.2	266.3	42.0	16.8	388.0	817.3
1987	40.9	260.9	43.5	18.7	557.9	921.9
1988	193.1	286.2	41.9	18.8	369.7	909.7
1989	196.2	285.2	38.2	22.9	224.1	766.6
1990	172.9	254.9	37.9	23.7	240.6	730.0
1991	88.5	240.5	39.5	67.5	354.6	790.6
1992	27.1	236.5	34.8	29.0	802.8	1130.2
1993	69.3	252.0	49.9	36.1	589.4	996.7
1994	104.5	247.0	33.9	39.3	390.2	814.9
1995	95.6	255.0	11.6	37.3	361.3	760.8
1996	181.3	261.3	12.3	38.8	212.0	705.7

(Table 12. continued)

Year	Irrigation	Municipal	Domestic/ Stock	Industrial/ Commercial	Springs	Total
1997	77.4	253.0	12.3	34.4	383.9	761.0
1998	131.9	266.5	13.4	41.7b	464.1	917.6
1999	109.8	282.6	13.4	43.3	456.1	905.1
2000	105.6	265.8	13.4	33.8	337.5	756.1
2001	78.7	256.3	13.4	30.7	529.4	908.4
2002	97.0	232.8	13.6	32.7	609.9	986.1
2003	79.6	234.9	13.7	32.1	621.5	981.8
2004	55.4	218.1	13.8	28.4	622.9	938.7
2005	85.3	252.8	13.8	34.7	647.1	1,033.8
2006	149.1	256.9	13.8	34.8	312.0	766.6
2007	42.5	233.6	13.8	28.0	620.6	938.4
2008	112.7	271.1	13.5*	29.2	417.1	843.6
2009	108.9	247.5	13.6*	25.8	288.0	683.8
For period of record 1955–2009:						
Median	101.8	232.8	29.6	22.6	383.9	766.6
Mean	105.6	211.3	28.5	25.1	395.2	765.6
For period of record 2000–2009 (last ten years):						
Median	91.2	250.2	13.7	31.4	569.7	923.4
Mean	91.5	247.0	13.6	31.0	500.6	883.7

Data source: USGS unpublished report and Edwards Aquifer Authority files (2010).
* = Revision based on number of new wells permitted annually and discontinuation of Kinney County estimates in total.
Differences in totals may occur as a result of rounding
Table contains data for "reported" and "nonreported" withdrawals.

Table 13. Groundwater Withdrawals Attributed to Permit Holders (Reported Withdrawals) and Type of Use within the Edwards Aquifer Authority Jurisdictional Area, 1999–2009 (in acre feet).

Year	Municipal	Industrial/ Commercial	Irrigation	Total
1999	277,101	42,933	109,156	429,190
2000	260,291	33,473	104,970	398,734
2001	250,781	30,307	78,088	359,176
2002	227,362	32,328	96,445	356,135
2003	229,455	31,688	79,015	340,158
2004	212,630	28,072	54,793	295,495
2005	247,344	34,327	84,733	366,404
2006	251,390	34,472	148,480	434,342
2007	228,121	27,575	41,864	297,559
2008	266,655	28,815	112,708	408,178
2009	243,043	25,326	108,886	377,255

Data source: Edwards Aquifer Authority files (2010). Table contains only "reported" withdrawals at the time of report preparation.

Table 14. Groundwater Discharge Attributed to Permit Holders (Reported Withdrawals) by Type of Use and **Springflow within the Edwards Aquifer Authority Jurisdictional Area by County, 1999–2009 (reported in acre feet).**

County	Year	Municipal	Industrial/ Commercial	Irrigation	Total Well Discharge	Spring-flow
Uvalde	1999	7,106	2,046	58,857	68,009	33,100
	2000	7,137	1,636	57,910	66,683	19,100
	2001	4,790	921	43,160	48,871	15,520
	2002	4,361	624	54,855	59,840	12,200
	2003	4,023	488	44,765	49,276	35,900
	2004	3,834	218	34,364	38,416	48,700
	2005	4,248	940	46,428	51,616	51,570
	2006	5,250	307	79,076	84,633	20,480
	2007	3,728	198	26,090	30,016	30,290
	2008	4,768	126	63,715	68,609	30,937
	2009	4,797	107	58,814	63,718	10,534
Medina	1999	7,727	1,354	39,004	48,085	0
	2000	6,564	839	36,759	44,162	0
	2001	6,433	768	26,407	33,608	0
	2002	5,497	1,050	33,112	39,659	0
	2003	5,922	727	27,217	33,866	0
	2004	5,738	731	15,148	21,617	0
	2005	5,957	1,295	29,066	36,318	0
	2006	7,089	1,421	55,372	63,882	0
	2007	5,651	550	11,180	17,381	0
	2008	6,290	1,327	40,185	47,802	0
	2009	6,409	1,456	38,348	46,213	0
Bexar	1999	241,437	25,464	9,421	276,322	17,400
	2000	233,983	21,849	8,903	264,735	3,400
	2001	227,370	20,192	7,229	254,791	29,400
	2002	205,897	20,084	7,633	233,614	68,600
	2003	209,972	19,692	6,157	235,821	86,200
	2004	195,462	18,608	4,849	218,919	97,000
	2005	227,544	23,418	7,942	258,904	90,270
	2006	228,757	24,654	11,716	265,127	6,650
	2007	211,083	19,330	3,902	234,315	79,600
	2008	244,622	19,231	7,265	271,118	32,292
	2009	221,633	16,766	10,233	248,632	2,043
Comal	1999	10,511	12,242	129	22,882	275,300
	2000	7,733	7,514	137	15,384	213,400
	2001	7,289	6,556	44	13,889	316,700
	2002	8,093	8,533	55	16,681	333,200
	2003	4,174	9,549	92	13,815	330,400
	2004	3,658	7,421	41	11,120	329,800
	2005	5,275	7,528	57	12,860	335,910
	2006	5,362	6,925	53	12,340	203,990
	2007	4,092	6,281	15	10,388	320,643
	2008	6,463	6,563	61	13,087	252,766
	2009	6,620	5,409	65	12,094	193,748

(Table 14. continued)

County	Year	Municipal	Industrial/ Commercial	Irrigation	Total Well Discharge	**Springflow**
Hays	1999	10,320	1,646	19	11,985	130,300
	2000	4,874	1,447	57	6,378	101,600
	2001	4,899	1,650	77	6,626	167,900
	2002	3,479	1,851	61	5,391	195,900
	2003	5,324	1,050	107	6,481	169,000
	2004	3,900	910	54	4,864	147,400
	2005	4,320	928	120	5,368	169,400
	2006	4,932	1,123	123	6,186	80,910
	2007	3,413	1,066	139	4,618	190,510
	2008	4,380	1,332	314	6,026	101,090
	2009	3,423	1,378	275	5,076	81,650
Guadalupe	1999	0	181	0	181	0
	2000	0	188	0	188	0
	2001	0	220	0	220	0
	2002	35	186	0	221	0
	2003	40	182	0	222	0
	2004	38	184	0	222	0
	2005	0	218	0	218	0
	2006	0	42	6	48	0
	2007	153	151	1	305	0
	2008	132	236	3	371	0
	2009	161	210	1	372	0
Atascosa	1999	0	0	1,726	1,726	0
	2000	0	0	1,204	1,204	0
	2001	0	0	1,171	1,171	0
	2002	0	0	729	729	0
	2003	0	0	677	677	0
	2004	0	0	337	337	0
	2005	0	0	1,120	1,120	0
	2006	0	0	2,125	2,125	0
	2007	0	0	537	537	0
	2008	0	0	1,165	1,165	0
	2009	0	0	1,150	1,150	0

Data source: USGS unpublished (2010), Edwards Aquifer Authority Files (2010).

Total well use includes only categories of use listed in table (municipal/industrial/irrigation).

WATER QUALITY

The Authority and its predecessor agency the EUWD, in cooperation with the USGS and TWDB, have conducted a program of water quality data collection since 1968. Through a cooperative effort with the USGS and TWDB, the Authority maintains a network of groundwater and surface water monitoring sites, including major springs, for gathering water quality data across the Edwards Aquifer area. Analyses of these data have been used by the Authority to assess aquifer water quality.

Five major spring groups are sampled regularly every year: San Antonio Springs, San Pedro Springs, Hueco Springs, Comal Springs, and San Marcos Springs. However, flow at San Antonio Springs was insufficient for sample collection during calendar year 2009. In addition to the five major spring groups, it is not uncommon for the Authority to collect additional samples from other springs in the region. For example, in 2009, the Authority also collected samples from Las Moras (Fort Clark) Springs in Kinney County and Sink Springs in Hays County.

Each year the Authority monitors the quality of water in the aquifer by sampling approximately 80 wells, eight surface water sites, and major spring groups across the region. Because of the large areal extent of the aquifer and the large number of wells within it, the annual data set provides only limited resolution with regard to aquiferwide conditions. The sampling program thus provides only a representative "snapshot" of water quality conditions relative to the location, time, and date the sample was collected. Areas that may be problematic with regard to the presence of compounds that are not indigenous to the system may be sampled with higher frequency or greater density, as warranted.

In 2009, the Authority collected 120 routine water quality samples from 79 wells (two wells were sampled multiple times, at two intervals per well), and bacteria-only samples were collected from two additional wells. The Authority also collected 54 routine water quality samples from six spring groups and 22 routine water quality samples from ten streams recharging the aquifer. Water quality samples collected by the Authority are summarized in this report, with locations of these monitoring sites shown in Figures 13a–d.

Routine water quality samples were typically analyzed in the field for selected water quality parameters and in the laboratory for inorganic and organic chemical constituents. Field analyses included temperature, pH, conductivity, and alkalinity. In general, most routine water samples were analyzed in the laboratory for common major ions, minor elements (metals), total dissolved solids (TDS), hardness, bacteria, and nutrients. Routine water quality samples collected from 78 wells, six spring groups, and two surface water sites were also analyzed for volatile organic compounds (VOCs). Semivolatile organic compounds (SVOCs) were included in the analyses of water samples from one well, four spring groups, and one surface water site. Water samples collected from 59 wells, five spring groups, and ten stream locations were also analyzed for pesticides and herbicides and polychlorinated biphenyls (PCBs).

For routine water quality samples, a general listing of the parameters analyzed, associated drinking-water standards, and typical concentrations in the Edwards Aquifer are listed in Table 15. Routine water quality data collected from wells in 2009 are compiled in Appendix C Tables C-1 through C-7. Routine water quality data collected from streams and springs in 2009 are compiled in Appendix C Tables C-8 through C-14. Results from these analyses are subsequently compared with water quality standards to determine whether any concentrations are unusual for the Edwards Aquifer and whether they exceed health-based levels.

Primary Drinking-Water Standards—These standards are enforceable for public water supply systems and are often referred to as maximum contaminant levels (MCLs) or primary drinking water standards. The MCL for a contaminant is the maximum permissible level in water that is delivered to any user of a public water system. MCLs protect drinking-water quality by limiting levels of specific contaminants that can adversely affect public health and are known or anticipated to occur in public water systems. The primary standards are based on concentrations published in Title 30 of the Texas Administrative Code, Chapter 290, Subchapter F and are shown in Table 15. For compounds that do not have an established MCL, the protective concentration level

(continued on page 48)

Figure 13a. Year 2009 Edwards Aquifer Authority Water Quality Sampling Locations—Wells, Springs, and Streams Sampled

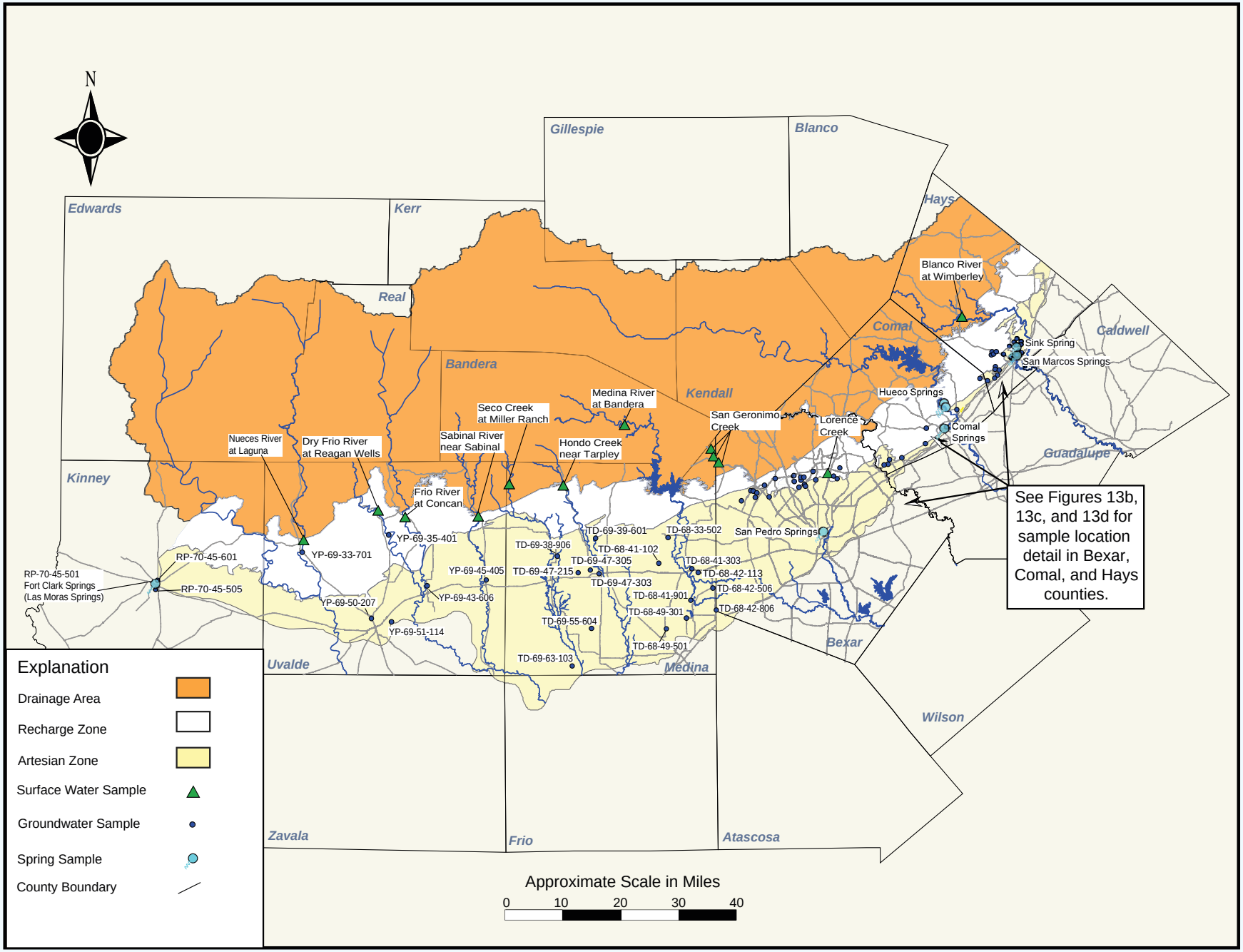


Figure 13b. Year 2009 Edwards Aquifer Authority Water Quality Sampling Locations, Bexar County

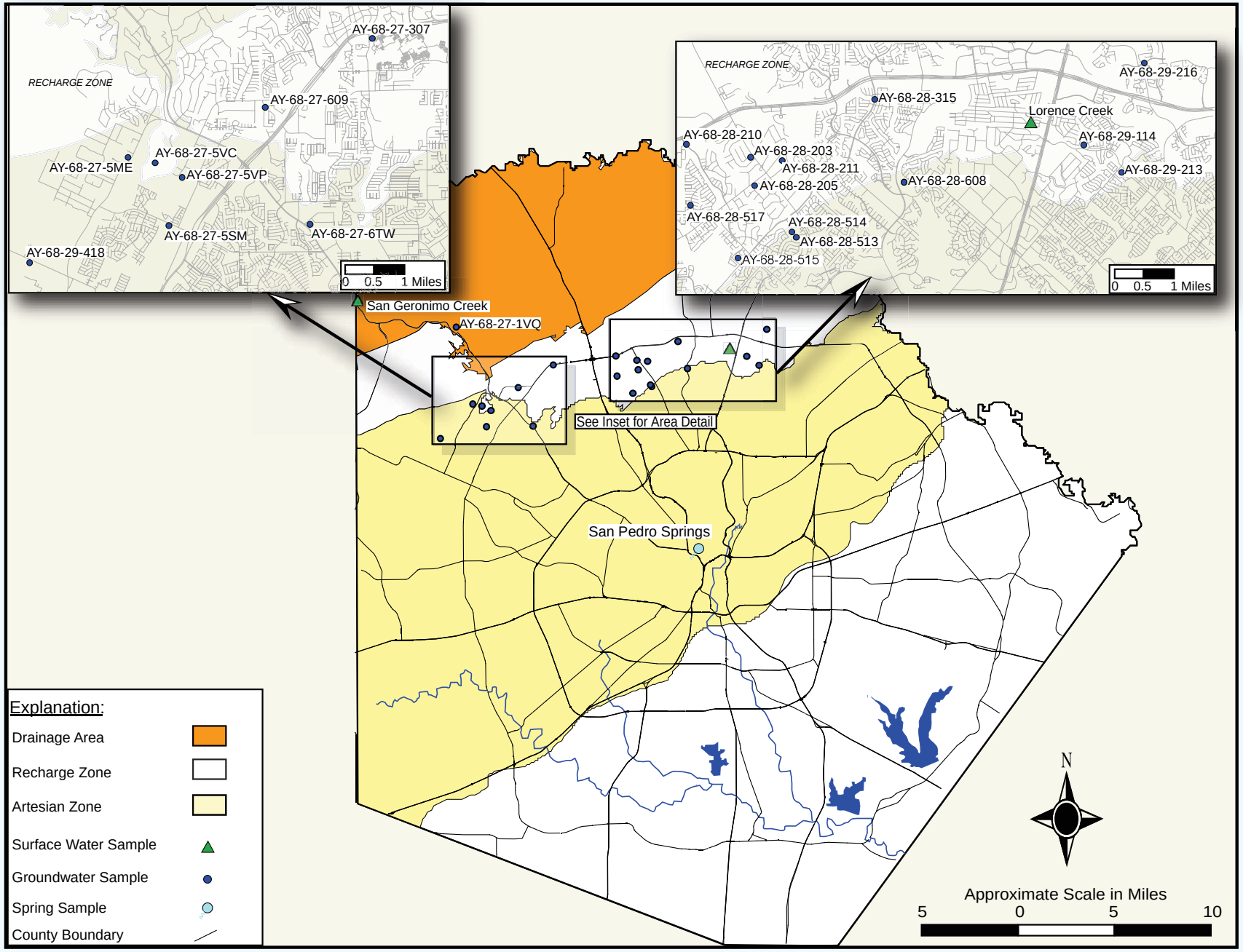


Figure 13c. Year 2009 Edwards Aquifer Authority Water Quality Sampling Locations, Comal County

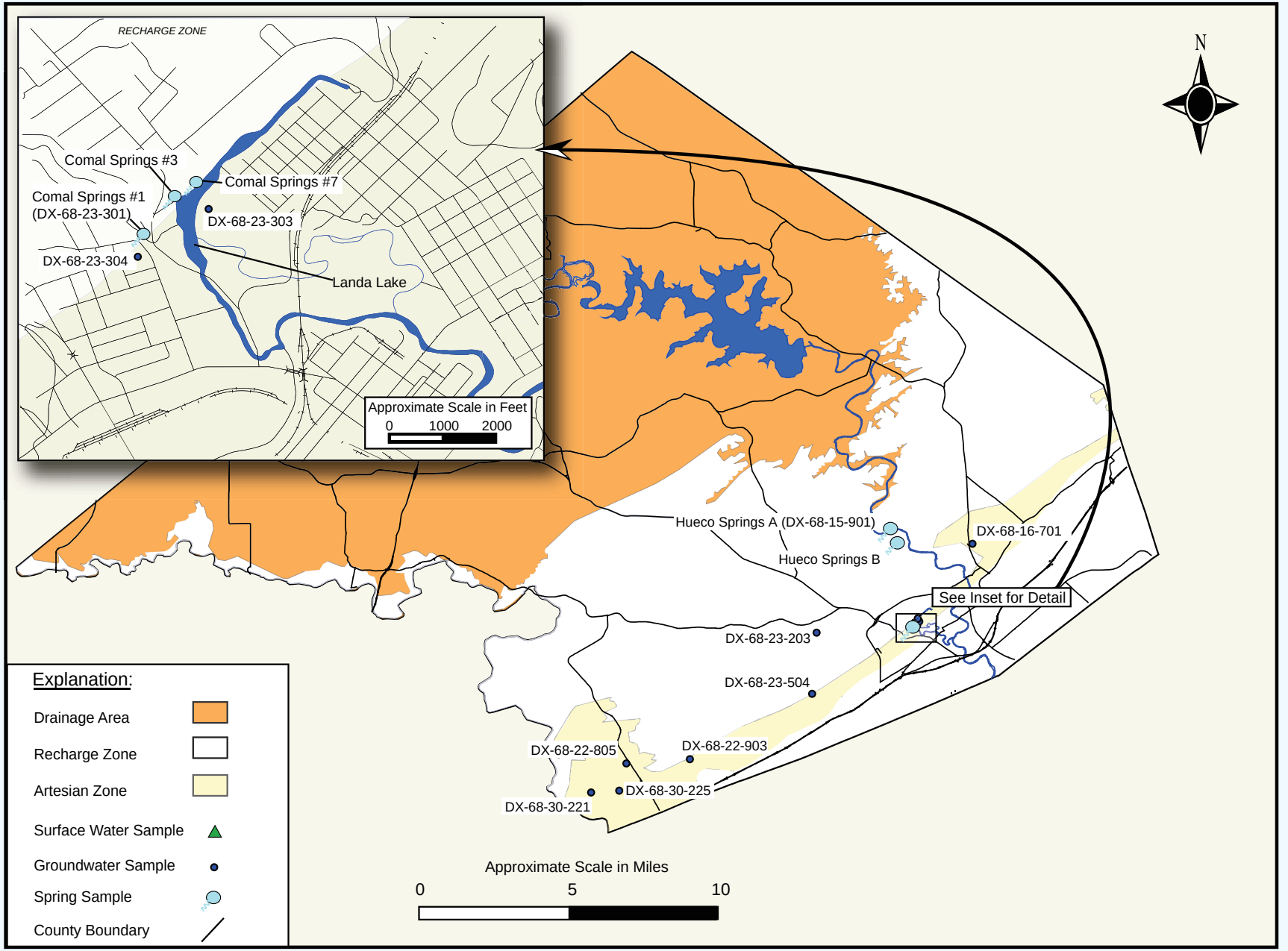
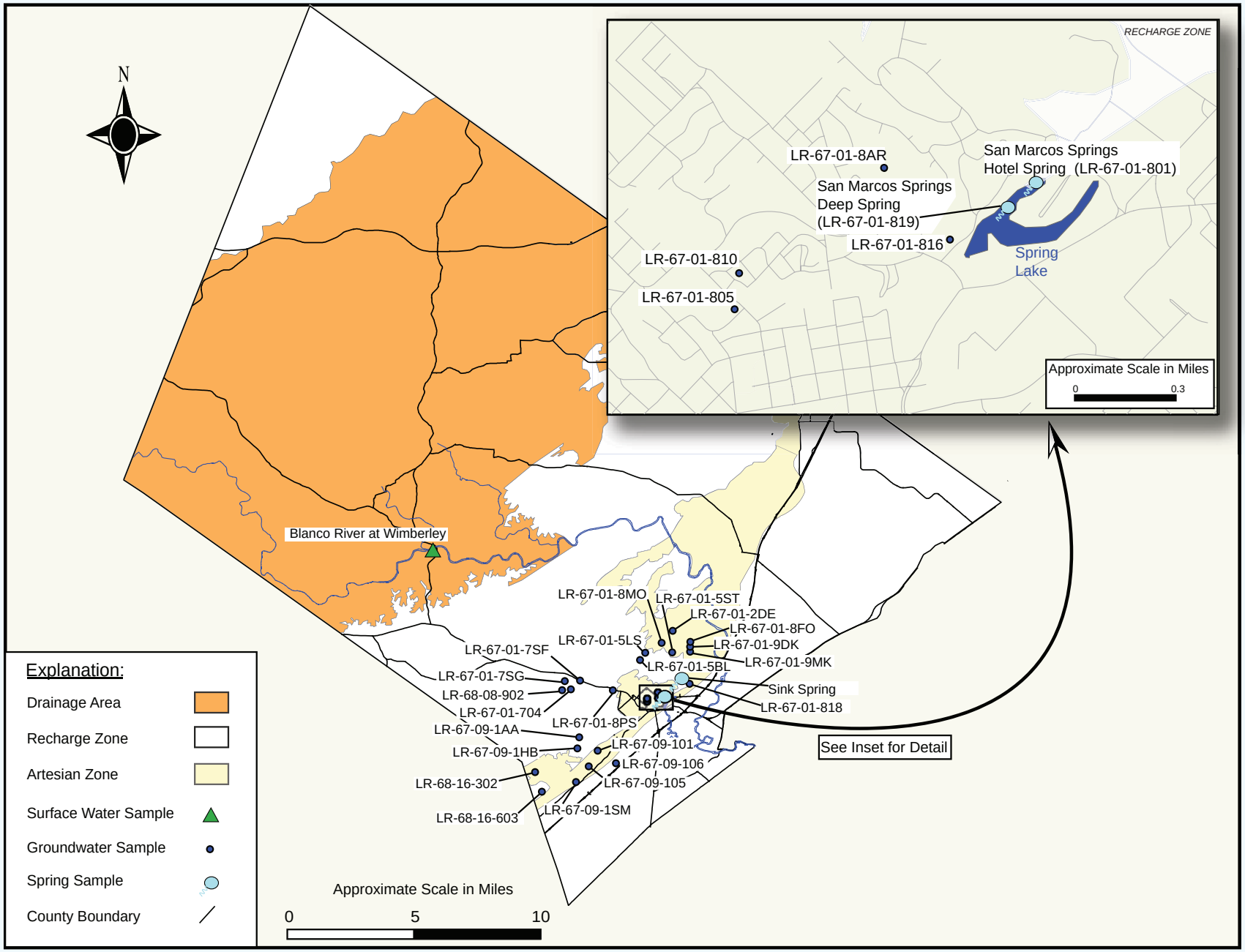


Figure 13d. Year 2009 Edwards Aquifer Authority Water Quality Sampling Locations, Hays County



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(PCL) is provided, which is based on the Texas Risk Reduction Program (TRRP), Tier 1, residential value as referenced in Title 30, Texas Administrative Code, Chapter 350. This concentration is the value estimated to be protective of human health and the environment.

Secondary Drinking-Water Standards—These standards are nonenforceable and are set for contaminants that may affect aesthetic qualities of drinking water, such as odor or appearance. Table 16 is a list of current secondary standards. Concentrations of the secondary standards listed in Table 16 are generally not exceeded in the freshwater part of the Edwards Aquifer, although concentrations of TDS, fluoride, chloride, and iron typically exceed secondary standards in samples from the saline-water zone.

The referenced tables are updated regularly by either the U.S. EPA or TCEQ as changes to MCL or PCL values occur for various compounds. As such, the reader is encouraged to check the referenced regulations for updates to MCL and PCL values.

Routine Water Quality Data from Edwards Aquifer Wells

Groundwater samples for calendar year 2009 were analyzed by the Authority's contract laboratories—Anacon, Inc., and the San Antonio River Authority. (Anacon, Inc., pursuant to an analytical services contract with the TWDB, provided additional analyses.) The following metals were analyzed: aluminum, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, lithium, magnesium, manganese, mercury, molybdenum, nickel, potassium, selenium, silica, silver, sodium, strontium, thallium, vanadium, and zinc.

Metals—Of the 79 wells sampled for metals, laboratory analyses did not indicate the presence of any metals regulated under the primary drinking-water standards at concentrations exceeding their respective MCLs. However, the metal strontium, regulated under the Texas Risk Reduction Program (TRRP), was detected above the TRRP limit or PCL in one Medina County well close to the saline-water zone. The PCL for strontium is 15,000 µg/L. In addition, the metals iron and manganese were detected above their secondary drinking-water standards of 300 µg/L and 50 µg/L, respectively. Iron detections were in wells located in Medina and Hays counties, whereas the manganese detection was located in Medina County, close to the saline-water zone. Metal detections above PCL or secondary standards concentrations are summarized below (see Figures 13a and d for map locations):

Medina County

- Strontium detected in
  TD-69-63-103 at 24,200 µg/L
  (well in close proximity to saline zone)
  (PCL = 15,000 µg/L)
- Iron detected in
  TD-69-63-103 at 1,050 µg/L (well in close proximity to saline zone)
  (Secondary Standard = 300 µg/L)
- Manganese detected in
  TD-69-63-103 at 64.1 µg/L (well in close proximity to saline zone)
  (Secondary Standard = 50 µg/L)

Hays County

- Iron detected in
  LR-67-09-101 at 397 µg/L
  LR-67-09-101 at 728 µg/L

Strontium often occurs at relatively high concentrations inside the saline portion of the Edwards Aquifer. For example, many of the saline wells were sampled in 2008 and tested positive for high levels of strontium. The well with elevated strontium detected in 2009 lies in close proximity to the saline-water zone. Generally, high strontium concentrations are less common with increased distance from the saline-water zone of the aquifer. Appendix C provides a detailed listing of all analytical results obtained in 2009.

Bacteria—In 2009, 74 wells were sampled for the presence of bacteria. The Authority collects samples from wells upstream of any chlorination equipment in order to assess the presence or absence of bacteria in raw water samples from the aquifer. These sample results are not directly comparable to bacterial samples

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Table 15. Comparison of Drinking-Water Quality Standards to Range of Concentrations from Water Quality Results, 2009.

Parameter and Method	Maximum Contaminant Levels or Secondary Standards	Range of Concentrations Detected in 2009	Typical Range of Concentrations for the Freshwater Edwards Aquifer
Field			
Temperature (˚C) EPA 170.1	NE	15.5–37.6	20–23
pH measured at 25 ˚C EPA 150.1	6.5 – 8.5 *	6.06–7.95	6.5–8.0
Turbidity (NTU)	NE	0.05–28.3	0.05–2
Dissolved oxygen (DO) (mg/L)	NE	1.9–31.2	2–4
Alkalinity total as $CACO_2$ SM 2320 B (mg/L)	NE	154–379	200–400
Specific conductance uS/cm	NE	407–890	
Fecal coliform (CFU / 100 mL)	0 MCLG[1]	ND–2100	0–3
Fecal strep (CFU / 100 mL)	0 MCLG[1]	ND–6700	0–9
E. Coli (CFU/100 mL)	0 MCLG[1]	ND–2	0–3
Nutrients (mg/L)			
Nitrate-nitrite as N EPA354.1/300.0	10	ND–7.39	ND–2.5
Orthophosphate EPA 365.3	NE	ND	ND-–.03
Major Ions (mg/L)			
Sulfate (SO_4) EPA 300.0	250*	2.67–160	30–60
Solids total dissolved (TDS) EPA 160.1	NE	90–884	200–400
Solids total suspended (TSS) EPA 160.2	NE	ND–40	ND–2
Bromide (Br) EPA 300.0	NE	ND–2.7	ND–0.2
Chloride (Cl) EPA 300.0	250*	1.01–82.8	15–50
Fluoride (F) EPA 340.2	4.0	ND–1.78	0.02–0.4
Bicarbonate (HCO_3) SM 2320 B	NE	51.8–397	200–400
Carbonate (CO_3) SM 2320 B	NE	ND	0
Hardness			
Metals by EPA 200.7 and 200.8 (µg/L)			
Aluminum	24,000**	ND–159	ND–40
Antimony	6.0	ND–2.0	ND–1
Arsenic	10.0	ND–5.07	ND–1
Barium	2,000	7.72–166	10–100
Beryllium	4.0	ND–0.40	ND–1
Boron	4,900**	ND–94.0	ND–60
Cadmium	5.0	ND–0.26	ND–0.6
Chromium	100.0	ND–5.1	ND–3
Cobalt	1,500**	ND	ND–1
Copper	1,300*	ND–17.1	ND–4
Iron	300*	ND–1050	ND–6
Lead	15.0	ND–5.86	ND–3
Lithium	490**	ND–12.1	ND–5
Manganese	50.0*	ND–64.1	ND–4
Molybdenum	120**	ND–36.0	ND–10
Nickel	490**	ND–7.36	ND–3
Phosphorus	NE	ND–54	ND–3
Selenium	50.0	ND–18.6	ND–30
Silver	100*	ND–0.31	ND–0.001
Strontium	15,000**	31.5–24200	200–500
Thallium	2.0	ND–0.24	ND–1
Uranium	30	ND–2.5	ND
Vanadium	170**	ND–9.8	ND–4
Zinc	5,000*	ND–1600	ND–20
Metals by E200.8 (mg/L)			
Calcium	NE	15.6–146	0.05–0.10
Magnesium	NE	0.592–42.7	ND–0.004
Potassium	NE	ND–5.33	5–15
Sodium	NE	0.934–38.4	0.005–0.015
Metals by SW-7041 (mg/L)			
Antimony	0.006	ND	ND–0.001
Metals by SW-7470A (mg/L)			
Mercury	.002	ND–1.38	ND–0.0001
Silica as SIO2 by E200.8 (mg/L)			
Silica	NE	3.89–23	
Total Organic Carbon by E415.1 (mg/L)			
TOC	NE	ND–7.47	
Herbicides by SW-8141 (µg/L)			
Atrazine	3.0	<0.05	ND
Azinphosmethyl	37**	<0.05	ND
Bolstar (Sulprofos)	73**	<0.05	ND
Chlorpyrifos	73**	<0.05	ND
Coumaphos	170**	<0.05	ND

(Table 15. continued)

Parameter and Method	Maximum Contaminant Levels or Secondary Standards	Range of Concentrations Detected in 2009	Typical Range of Concentrations for the Freshwater Edwards Aquifer
Demeton	1.0**	<0.05	ND
Diazinon	22**	<0.05	ND
Dichlorvos	3.0**	<0.05	ND
Dimethoate	5.0**	<0.05	ND
Disulfoton	1.0**	<0.05	ND
EPN	0.24**	<0.05	ND
Ethoprop	2.4**	<0.05	ND
Fensulfothion	24**	<0.05	ND
Fenthion	2.0**	<0.05	ND
Malathion	490**	<0.05	ND
Merphos	1.0**	<0.05	ND
Methyl parathion	6.0**	<0.05	ND
Mononcrotophos	15**	<0.05	ND
Naled	50**	<0.05	ND
Parathion	150**	<0.05	ND
Phorate	5.0**	<0.05	ND
Ronnel	1,200**	<0.05	ND
Simazine	4.0	<0.05	ND
Stirophos (Tetrachlorvinphos)	1,030**	<0.05	ND
Sulfotepp (Tetraethyl dithiopyrophosphate)	12**	<0.05	ND
Tokuthion (Prothiofos)	2.0**	<0.05	ND
Trichloronate	73**	<0.05	ND
Herbicides by SW-8151 (µg/L)			
2,4,5-T	NE	<0.50	ND
2,4,5-TP (Silvex)	50.0	<0.50	ND
2,4-D	70.0	<0.05	ND
Bentazon	NE	<0.05	ND
Dinoseb	7.0	<0.05	ND
Pentachlorophenol	1.0	<0.05	ND
Picloram	500	<0.05	ND
Pesticides by SW-8081 (µg/L)			
4, 4'-DDD	4.0**	<0.05	ND
4, 4'-DDE	3.0**	<0.05	ND
4, 4'-DDT	3.0**	<0.05	ND
Alachlor	2.0	<0.05	ND
Aldrin	0.05**	<0.05	ND
Alpha-bhc (Alpha-hexachlorocyclohexane)	0.1**	<0.05	ND
Alpha-chlordane	3.0**	<0.05	ND
Beta-bhc (Beta-hexachlorocyclohexane)	0.5**	<0.05	ND
Delta-bhc (Delta-hexachlorocyclohexane)	0.5**	<0.05	ND
Dieldrin	0.1**	<0.05	ND
Endosulfan I	50**	<0.05	ND
Endosulfan II	150**	<0.05	ND
Endosulfan sulfate	150**	<0.05	ND
Endrin	2.0**	<0.05	ND
Endrin aldehyde	7.0**	<0.05	ND
Endrin ketone	7.0**	<0.05	ND
Gamma-bhc (Lindane)	0.2	<0.05	ND
Gamma-chlordane	3.0**	<0.05	ND
	0.4	<0.05	ND
Heptachlor epoxide	0.2	<0.05	ND
Methoxychlor	40.0	<0.05	ND
Mirex	5.0	<0.05	ND
Toxaphene	3.0	<0.05	ND
PCBs by SW-8082 (µg/L)			
PCBs, total	0.5	<7.00	ND
Aroclor 1016	0.5	<1.00	ND
Aroclor 1221	0.5	<1.00	ND
Aroclor 1232	0.5	<1.00	ND
Aroclor 1242	0.5	<1.00	ND
Aroclor 1248	0.5	<1.00	ND
Aroclor 1254	0.5	<1.00	ND
Aroclor 1260	0.5	<1.00	ND
SVOCs by SW-8270C (µg/L)			
2, 4, 5-trichlorophenol	2,400**	<0.10	ND
2, 4, 6-trichlorophenol	83**	<0.10	ND
2, 4-dichlorophenol	73**	<0.10	ND
2, 4-dimethylphenol	490**	<0.10	ND

(Table 15. continued)

Parameter and Method	Maximum Contaminant Levels or Secondary Standards	Range of Concentrations Detected in 2009	Typical Range of Concentrations for the Freshwater Edwards Aquifer
2, 4-dinitrophenol	49**	<0.10	ND
2, 6-dichlorophenol	24**	<0.10	ND
2-chlorophenol	120**	<0.10	ND
2-methyl-4 6-dinitrophenol	49**	<0.10	ND
2-methylnaphthalene	98**	<0.10	ND
2-methylphenol (o-cresol)	1,200**	<0.10	ND
2-nitroaniline	7.0**	<0.10	ND
2-nitrophenol	49**	<0.10	ND
3 & 4 methylphenol (m&p cresol)	1,200**	<0.10	ND
3-nitroaniline	7.0**	<0.10	ND
4, 6-dinitro-2-methylphenol	50**	<0.10	ND
4-chloro-3-methylphenol	120**	<0.10	ND
4-nitroaniline	12**	<0.10	ND
4-nitrophenol	49**	<0.10	ND
Naphthalene	490**	<0.10	ND
Nitrobenzene	12**	<0.10	ND
Pentachlorobenzene	20**	<0.10	ND
Pentachlorophenol	1.0	<0.10	ND
Phenanthrene	730**	<0.10	ND
Phenol	7,300**	<0.10	ND
Pyrene	730**	<0.10	ND
Pyridine	NE	<0.10	ND
N-nitrosodi-n-propylamine	0.13**	<0.10	ND
N-nitrosodiethylamine	NE	<0.10	ND
N-nitrosodimethylamine	NE	<0.10	ND
N-nitrosodiphenylamine	190**	<0.10	ND
Acenaphthene	1,500**	<0.10	ND
Acenaphthylene	1,500**	<0.10	ND
Aniline	160**	<0.10	ND
Anthracene	7,300**	<0.10	ND
Azobenzene	8	<0.10	ND
Benzidine	NE	<0.10	ND
Benzo(a)anthracene (1 2-benzanthracene)	1.3**	<0.10	ND
Benzo(b)fluoranthene	1.3**	<0.10	ND
Benzo(k)fluoranthene	13**	<0.10	ND
Benzo(ghi)perylene	730**	<0.10	ND
Benzo(a)pyrene	0.2	<0.10	ND
Benzoic Acid	98,000**	<0.10	ND
Benzyl Alcohol	7,300	<0.10	ND
Butyl benzyl phthalate	4,900**	<0.10	ND
Bis(2-chloroethoxy)methane	0.83**	<0.10	ND
Bis(2-chloroethyl)ether	0.83**	<0.10	ND
Bis(2-chloroisopropyl)ether	13.0**	<0.10	ND
Bis(2-ethylhexyl)adipate		<0.10	ND
Bis(2-ethylhexyl)phthalate	6.0	<0.10	ND
4-bromophenyl phenyl ether	0.061**	<0.10	ND
2-chloronaphthalene	2,000**	<0.10	ND
4-chlorophenyl phenyl ether	0.061**	<0.10	ND
Chrysene	130**	<0.10	ND
Cresols, total	1,200**	<0.10	ND
Dibenz(ah)anthracene	0.2**	<0.10	ND
Dibenz(a,j)acridine	1.3**	<0.10	ND
Dibenzofuran	98**	<0.10	ND
3 3-dichlorobenzidine	2**	<0.10	ND
Diethyl phthalate	20,000**	<0.10	ND
Dimethyl phthalate	20,000**	<0.10	ND
Di-n-butyl phthalate	2,400**	<0.10	ND
Di-n-octyl phthalate	490**	<0.10	ND
2 4-dinitrotoluene	1.3**	<0.10	ND
2 6-dinitrotoluene	1.3**	<0.10	ND
Fluoranthene	980**	<0.10	ND
Fluorene	980**	<0.10	ND
Hexachlorobenzene	1**	<0.10	ND
Hexachlorobutadiene	5.0**	<0.10	ND
Hexachlorocyclopentaiene	50	<0.10	ND
Hexachloroethane	7.0**	<0.10	ND
Indeno(1,2,3-cd)pyrene	1.3**	<0.10	ND
Isophorone	960**	<0.10	ND

(Table 15. continued)

Parameter and Method	Maximum Contaminant Levels or Secondary Standards	Range of Concentrations Detected in 2009	Typical Range of Concentrations for the Freshwater Edwards Aquifer
VOCs SW-8260b (µg/L)			
1, 1, 1, 2-tetrachloroethane	35.0**	<0.5–<10	ND
1, 1, 1-trichloroethane	200.0	<0.5–<10	ND
1, 1, 2, 2-tetrachloroethane	5.0**	<0.5–<10	ND
1, 1, 2-trichloroethane	5.0	<0.5–<10	ND
1, 1-dichloroethane	2,400**	<0.5–<10	ND
1, 1-dichloropropene	9.0**	<0.5–<10	ND
1, 1-dichloroethene (Vinylidene chloride)	7.0	<0.5–<10	ND
1, 2, 3-trichlorobenzene	73**	<1–<10	ND
1, 2, 3-trichloropropane	1.3**	<1–<10	ND
1, 2, 4, 5-tetrachlorobenzene	7.0**	<1–<10	ND
1, 2, 4-trichlorobenzene	70.0	<0.5–<10	ND
1, 2, 4-trimethylbenzene	1,200**	<0.5–<2.0	ND
1, 2-dibromo-3-chloropropane	0.2	<1–<0.2	ND
1, 2-dibromoethane (EDB)	NE	<0.5–<2.0	ND
1, 2-dichlorobenzene	600**	<0.5–<2.0	ND
1, 2-dichloroethane (EDC)	5.0	<0.5–<2.0	ND
1, 2-dichloropropane	5.0	<0.5–<2.0	ND
1, 3, 5-trimethylbenzene	1,200**	<0.5–<2.0	ND
1, 3-dichlorobenzene	730**	<0.5–<2.0	ND
1, 3-dichloropropane	5.0**	<0.5–<2.0	ND
1, 3-dichloropropene	9.0**	<1–<5.0	ND
1, 4-dichlorobenzene	75**	<0.5–<2	ND
2, 2-dichloropropane	13	<0.5–<2.0	ND
2-chloroethyl vinyl ether	1.0**	<0.5–<10	ND
2-chlorotoluene	490**	<0.5–<10	ND
2-hexanone	1,500**	<0.5–<10	ND
4-chlorotoluene	490**	<0.5–<2	
4-isopropyltoluene	2,400**	<0.5–<2	ND
4-methyl-2-pentanone (MIBK)	1,950**	<0.5–<10	ND
Acetone	22,000**	<1–<10	ND
Acetonitrile	780**	<1–<5	ND
Acrolein	12**	<0.–<5	ND
Acrylonitrile	2.0**	<0.5–<5	ND
Allyl Alcohol	120**	<1–<5	ND
Benzene	5.0	<0.5–<2.0	ND
Benzyl Chloride	5.0**	<1–<5.0	ND
Bromoacteone	NE	<1–<5.0	ND
Bromobenzene	490**	<0.5–<2.0	ND
Bromochloromethane (Chlorobromomethane)	980**	<1–<10	ND
Bromodichloromethane	15**	<1–<2.0	ND
Bromoform (Tribromomethane)	120**	<0.5–<2.0	ND
Bromomethane (Methyl bromide)	34**	<1–<10	ND
Carbon disulfide	2,400**	<0.5–<2.0	ND
Carbon tetrachloride	5.0	<0.5–<10	ND
Chloral Hydrate	2,400**	<1–<5.0	ND
Chlorobenzene	100.0	<0.5–<2.0	ND
Chloroethane (Ethyl chloride)	9,800**	<1–<10	ND
Chloroform	240**	<1–<2.0	ND
Chloromethane (Methyl chloride)	70**	<0.5–<2	ND
Cis-1 2-dichloroethene	70.0	<0.5–<2	ND
Cis-1 3-dichloropropene	2.0**	<0.5–<2	ND
Dibromochloromethane	11**	<0.5–<2	ND
Dibromomethane	NE	<0.5–<10	ND
Dichlorodifluoromethane	4,900**	<0.5–<2.0	ND
Ethylbenzene	700**	<0.5–<2.0	ND
Hexachlorobutadiene	5.0**	<0.5–<10	ND
Iodomethane	34**	<0.5–<2	ND
Isopropylbenzene (Cumene)	700 / 2,400**	<0.5–<2	ND
Methyl ethyl ketone (2-butanone)	15,000**	<0.5–<10	ND
Methylene chloride (Dichloromethane)	5**	<0.5–<2	ND
n-Butanol	2,400**	<1–<5	ND
n-Butylbenzene	980**	<0.5–<2	ND
n-Propylbenzene	980**	<0.5–<2.0	ND
sec-Butylbenzene	980**	<2.0	ND
Styrene	100.0	<1–<2.0	ND
tert-Butylbenzene	980**	<0.5–<2.0	ND
Tert-butyl methyl ether (mtbe)	240**	<0.5–<2	ND
Tetrachloroethene	5.0	<0.5–5.55	ND
Toluene	1,000	<0.5–<2.0	ND
Trans-1, 2-dichloroethene	100	<0.5–<2.0	ND

(Table 15. continued)

Parameter and Method	Maximum Contaminant Levels or Secondary Standards	Range of Concentrations Detected in 2009	Typical Range of Concentrations for the Freshwater Edwards Aquifer
Trans-1, 3-dichloropropene	9.0**	<0.5–<10	ND
Trichloroethene	5.0	<0.5–<2.0	ND
Trichlorofluoromethane	7,300**	<0.5–<2.0	ND
Vinyl Acetate	24,440**	<0.5–<10	ND
Vinyl chloride (Chloroethene)	2.0	<0.5–<2.0	ND
m-p-xylene	10,000**	<1–<2	ND
o-xylene	10,000**	<0.5–<2.0	ND

Data source: TCEQ, maximum contaminant levels, 30 TAC, Chapter 290, Subchapter F, 2008 and RG-346 Rev. 2008 (www.sos.state.tx.us).
NE = No established MCL, secondary standard, or PCL.
* = Secondary drinking-water standards (30 TAC, 290, Subchapter F).
** = Texas Risk Reduction Program (TRRP) rules, Tier 1, residential PCLs, 30 TAC Chapter 350, updated March 2005. (see: http://www.tnrcc.state.tx.us/permitting/trrp.htm).
1 = MCLG-Maximum Contaminant Level Goal.
ND = Not detectable at concentrations above the method detection limit (MDL).
NA = Not analyzed.
< = Detection limit, and not necessarily the concentration, of the compound in water.
MCL = Maximum contaminant level.
mg/L = Milligram per liter (often referred to as parts per million).
µg/L = Microgram per liter (often referred to as parts per billion).

Table 16. Secondary Drinking-Water Standards.

Parameter	Secondary Drinking-Water Standards (mg/L)
Aluminum	0.05–0.2
Chloride	250
Color	15 color units
Copper	1.0
Corrosivity	Non-corrosive
Fluoride	2.0
Iron	0.3
Manganese	0.05
pH	6.5–8.5
Silver	0.10
Sulfate	250
TDS	500
Zinc	5

Data source: 30 TAC Chapter 290, Subchapter F.
Color and corrosivity parameters were not included in the 2008 analytical program.

(continued from page 48)

collected by most public water supply systems, in that public water supply samples are generally collected downstream of chlorination equipment. Generally, wells were sampled for fecal streptococcus and fecal coliform bacteria presence as colony-forming units per 100 milliliters of water (CFU/100 mL). Most well bacterial results were less than one CFU/100 mL in concentration. However, 12 wells had either fecal streptococcus or fecal coliform detections at or above two CFU/100 mL. These wells are summarized by county:

Uvalde County

- Fecal streptococcus detected in
  YP-69-35-401 at 150 CFU/mL
  YP-69-33-701 at 74 CFU/Ml
- Fecal coliform detected in
  YP-69-33-701 at 4 CFU/mL

Bexar County

- Fecal streptococcus detected in
  AY-68-27-6TW at 13 CFU/mL
  Ay-68-28-211 at 4 CFU/mL and 4 CFU/mL
- Fecal coliform detected in
  AY-68-27-6TW at 2 CFU/mL
  Ay-68-28-211 at 2 CFU/mL

Comal County

- Fecal streptococcus detected in
  DX-68-16-701 at 180 CFU/mL
- Fecal coliform detected in
  DX-68-16-701 at 4 CFU/mL

Hays County

- Fecal streptococcus detected in
  LR-67-01-5ST at 3 and 18 CFU/mL
  LR-67-01-8FO at 74 CFU/mL
  LR-67-01-9MK at 9 CFU/mL
  LR-67-01-9DK at 2 CFU/mL
  LR-67-01-7SG at 7 CFU/mL
- Fecal coliform detected in
  LR-67-01-8FO at 7 CFU/mL
  LR-67-01-704 at 9 CFU/mL
  LR-68-08-902 at 2 CFU/mL

Fecal coliform and fecal streptococcus bacteria are used to indicate the possible presence of fecal matter in groundwater and surface water. There are no public water supply maximum contaminant limits (MCLs) for fecal streptococcus.

The MCL for fecal coliform bacterial samples is based on the size of a public water supply distribution system and is for treated water at the point of use and not at the point of withdrawal. For example, the number of monthly samples collected increases with the number of connections or size of population served. A public water supply with 100,000 connections would be required to collect 100 samples per month. If more than five percent of the monthly samples are coliform positive, the MCL would be exceeded. For systems that collect less than 40 routine bacteria samples per month, the MCL is defined as when more than one sample is coliform positive (Title 30 Texas Administrative Code, 290.109). Note that samples for public water supplies are collected downstream of the chlorination device and generally from public facilities near the ends of the distribution system.

Presence of fecal bacteria may indicate a problem with laboratory or sampling methods, poor wellhead or casing maintenance, or a possible groundwater source. Public water supplies are required by State law to be chlorinated; domestic wells do not have a chlorination requirement. The Authority's bacteria samples are collected with great care to avoid postcollection contamination.

Most wells with positive bacteria detections in 2009 were located on the recharge zone. Wells that were positive but not located directly over the recharge zone were generally in close proximity to the recharge zone. Most bacteria detections being located in this area are most likely related to the higher proportion of runoff water entering the aquifer in the recharge zone as compared with the artesian zone of the aquifer.

Nitrates—In 2009, 79 wells were sampled for the presence of nitrate-nitrite as nitrogen concentrations. Nitrate-nitrite as nitrogen (*nitrate* for this report) is a highly soluble, naturally occurring compound in both surface water and groundwater. The largest amounts of naturally occurring nitrate in surface water and groundwater are derived from direct absorption from the air and soil during rainfall events. Concentrations of nitrate below one mg/L are generally considered background from natural

sources. Concentrations above two mg/L are considered elevated. Potential sources of elevated nitrate include runoff from agricultural and urban sources (fertilizer from farm fields and yards), septic systems, leaking sewer lines, animal waste and blasting agents. Concentrations of nitrate above the MCL of ten mg/L pose an increased risk for methemoglobinemia or "Blue Baby Syndrome," which results from nitrates interfering with the ability of blood to carry oxygen in infants usually younger than six months.

Of the 79 wells sampled for nitrate, none exceeded the MCL of ten mg/L. One well indicated a concentration above five mg/L but less than ten mg/L. Results from a total of 16 wells indicated nitrate concentrations at or above 2.0 mg/L. The Authority is studying historical nitrate concentrations to identify trends that may indicate contamination sources.

Nitrate detections above five mg/L were found in

Uvalde County
- YP-69-51-114 at 6.03 mg/L

VOCs—In 2009, water samples collected from 78 wells were analyzed for VOCs. Three VOC compounds were detected in well samples during the year—toluene, chloroform, and chloromethane. The MCLs for these compounds are toluene 1,000 µg/L, chloroform 200 µg/L, and chloromethane 70 µg/L. None of the detections exceeded their respective MCLs. VOC detections are summarized by county:

Medina County
- TD-69-39-601, toluene, detected at 22.5 µg/L

Bexar County
- AY-68-29-213, chloromethane, detected at 1.7 µg/L
- AY-68-29-213, chloroform, detected at 1.88 µg/L
- AY-68-28-608, chloromethane, detected at 2.59 µg/L
- AY-68-27-307, chloromethane, detected at 3.06 µg/L

Hays County
- LR-67-01-8FO, chloroform, detected at 2.0 µg/L
- LR-67-09-101, chloromethane, detected at 5.05 µg/L

Detected compounds can be problematic with regard to resolution of their actual source. For example, wells AY-68-28-608 and LR-67-09-101 were both sampled multiple times during calendar year 2009. Only one sample event of 11 for well AY-68-28-608 indicated a positive detection of chloromethane, whereas only one event of five for well LR-67-09-101 indicated a positive detection of chloromethane. In addition, these two detections were from the same sample collection event and analytical run. Even though the laboratory quality assurance data do not indicate laboratory cross contamination, these chloromethane detections are probably false positives. Chloroform, when detected in groundwater, is generally associated with chlorination. These chloroform detections may be associated with collecting samples from a well that had recently been "shocked" with chlorine by the well owner. Although well below the MCL, the toluene detection is unusual, and the well will be resampled in 2010 to assess water quality. Toluene is another compound that can be easily introduced as a postcollection contaminant.

SVOCs—In 2009, one well was sampled for SVOCs. For 2009, there were no positive detections in well water for SVOC compounds.

Pesticides, Herbicides, and PCBs—Well-water samples collected from 59 wells were analyzed for pesticides, herbicides, and PCBs in 2009. None of the wells sampled tested positive for pesticides, herbicides, or PCBs in 2009.

In summary, well sampling did not indicate widespread contamination in the aquifer. However, it should be noted that elevated nitrate detections (greater than two mg/L) were present in 16 of the 79 wells sampled. The Authority will continue to include nitrate analyses in the future in order to further assess any potential impacts to the aquifer. Metals were detected above a regulatory limit in two of the 79 wells sampled. Detections of the metals strontium, manganese, and iron are likely due to naturally occurring sources of these metals. Strontium and manganese detections are typically highest in and close to the saline-water part of the aquifer. Iron detections are occasionally high in some parts of the aquifer system. Detection of toluene in Medina County may be a postcollection sample contaminant; however,

the well will be resampled in 2010 to assess this possibility. Remaining detections of VOC, chloroform, and chloromethane may be related to well chlorination (shocking) or postcollection contaminants. Bacteria detections in 2009 were more frequent in occurrence than in calendar year 2008, which may be a result of the extended period of drought followed by abundant rainfall. Most of the bacteria detections occurred after the change to wetter climatic conditions in 2009.

Routine Water Quality Data from Streams and Springs in the Edwards Aquifer Area

Surface water quality data are generally collected at USGS gauging stations located upstream of the Edwards Aquifer Recharge Zone (see Figure 13a). The primary surface water data collection sites are located within eight major stream basins that flow across the recharge zone and contribute significant groundwater recharge to the Edwards Aquifer. The streams monitored, from west to east, are the Nueces River, Dry Frio River, Frio River, Sabinal River, Seco Creek, Hondo Creek, Medina River, and Blanco River. In 2009, surface water samples were collected twice from each of these rivers and creeks. In addition, San Geronimo and Lorence creeks in Bexar County were each sampled once, bringing the total number of surface water sample sites in 2009 to ten. San Geronimo Creek was sampled at three different locations over approximately a one-mile stretch. Data from these sites can be used as a baseline to evaluate the quality of water recharging the aquifer and sensitivity of water quality to land use changes in various areas of the Edwards Aquifer region.

Water quality data are also routinely collected from five major spring groups discharging from the aquifer because they provide composite samples of the vast underground drainage network that makes up the aquifer. In normal years, multiple spring orifices are sampled at Comal, Hueco, and San Marcos springs, and single spring orifices are sampled at San Antonio and San Pedro springs on a quarterly basis. However, drought conditions minimized flow at Hueco B Spring and resulted in only three sample events, whereas at San Antonio Springs, no sample-collection events occurred. San Pedro Springs was sampled only three times in 2009 because of low flow conditions. Finally, in 2009, spring water samples were collected once from Las Moras (Fort Clark) Springs in Kinney County and once from Sink Springs in Hays County for a total of six spring-sample locations.

Summary of Analytical Results—Water samples from the ten stream locations and six spring groups discussed previously were analyzed for the following metals: aluminum, antimony, arsenic, barium, beryllium, boron, bromide, cadmium, chromium, cobalt, copper, iron, lead, lithium, manganese, mercury, molybdenum, nickel, selenium, silver, strontium, thallium, vanadium, and zinc. Detectable metal concentrations in surface water are common at trace amounts. Surface and spring water sample analytical results for metals for calendar year 2009 did not indicate the presence of any metals at concentrations in excess of an MCL or PCL value. The two most notable metal detections were arsenic at San Pedro Springs at 5.07 µg/L (MCL for arsenic is ten µg/L) in November 2009 and mercury at Comal Springs orifice 7 at 1.38 µg/L (MCL for mercury is two µg/L) in March 2009.

Nitrates—Laboratory analyses indicated mostly trace amounts of nitrate-nitrite as nitrogen in surface water and slightly higher concentrations in spring water samples. Of the 23 total surface water samples collected and analyzed for nitrate-nitrite as nitrogen in 2009, concentrations ranged from less than 0.15 to 3.7 mg/L, with one sample location in six testing greater than two mg/L. Of the 54 spring water samples collected and analyzed for nitrate-nitrite as nitrogen in 2009, concentrations ranged from less than 0.15 to 5.15 mg/L with ten of 54 samples having concentrations greater than 2 mg/L. None of the nitrate concentrations detected exceeds the MCL of ten mg/L (nitrate as nitrogen) for drinking water. The highest nitrate concentration at the springs for 2009 was 5.15 mg/L at Hueco Spring A, collected in November. The maximum nitrate concentration of 3.7 mg/L in surface water occurred in San Geronimo Creek, for a sample collected in October.

Bacteria—In 2009, most surface stream and spring water samples were tested for fecal coliform and fecal streptococcus bacteria. It is not unusual for surface

water and spring samples to have positive detections of bacteria, especially in wet years (for example, in 2007 counts ranged up to "too numerous to count" during periods of heavy runoff in surface streams). Bacteria results for surface streams in 2009 ranged from 12 CFU/100mL to 15,000 CFU/100 mL for fecal coliform, and from 40 CFU/100 mL to 79,000 CFU/100 mL for fecal streptococcus. Spring water samples for bacteria ranged from less than one to 1,700 CFU/100 mL for fecal coliform, and from less than one to 420 CFU/100 mL for fecal streptococcus. Because of the presence of various fauna in surface and spring water collection sites, positive detections are not uncommon. In addition, 2009 bacteria results are likely higher than in calendar year 2008 because of the increased runoff from rainfall that occurred in the last four months of the year subsequent to a long dry period.

VOCs, SVOC, Herbicides, Pesticides, and PCBs—Stream samples are generally not tested for VOCs or SVOCs. Stream water samples are not tested for VOCs because of the inherent volatility of VOCs, which makes their presence in surface water rare. In 2009, San Geronimo and Lorence creeks were both tested for VOCs with no compounds detected. Lorence Creek samples were tested for SVOCs with no detections. Remaining stream samples were tested for organic compounds related to PCBs, herbicides and pesticides in 2009, with one positive herbicide detection at San Geronimo Creek for pentachlorophenol at 0.25 µg/L, (MCL = 1.0 µg/L).

Water samples collected in 2009 from all the springs were analyzed for VOCs. None of the spring samples tested positive for VOCs. Water samples collected from all the springs were also tested for SVOCs, none of which noted positive detections of SVOCs in 2009. Spring samples were also tested for organic compounds related to PCBs, herbicides, and pesticides in 2009. None of these compounds was detected.

Detections of non-naturally occurring compounds in a karst system such as the Edwards Aquifer are problematic. Contaminants may pass through the system quickly. As such, sample-collection events that occur once every several months may not coincide with the flux of a contaminant at the sample point. In addition, when a contaminant is detected, without continuous sampling, it is impossible to ascertain whether the sample result reflects the low, middle, or high end of the contaminant flux. This process, proven with tracer studies in karst systems, helps to explain why a contaminant may be detected once, but it is often not detected again during the next sampling event, when the subsequent event is performed several weeks or months later. Although no VOC, SVOC, or pesticide or herbicide detections were noted in spring or surface water samples, with the exception of pentachlorophenol in 2009, these contaminants may have passed through the system between sampling events.

Freshwater/Saline-Water Interface Studies

The freshwater/saline-water interface of the Edwards Aquifer, a regional boundary between fresh and saline parts of the aquifer, is defined by a mapped iso-concentration line representing 1,000 mg/L of TDS. Groundwater is commonly classified according to TDS concentrations, as shown in Table 17.

The interface varies both laterally and vertically in parts of the aquifer, as determined in several wells near the interface. Locally this line is referred to as the freshwater/saline-water interface, or *bad-water line*, which defines the farthest downdip extent of potable water (Pavilicek and others, 1987). The approximate location of the freshwater/saline-water interface is shown in Figure 1.

Table 17. Classification of Groundwater Quality Based on Total Dissolved Solids

Description	TDS Concentration (mg/L)
Fresh	Less than 1,000
Slightly saline	1,000 to 3,000
Moderately saline	3,000 to 10,000
Very saline	10,000 to 35,000
Brine	More than 35,000

Source: Winslow and Kister, 1956.

Water quality concerns related to position and stability of the freshwater/saline-water interface have been expressed in the past by some researchers. Nevertheless, the limited water quality data collected during and since the drought of record in the 1950s are inconclusive as to whether encroachment of saline water is likely during a recurrence of extreme drought conditions. However, encroachment of saline water has not been identified as a problem in the region when aquifer conditions are above the lowest levels recorded in the aquifer.

South and southeast of the interface, the aquifer is slightly to moderately saline and contains moderate to large concentrations of dissolved chloride and sulfate. Water from some wells north of the interface, and from all wells south of the interface, contains dissolved hydrogen sulfide gas. In many wells along the interface, freshwater has been encountered in the upper part and saline water in the lower part of the Edwards Aquifer (Reeves, 1971; Groschen, 1993). Other wells along the interface have encountered the opposite vertical distribution, with saline-water zones overlying freshwater zones, particularly in southern Medina County.

In 1985, the former Edwards Underground Water District (EUWD), in cooperation with the USGS, TWDB, and San Antonio Water System (SAWS), initiated a research study of the freshwater/saline-water interface. A series of seven wells were drilled in the San Antonio area, which transects the freshwater/saline-water interface, to detect changes in water quality as the hydraulic head in the aquifer changes. This program was implemented in response to concern that increased aquifer withdrawals might result in encroachment of saline water into the aquifer's freshwater zone. As part of the Authority's ongoing water quality program, periodic samples are collected and analyzed. Other samples are collected when certain spring-discharge criteria are met.

The possibility of saline-water encroachment and subsequent deterioration of water quality in the aquifer led to construction of additional water quality monitoring well transects across the freshwater/saline-water interface. Two monitoring wells were drilled and tested by the Authority with the cooperation of local entities. These transects are located in New Braunfels and San Marcos areas (Poteet and others, 1992). Another saline well was drilled in south Medina County in 1993 as part of the initial saline-water study. Water quality in these transect wells has been relatively uniform, with no significant changes since the program began.

Since 1997, SAWS, working with the USGS, TWDB, and the Authority, has continued to install transects of freshwater/saline-water interface monitoring wells. To date, the following transects of monitoring wells have been installed:

- Artesia Pump Station (San Antonio) Transect (installed in 1986)
- New Braunfels (Comal Springs area) Transect (installed in 1989)
- San Marcos (San Marcos Springs area) Transect (installed in 1991)
- South Medina Well (installed in 1993)
- Kyle Transect (installed in 1998)
- East Uvalde "Knippa Gap" Transect (installed in 1999)
- "Tri-County" (Bexar-Comal-Guadalupe) Transect (installed in 2000)
- Hays–Fish Hatchery Transect (installed in 2001)
- Mission Road Transect (installed in 2002)
- Pitluk Transect Bexar County (installed in 2005).

Studies conducted to date indicate that changes in aquifer water levels have little effect on water quality in wells that are directly adjacent to the freshwater/saline-water interface. The Authority, USGS, and SAWS will continue to monitor water quality in the freshwater/saline-water interface monitoring wells. As of calendar year 2005, the Authority had ceased to participate in joint funding activities for continued drilling of saline-water-line well transects.

Significant Events Affecting the Edwards Aquifer in Calendar Year 2009

In calendar year 2009, the most significant event impacting the Edwards Aquifer was the lack of precipitation for the first eight months of the year. Drought conditions that began in September 2007 continued through August 2009, before weather patterns changed in September. In 2009, only 8.43 inches of rain was recorded at the San Antonio International Airport between January and the end of August. According to the NWS monthly climatic summary for July 2009, the San Antonio area was "…experiencing the driest 23-month period on record dating back to 1885." Weather patterns changed in the fall, with over 22 inches of rain between September and the end of December 2009 measured at the airport. Even though significant precipitation events began to occur in the fall, San Antonio was the only reporting station within the region (discussed in this report) that measured above mean rainfall volumes for the year. Remaining gauges across the region indicated below-normal rainfall for the year.

In addition to the lack of rainfall for most of 2009, summer temperatures were also above normal in the region. July was the warmest on record for San Antonio and many other cities across the state. According to the *Texas Climatic Bulletin* (2009), average July temperatures in San Antonio exceeded records dating back to the 1870s, when weather records for the city were first established. For the San Antonio recording station, daily high temperatures of 100º F or greater occurred for 58 total days during the months of June, July, and August, adding to the severity of the drought's impact on soil-moisture content. With regard to San Antonio, June was the third-warmest on record, July the warmest on record, and August tied with calendar year 2006 as the warmest on record (NWS records).

The drought conditions also resulted in a need for water use restrictions for a total of 169 days in 2009. The Authority declared Stage I Critical Period Management for the San Antonio Pool on April 26 on the basis of the 10-day moving average springflow at San Marcos Springs dropping below 96 cubic feet per second. Stage I remained in effect until June 18, when Stage II Critical Period Management was declared for the San Antonio Pool. The Stage II declaration was based on the 10-day moving average groundwater level at Bexar County Index Well AY 68-37-203 (J-17) falling below 650 feet msl. Stage II remained in effect until September 17, when Stage I Critical Period Management was declared on the basis of a rise in water levels at the Bexar County Index Well, along with sustained springflows above trigger levels. The San Antonio Pool remained in Stage I Critical Period until October 13, when all water level and springflow volumes were above trigger levels for their respective 10-day averages. Current Authority rules require regulated users in the San Antonio Pool to reduce water consumption by 20 percent during Stage I reductions and by 30 percent during Stage II.

Edwards Aquifer's Response to the 2008–2009 Drought—Rainfall from September 2007 through August 2009 was well below normal. Normal rainfall in San Antonio during this period (according to the 30-year normal from 1971 through 2000 as determined by the NWS) should have been 65.84 inches. However, recorded rainfall volumes during this period were only 24.83 inches, or roughly 38 percent of normal. Figure 14 shows water levels and rainfall at the Bexar County Index Well J-17 for calendar years 2007 through 2009. It shows that aquifer levels were extremely high at the onset of the drought; however, continued lack of rainfall had affected aquifer levels by the summer of 2008, when water levels fell below the historical average for the period. Continued dry conditions caused the aquifer to remain below the historical average for most of calendar year 2009, before rainfall patterns changed in the fall of the year.

Springflow in 2009 also reflected the lack of rainfall through August, as well as the effects of rainfall that occurred after August. Table 10 lists monthly springflow volumes for the major springs across the region. Using Hueco Springs as an example, flow ranged from a low of 194 acre-feet in the month of July to 5,200 acre-feet in October, which represents an increase in volume of flow at this spring of almost 30 times once significant rainfalls began in the area. At the peak of the drought, San Pedro Springs recorded no flow for the month of August, whereas San Antonio Springs indicated

(continued on page 62)

Figure 14. Three-Year Comparison of Daily High and Historical Average Water Levels at Bexar County Index Well J-17

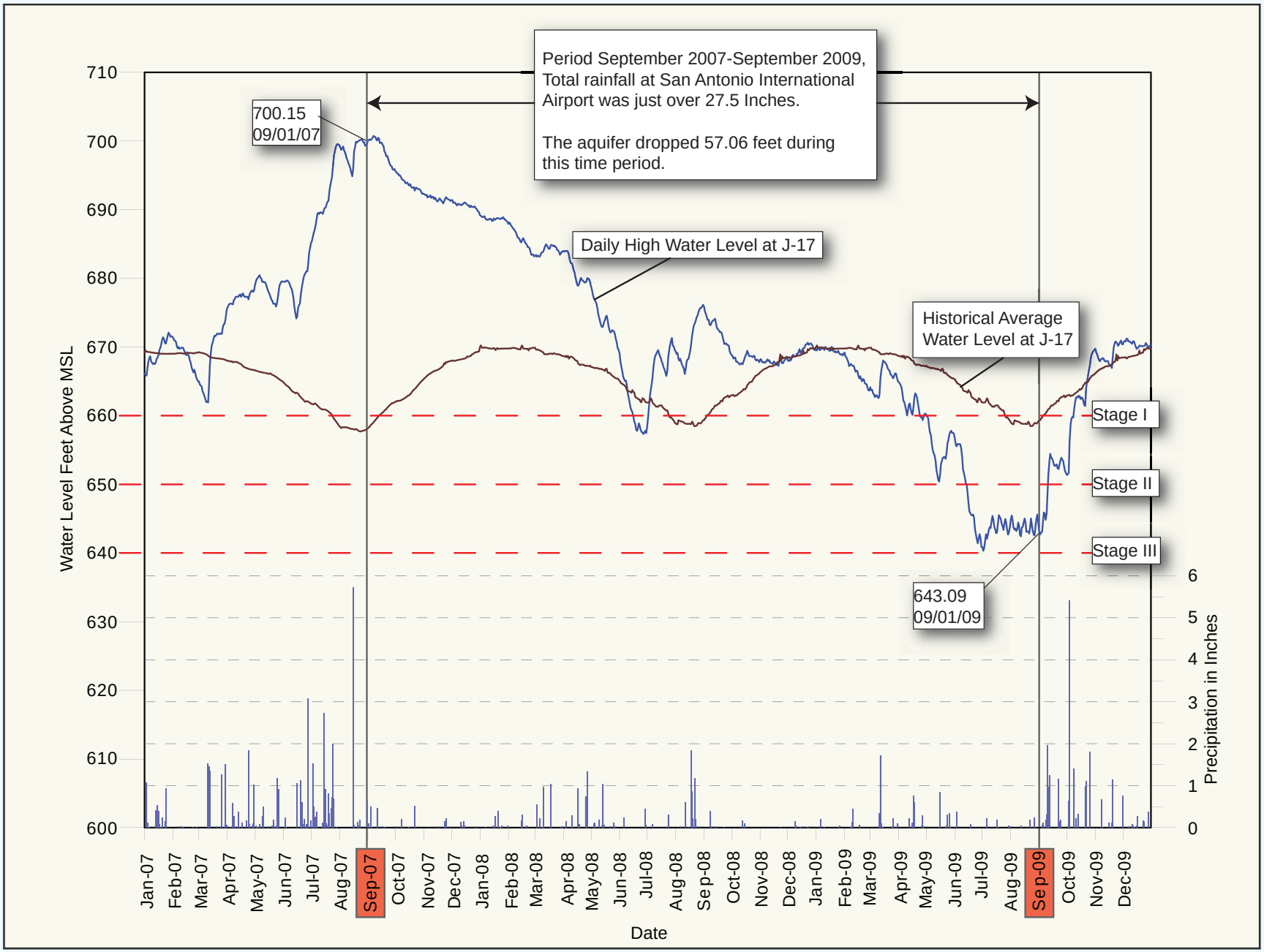
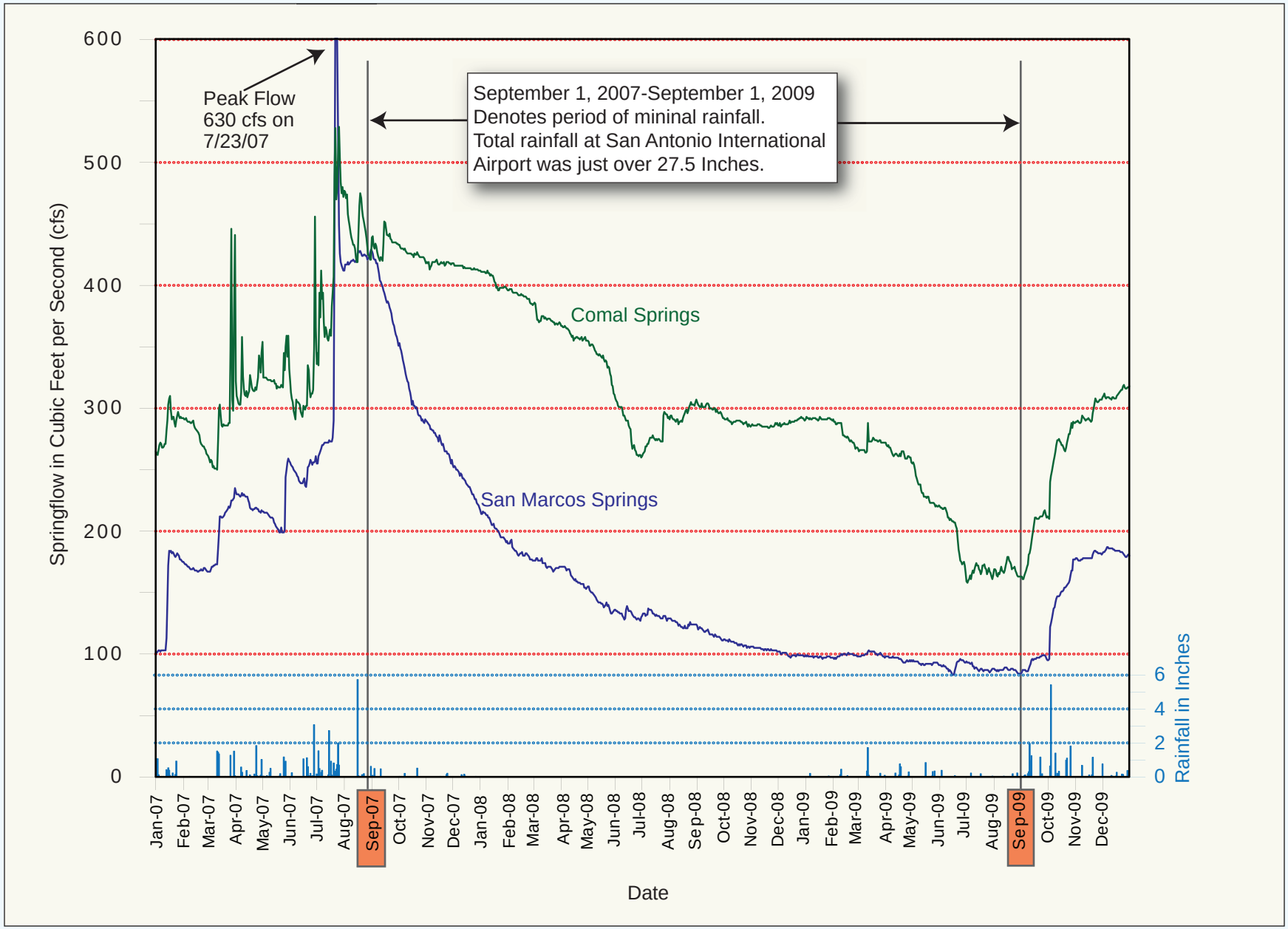


Figure 15. Three-Year Comparison of Springflow at Comal and San Marcos Springs



(continued from page 59)

no flow from April through October. Aquifer levels and springflow both reflect the effects of drought on the aquifer during calendar year 2009. Figure 15 depicts flow at Comal and San Marcos springs from January 1, 2007, through December 31, 2009. This graphic shows the effect of drought on the flow at these two major springs. Note the continued decline in springflow as the drought progressed, beginning in September 2007 and continuing through August 2009. Also note the rapid response to significant rainfall events in early 2007, as well as the fall of 2009. The rapid changes in water levels and springflow indicate the aquifer's rapid response to events, which is typical of karst aquifers (Figures 14 and 15).

DEFINITIONS

Technical terms and abbreviations used in this report are defined below.

acre-foot — Quantity of water required to cover one acre to a depth of one foot, equivalent to 43,560 ft^3 (cubic feet), about 325,851 gal (gallons), or 1,233 m^3 (cubic meters).

aquifer — A body of rock that contains sufficient saturated permeable material to conduct groundwater and to yield economically significant quantities of groundwater to wells and springs.

artesian well — A well that taps confined groundwater. Water in the well rises above the level of the confined water-bearing strata under artesian pressure but does not necessarily reach the land surface.

artesian zone — An area where the water level from a confined aquifer stands above the top of the strata in which the aquifer is located.

average — A number representing the sum of a group of added figures divided by the number of figures.

bacteria — Microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike, often clumped in colonies. Some bacteria are pathogenic (causing disease), whereas others perform an essential role in nature in the recycling of materials (measured in colonies/100 mL).

conductivity — A measure of the ease with which an electrical current can be caused to flow through an aqueous solution under the influence of an applied electric field. Expressed as the algebraic reciprocal of electrical resistance (measured in microsiemens per centimeter (µS/cm) at ambient temperature). Generally, in water, the greater the TDS content, the greater the value of conductivity. See *specific conductance*.

confined aquifer — An artesian aquifer or an aquifer bound above and below by impermeable strata or by strata with lower permeability than the aquifer itself.

domestic or livestock use — Use of water for drinking, washing, or culinary purposes; irrigation of a family garden or orchard, the produce of which is for household consumption only, or watering animals.

discharge — Volume of water that passes a given point within a given period of time.

drainage area — Also known as the Texas Hill Country, the area or watershed that serves as a catchment area for precipitation. Runoff then flows downgradient to the recharge zone of the Edwards Aquifer.

drainage basin — An area bounded by a divide and occupied by a drainage system. It consists of a surface stream or a body of impounded surface water together with all tributary surface streams and bodies of impounded surface water.

drinking water — All water distributed by any agency or individual, public or private, for the purpose of human consumption or which may be used in the preparation of foods or beverages or for the cleaning of any utensil or article used in the course of preparation or consumption of food or beverages for human beings. The term "drinking water" shall also include all water supplied for human consumption or used by any institution catering to the public.

Edwards Underground Water District (EUWD) — Regional groundwater district that preceded the Edwards Aquifer Authority.

Edwards Aquifer Authority (EAA or Authority) — Regional governmental entity established by the Texas Legislature in 1993 to "manage, enhance, and protect the Edwards Aquifer system."

freshwater/saline-water interface — Interface or boundary that separates TDS values less than 1,000 mg/L (freshwater) from TDS values greater than 1,000 mg/L (saline water). Commonly referred to as the *bad water line*.

gauging station — A particular site that systematically collects hydrologic data such as streamflow, springflow, or precipitation.

groundwater divide — A ridge or mound in the water table or potentiometric surface from which the groundwater moves in opposite directions.

mean — Arithmetic average of a population of numbers. Described mathematically as mean = $X_1{}^{+}X_2{}^{+}X_3{}^{+}\ldots{}^{+}X_n$ / n.

median — Numerical value at the "center" or "middle" of a data set, where one-half of the sample population is less than, and one-half is greater than, the median value.

method blank — Laboratory-grade water taken through the entire sample preparation and analytical procedure as part of the batch of samples to determine the presence or absence of target constituents or interferents. The blank is used to assess possible background contamination from the analytical process. This blank is also referred to as a *laboratory blank*.

method detection limit — The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix containing the analyte. The method detection limit (MDL) is estimated in accordance with 40 CFR 136, Appendix B.

micrograms per liter (µg/L) — A unit for expressing the concentration of chemical constituents in solution as mass (micrograms) of solute per unit volume (liter) of water; 1,000 micrograms per liter is equal to 1 milligram per liter.

milligrams per liter (mg/L) — A unit for expressing the concentration of chemical constituents in solution as mass (milligrams) of solute per unit volume (liter) of water; 1,000 milligrams per liter is equal to 1 gram per liter.

potentiometric surface — An imaginary surface representing the total head of groundwater and defined by the level to which water will rise in a well. Under confined conditions, the water level will rise above the producing aquifer.

public water system — A system for the provision to the public of water for human consumption through pipes or other constructed conveyances, which includes all uses described under the definition of drinking water

real-time data — Instantaneous or near-instantaneous information gathered and used to monitor a current condition, such as precipitation, streamflow, spring discharge, etc.

recharge — Process involved in absorption and addition of water to the zone of saturation.

recharge zone — Area in which water infiltrates into the ground and eventually reaches the zone of saturation in one or more aquifers.

semivolatile organic compounds (SVOC) — Class of naturally occurring and synthetic organic compounds, such as polynuclear aromatic hydrocarbons and chlorinated hydrocarbons and pesticides; typically analyzed using gas chromatograph/mass spectrometers.

specific conductance — A measure of the ability of an aqueous solution to conduct an electrical current. Specific conductance is the given value of conductivity adjusted to a standard temperature of 25°C. Expressed in microsiemens per centimeter (µS/cm). See *conductivity*.

ten-year floating average — Calculated mean of the current year plus the previous nine years in a graph.

total dissolved solids (TDS) — Concentration of dissolved minerals in water, usually expressed in units of milligrams per liter (mg/L).

transect wells — A group of Edwards Aquifer monitoring wells positioned in a linear transect to monitor for changes in water quality along the freshwater/saline-water interface.

trip blank — Laboratory-grade water taken from the laboratory to the sampling site and returned to the laboratory unopened whenever samples are collected for analyses of volatile organic compounds. This blank is used to measure cross-contamination from the container and preservative during transport, field handling, and storage. It is analyzed for volatile organic compounds.

unconfined aquifer — An aquifer, or part of an aquifer, with a water table and containing groundwater that is not under pressure beneath relatively impermeable rocks.

underflow — Movement of water flowing beneath the land surface within the bed or alluvial plain of a surface stream.

volatile organic compounds (VOCs) — Class of naturally occurring and synthetic organic compounds with boiling points below 200˚C, typically analyzed using gas chromatograph/mass spectrometers; include solvents such as trichloroethene or benzene.

water table — Interface between the zone of saturation and the zone of aeration, where the surface pressure of unconfined groundwater is equal to the atmospheric pressure. Also known as the *piezometric surface*.

water level observation well	A water well used to measure the water level or potentiometric surface of water-bearing strata such as the Edwards Aquifer, Leona Gravel Aquifer, and Lower Glen Rose (Trinity) Aquifer.
zone of aeration	Subsurface zone where the voids and pore spaces may contain water under less pressure than that of the atmosphere. Also known as the *vadose zone*.
zone of saturation	Subsurface zone in which all voids and pore spaces are filled with water under pressure greater than that of the atmosphere. Also known as the *phreatic zone*.

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APPENDIX A

Year 2009 Water Level Data for Selected Wells

Table A-1. City of Uvalde Index Well J-27 (YP-69-50-302) Daily High Water Levels (in feet above msl), 2009.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	873.3	872.2	870.7	869.9	868.5	865.7	862.4	861.1	860.2	861.2	861.7	862.0
2	873.3	872.2	870.6	869.9	868.4	865.7	862.3	861.1	860.2	861.2	861.7	862.0
3	873.3	872.1	870.5	869.9	868.4	865.6	862.2	861.0	860.2	861.3	861.7	862.0
4	873.3	872.1	870.4	869.9	868.3	865.5	862.2	861.0	860.1	861.3	861.7	862.0
5	873.3	872.0	870.3	869.8	868.2	865.4	862.1	860.9	860.2	861.2	861.7	862.0
6	873.3	871.9	870.2	869.7	868.1	865.3	862.1	860.9	860.2	861.2	861.7	862.1
7	873.2	871.9	870.2	869.7	868.0	865.2	862.0	860.8	860.2	861.2	861.7	862.1
8	873.2	871.9	870.1	869.6	868.0	865.1	862.0	860.8	860.2	861.2	861.7	862.1
9	873.2	871.9	870.1	869.5	867.9	865.0	861.9	860.7	860.3	861.3	861.8	862.1
10	873.2	871.8	870.0	869.5	867.7	864.9	861.8	860.7	860.4	861.3	861.7	862.1
11	873.1	871.8	870.0	869.5	867.6	864.7	861.8	860.7	860.6	861.3	861.8	862.1
12	873.1	871.7	870.2	869.5	867.4	864.6	861.8	860.6	860.7	861.3	861.8	862.1
13	873.1	871.7	870.1	869.5	867.3	864.5	861.7	860.6	860.8	861.3	861.8	862.1
14	873.1	871.6	870.1	869.4	867.2	864.3	861.6	860.6	860.8	861.3	861.8	862.2
15	873.1	871.5	870.1	869.4	867.1	864.2	861.6	860.6	860.8	861.3	861.8	862.2
16	873.1	871.4	870.1	869.4	867.1	864.1	861.5	860.6	860.9	861.3	861.8	862.2
17	873.0	871.4	870.1	869.4	867.0	863.9	861.4	860.6	860.9	861.3	861.8	862.2
18	873.0	871.4	870.1	869.4	866.9	863.8	861.4	860.5	860.9	861.3	861.8	862.2
19	873.0	871.3	870.0	869.4	866.7	863.6	861.4	860.5	860.9	861.3	861.8	862.2
20	873.0	871.2	870.0	869.3	866.6	863.4	861.4	860.5	860.9	861.3	861.8	862.2
21	873.0	871.2	870.0	869.3	866.5	863.3	861.3	860.4	861.0	861.4	861.9	862.2
22	872.9	871.1	870.0	869.2	866.4	863.2	861.3	860.4	861.0	861.4	861.9	862.2
23	872.9	871.0	869.9	869.1	866.2	863.0	861.2	860.4	861.1	861.4	861.9	862.2
24	872.9	871.0	869.9	869.1	866.1	862.9	861.2	860.4	861.2	861.5	861.9	862.2
25	872.8	870.9	869.9	869.0	866.1	862.8	861.2	860.4	861.2	861.5	861.9	862.2
26	872.7	870.8	870.0	868.9	866.0	862.7	861.1	860.3	861.1	861.6	861.9	862.2
27	872.7	870.8	870.0	868.8	865.9	862.7	861.1	860.3	861.2	861.6	861.9	862.2
28	872.6	870.7	870.0	868.7	865.9	862.6	861.0	860.3	861.2	861.6	861.9	862.2
29	872.5		870.0	868.6	865.8	862.5	861.0	860.3	861.2	861.7	862.0	862.3
30	872.4		870.0	868.6	865.8	862.5	860.9 inc	860.3	861.2	861.7	862.0	862.3
31	872.3		870.0		865.8		861.0	860.2		861.7		862.2

Table A-2. City of Hondo Well (TD-69-47-306) Daily High Water Levels (in feet above msl), 2009.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	720.0	717.5	709.6	712.9	704.3	695.9	677.6	685.0	683.8	694.0	706.7	708.5
2	719.7	717.6	710.1	712.7	703.2	694.8	677.0	685.4	683.9	693.8	706.7	708.6
3	719.8	717.0	709.6	712.7	703.1	692.8	677.4	685.6	683.8	693.8	706.5	708.5
4	719.6	716.3	709.1	712.2	702.3	692.5	678.7	684.4	683.9	694.3	706.4	708.5
5	720.0	715.4	708.4	711.1	701.0	692.2	679.3	684.3	684.4	695.6	706.1	708.6
6	720.4	714.6	707.8	710.5	699.7	691.6	679.8	684.0	685.2	696.5	706.1	708.9
7	720.6	714.0	708.0	710.5	697.2	691.5	681.6	683.3	685.6	697.1	706.2	708.8
8	720.6	713.7	708.4	709.7	695.3	690.2	682.6	684.0	685.1	697.6	706.2	709.1
9	720.5	714.2	708.1	709.4	693.7	689.8	683.3	683.9	685.8	698.0	706.2	709.0
10	720.1	713.0	708.0	708.0	693.4	688.1	683.5	683.8	687.2	699.0	706.3	708.7
11	720.0	712.2	708.2	707.8	693.9	685.8	683.9	682.8	689.0	699.8	706.2	708.7
12	720.0	711.8	709.9	708.4	692.9	685.5	683.9	682.7	690.6	700.4	706.3	708.9
13	719.7	711.4	711.5	708.4	691.9	685.0	683.9	684.2	691.6	700.7	706.4	709.0
14	720.0	710.8	712.7	707.9	689.9	684.6	683.6	684.0	692.2	700.9	706.4	709.0
15	719.4	710.6	713.5	707.0	689.2	683.1	682.8	683.9	692.7	701.1	706.3	708.8
16	719.2	710.8	713.9	707.1	691.4	681.9	682.4	683.8	692.9	700.9	706.0	708.5
17	719.5	710.3	714.1	707.8	694.1	680.3	682.3	684.1	692.9	700.6	705.9	708.7
18	719.2	710.0	714.3	708.5	694.4	679.5	682.8	684.0	692.9	700.7	705.9	708.7
19	719.2	709.1	714.3	708.6	693.8	679.5	683.4	683.6	692.9	700.7	705.8	708.6
20	719.1	708.9	714.1	708.0	693.4	679.9	684.2	683.5	693.0	700.6	705.7	708.6
21	719.0	708.3	714.0	706.6	692.2	679.7	684.7	683.2	692.8	700.6	706.5	708.7
22	719.0	708.3	713.6	705.0	691.2	680.1	683.9	683.4	692.5	701.8	707.1	708.9
23	718.5	708.9	713.4	703.4	691.4	678.6	683.7	683.8	693.2	702.5	707.6	709.0
24	717.9	709.2	713.2	702.7	692.7	677.1	682.4	683.8	693.7	703.3	707.8	708.8
25	718.1	709.7	712.9	702.3	694.5	676.9	682.7	682.8	694.2	703.8	707.7	708.6
26	718.1	709.0	713.4	701.9	696.2	676.7	683.1	683.1	694.4	704.2	707.8	708.7
27	718.0	708.8	713.6	703.0	697.0	677.2	683.2	682.1	694.6	705.3	708.1	708.6
28	718.3	708.8	713.7	704.3	697.6	677.6	682.8	683.0	694.5	706.1	708.4	708.5
29	718.3		713.8	704.8	697.3	678.2	681.9	683.6	694.2	706.4	708.5	708.6
30	717.9		713.8	705.1	696.7	677.7	682.0	684.0	694.1	706.4	708.4	708.8
31	717.7		713.5		696.2		684.3	684.0		706.4		708.8

N/D = No data available.
inc = Incomplete data (not a complete day of data).
op = Orphimedes data backup.

Table A-3. City of Castroville Well (TD-68-41-301) Daily High Water Levels (in feet above msl), 2009.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	697.1	695.8	688.2	692.4	684.8	677.1	661.9	667.1	666.4	676.1	690.1	691.9
2	697.1	695.6	689.3	692.3	684.2	676.4	661.7	667.6	666.2	675.9	690.1	691.7
3	697.1	695.2	689.3	692.0	683.9	675.5	661.6	667.8	666.1	678.4	690.0	691.6
4	697.1	694.7	689.1	691.9	683.3	675.5	662.3	667.1	666.2	676.6	689.7	691.6
5	697.3	694.3	688.8	691.6	682.6	675.6	662.8	666.8	666.7	677.8	689.3	691.7
6	697.7	693.7	688.3	690.7	681.7	675.3	665.9	666.6	667.5	678.8	689.3	691.9
7	697.6	693.1	688.3	690.4	680.6	675.1	669.1	666.5	667.5	679.5	689.4	691.9
8	697.7	692.8	688.2	690.2	679.4	674.6	665.5	666.5	667.5	680.1	690.0	692.2
9	697.7	692.8	688.3	690.0	678.3	673.6	666.0	666.5	668.2	682.0	689.4	692.0
10	697.5	692.2	688.2	689.5	677.4	672.6	666.2	666.3	676.2	681.6	689.4	691.7
11	697.2	691.6	688.9	688.7	677.4	671.4	666.5	666.1	670.7	682.4	689.3	691.7
12	697.3	691.0	691.1	689.0	676.6	670.5	666.8	665.9	672.0	682.9	689.3	691.8
13	697.1	690.7	690.7	689.0	675.7	669.7	666.6	666.4	673.1	683.2	689.4	691.9
14	697.1	689.9	691.8	688.8	674.7	668.9	666.3	666.5	673.5	683.5	689.4	691.9
15	697.0	689.7	692.6	688.3	673.8	668.6	666.0	666.4	674.1	683.7	689.3	691.6
16	696.7	689.5	692.9	687.8	676.6	667.8	665.6	666.7	674.3	683.5	689.1	691.3
17	696.9	689.3	693.1	689.3	674.7	666.7	665.2	666.6	674.4	683.4	688.9	691.5
18	696.8	689.4	693.3	692.7	675.5	665.8	665.6	666.4	674.5	683.4	688.8	691.6
19	696.8	689.0	693.3	688.0	675.5	665.2	666.1	666.3	674.5	683.4	688.8	691.5
20	696.6	688.5	693.3	687.9	675.5	664.8	666.6	665.9	674.7	683.3	690.9	691.4
21	696.5	688.4	693.2	687.5	675.0	664.6	666.9	665.9	674.7	683.4	689.6	691.5
22	696.6	688.1	693.0	686.8	674.3	664.5	666.7	665.8	675.8	685.1	690.3	691.6
23	696.5	688.2	692.9	685.9	674.0	663.9	666.4	666.3	675.0	685.4	690.8	691.7
24	695.9	688.5	692.8	684.7	677.4	663.1	666.3	666.3	675.5	686.2	690.9	691.7
25	695.9	688.5	692.6	683.9	676.0	662.4	666.1	666.1	676.1	686.7	690.9	691.4
26	696.0	688.2	695.0	683.5	676.9	662.1	666.4	665.5	676.4	688.3	690.9	691.5
27	696.0	688.3	692.9	683.9	677.4	661.8	666.4	666.3	676.5	688.5	691.2	691.5
28	695.9	688.1	692.8	684.3	677.8	662.1	666.3	665.7	676.5	689.3	691.5	691.3
29	695.9		692.9	684.9	678.0	662.4	666.0	666.2	676.3	689.7	691.6	691.4
30	695.6		693.0	685.1	677.3	662.2	675.1	666.7	676.2	689.8	691.4	691.5
31	695.6		692.8		677.2		666.4	666.6		689.9		691.5

Table A-4. Bexar County Index Well J-17 (AY-68-37-203) Daily High Water Levels (in feet above msl), 2009.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	669.7	669.2	664.1	664.9	660.1	656.7	640.9	644.9	643.1	651.4	669.7	670.4
2	669.5	668.6	663.7	664.7	659.8	655.8	640.3	645.5	642.7	651.4	669.2	670.8
3	669.9	668.5	663.8	664.4	659.7	655.5	640.7	644.8	643.0	651.7	668.9	670.9
4	669.8	668.1	663.3	664.1	658.4	655.9	641.7	643.7	643.1	656.2	668.5	670.8
5	669.5	667.8	663.1	663.2	657.6	655.9	642.7	643.4	644.5	658.6	668.1	671.2
6	669.6	667.2	662.7	662.2	657.2	655.8	642.1	643.6	645.9	659.5	667.9	671.1
7	669.8	667.4	662.9	662.0	655.9	655.8	642.7	643.2	645.7	659.8	668.2	670.8
8	670.0	667.5	663.0	661.4	655.0	655.2	643.3	643.5	644.8	659.7	668.3	670.8
9	669.7	667.3	662.7	660.8	654.5	654.0	643.8	644.4	645.8	661.0	668.4	670.7
10	669.6	667.3	662.6	660.0 inc	654.2	652.2	643.6	643.9	648.8	662.0	668.3	670.6
11	670.0	667.3	663.0	660.8 inc	653.5	651.5	644.6	642.6	651.5	662.6	668.0	670.5
12	669.9	666.8	665.3	661.6	652.1	651.0	645.4	642.4	653.3	662.8	667.9	670.8
13	669.7	666.4	666.6	661.8	651.4	650.1	644.9	643.7	654.4	662.6	668.0	670.8
14	669.7	666.6	667.3	661.0	650.6	649.9	643.8	643.8	653.8	662.9	668.0	670.4
15	669.5	666.5	668.0	660.4	650.4	648.7	643.4	644.4	653.8	662.8	667.9	670.1
16	669.4	665.8	667.8	660.1	651.4	647.2	642.9	645.0	653.3	662.4	667.4	669.7
17	669.8	665.4	667.8	661.3	653.0	646.0	643.0	644.4	652.8	662.6	667.4	669.9 inc
18	670.0	665.7	667.6	662.6	653.4	645.8	644.3	643.1 inc	652.7	662.5	667.2	669.9
19	669.7	665.3	667.3	663.2	653.9	645.5	645.5	643.2	652.8	662.1	666.9	670.2
20	669.4	665.0	666.9	663.0	653.9	645.5	645.2	643.1	652.9	661.6	668.5	670.2
21	669.2	665.3	666.7	662.6	654.0	645.6	645.0	642.8	652.3	661.4	669.9	670.1
22	669.4	665.2	666.5	661.7	653.7	645.1	644.3	643.7	652.2	664.0	670.5	670.1
23	669.2	664.8	666.0	660.9	654.5	643.4	643.9	645.0	652.9	665.0	670.8	670.1
24	669.2	664.6	665.9	660.0	655.9	642.7	643.4	644.0	653.4	665.8	670.7	670.1
25	669.4	664.6	665.6	659.8	656.4	642.0	644.3	643.2	653.9	666.6	670.4	670.2
26	669.1	664.0	665.4	659.8	657.2	641.4	645.0	642.6	653.6	667.2	670.2	670.6
27	669.0	663.7	665.8	659.3	657.6	642.1	644.4	642.6	653.4	668.3	670.5	670.4
28	668.9	663.7	666.1	659.8	657.8	642.7	643.3	644.2	652.6	668.9	670.7	670.1
29	669.0		666.1	660.2	657.5	642.2	642.7	645.0	652.0	669.2	670.9	669.9
30	668.8		665.6	660.3	657.5	640.9	643.0	645.6	651.7	669.4	670.4	670.1
31	669.0		665.0		657.4		643.8	644.1		669.6		670.2

N/D = No data available.
inc = Incomplete data (not a complete day of data).
op = Orphimedes data backup.

Table A-5. Landa Park Well (DX-68-23-302) Daily High Water Levels (in feet above msl), 2009.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	626.1	626.0	625.6	625.5	625.0	624.6	623.1	623.1	623.0	624.0	626.2	626.5
2	626.1	626.0	625.5	625.5	625.0	624.6	623.1	623.2	622.9	624.0	626.2	626.5
3	626.1	626.0	625.5	625.5	625.0	624.6	623.1	623.2	622.9	624.2	626.2	626.5
4	626.1	625.9	625.5	625.5	624.9	624.5	623.2	623.2	622.9	625.0	626.2	626.5
5	626.1	625.9	625.5	625.4	624.8	624.5	623.2	623.1	623.0	624.8	626.2	626.6
6	626.1	625.9	625.5	625.4	624.8	624.5	623.2	623.1	623.1	624.9	626.2	626.6
7	626.1	625.9	625.5	625.3	624.7	624.5	623.1	623.1	623.1	625.0	626.2	626.6
8	626.1	625.9	625.5	625.3	624.7	624.5	623.1	623.1	623.0	625.0	626.3	626.6
9	626.1	625.9	625.4	625.2	624.6	624.4	623.1	623.1	623.3	625.2	626.3	626.6
10	626.1	625.9	625.4	625.2	624.6	624.3	623.1	623.1	623.9	625.2	626.2	626.6
11	626.1	625.9	625.4	625.2	624.5	624.3	623.2	623.0	623.9	625.3	626.2	626.5
12	626.1	625.8	625.5	625.3	624.4	624.2	623.3	622.9 inc	623.9	625.3	626.2	626.6
13	626.1	625.8	625.6	625.3	624.4	624.2	623.2	622.9 inc	624.0	625.3	626.2	626.6
14	626.1	625.8	625.6	625.2	624.3	624.2	623.1	622.9	624.0	625.4	626.3	626.6
15	626.0 inc	625.8	625.7	625.2	624.2 inc	624.1	623.1	623.0	624.0	625.4	626.3	626.6
16	ND	625.8	625.7	625.1	ND	624.0	623.0 inc	623.1	624.0	625.4	626.3	626.5
17	ND	625.8	625.7	625.2	ND	623.9	ND	623.0	624.0	625.4	626.2	626.5
18	ND	625.8	625.7	625.2	624.4 inc	623.8	ND	622.9	624.0	625.5	626.2	626.5
19	ND	625.7	625.7	625.3	624.4	623.7	623.2 inc	622.8	624.0	625.5	626.2	626.5
20	626.0 inc	625.7	625.7	625.3	624.4	623.7	623.2	613.5	624.0	625.4	626.5	626.5
21	626.0	625.7	625.7	625.2	624.4	623.7	623.2	622.8	624.0	625.4	626.4	626.5
22	626.0	625.7	625.6	625.2	624.4	623.7	623.2	622.9	624.0	625.7	626.4	626.5
23	626.0	625.7	625.6	625.1	624.5	623.6	623.1	623.0	624.0	625.6	626.4	626.5
24	626.0	625.7	625.6	625.1	624.5	623.4	623.1	623.0	624.1	625.7	626.4	626.5
25	626.0	625.7	625.6	625.1	624.6	623.4	623.2	623.0	624.1	625.8	626.4	626.5
26	626.0	625.6	625.6	625.1	624.6	623.3	623.2	622.9	624.2	626.1	626.4	626.6
27	626.0	625.6	625.6	625.1	624.6	623.3	623.2	622.9	624.2	626.1	626.5	626.6
28	626.0	625.6	625.6	625.1	624.6	623.3	623.1	623.0	624.1	626.1	626.5	626.5
29	626.0		625.6	625.0	624.6	623.3	623.0	623.1	624.0	626.1	626.6	626.5
30	626.0		625.6	625.0	624.6	623.2	623.0	623.1	624.0	626.2	626.5	626.5
31	626.0		625.5		624.7		623.0	623.0		626.2		626.5

Table A-6. Knispel Well (LR 67-01-809) Daily high water levels (in feet above msl), 2009.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	ND	ND	573.6	573.6	573.7	573.6	573.4	573.4	573.3	573.6	576.2	576.6
2	ND	ND	573.7	573.6	573.7	573.6	573.4	573.4	573.3	573.6	576.2	576.6
3	ND	ND	573.7	573.6	573.7	573.6	573.4	573.4	573.3	573.8	576.2	576.6
4	ND	ND	573.7	573.6	573.7	573.6	573.5	573.4	573.3	574.4	576.2	576.6
5	ND	ND	573.6	573.6	573.7	573.6	573.4	573.4	573.3	574.6	576.1	576.7
6	ND	ND	573.6	573.6	573.7	573.6	573.4	573.4	573.3	574.7	576.2	576.7
7	ND	ND	573.6	573.6	573.7	573.6	573.5	573.4	573.3	574.7	576.2	576.7
8	ND	ND	573.6	573.6	573.7	573.6	573.4	573.4	573.2	574.7	576.2	576.7
9	ND	ND	573.6	573.6	573.7	573.6	573.4	573.4	573.2	574.9	576.2	576.7
10	ND	ND	573.6	573.6	573.7	573.6	573.4	573.4	573.3	575.0	576.2	576.6
11	ND	ND	573.6	573.6	573.7	573.6	573.4	573.4	573.4	575.1	576.2	576.6
12	ND	573.7	573.6	573.6	573.7	573.6	573.4	573.4	573.5	575.2	576.2	576.7
13	ND	573.7	573.6	573.6	573.7	573.6	573.4	573.4	573.6	575.2	576.2	576.7
14	ND	573.7	573.6	573.6	573.7	573.6	573.4	573.4	573.6	575.2	576.2	576.7
15	ND	573.6	573.7	573.6	573.7	573.6	573.4	573.4	573.7	575.3	576.2	576.6
16	ND	573.7	573.7	573.6	573.7	573.5	573.4	573.4	573.7	575.2	576.2	576.6
17	ND	573.7	573.7	573.7	573.7	573.5	573.4	573.3	573.7	575.2	576.2	576.6
18	ND	573.7	573.6	573.6	573.7	573.5	573.3	573.3	573.7	575.2	576.2	576.7
19	ND	573.7	573.6	573.6	573.7	573.5	573.3	573.4	573.7	575.2	576.2	576.6
20	ND	573.7	573.6	573.6	573.7	573.5	573.3	573.3	573.7	575.2	576.2	576.6
21	ND	573.7	573.6	573.7	573.7	573.5	573.3	573.3	573.7	575.2	ND	576.6
22	ND	573.6	573.6	573.7	573.7	573.5	573.3	573.3	573.7	575.2	ND	576.7
23	574.4 inc	573.6	573.6	573.7	573.7	573.5	573.3	573.3	573.7	575.3	ND	576.7
24	ND	573.7	573.6	573.6	573.7	573.5	573.3	573.3	573.7	575.4	ND	576.7
25	ND	573.7	573.6	573.6	573.7	573.5	573.3	573.3	573.7	575.4	576.5	576.6
26	ND	573.6	573.6	573.6	573.7	573.5	573.3	573.3	573.7	575.9	576.5	576.6
27	ND	573.6	573.6	573.7	573.7	573.5	573.4	573.3	573.7	576.1	576.6	576.6
28	ND	573.6	573.6	573.7	573.6	573.5	573.4	573.3	573.7	576.2	576.6	576.6
29	ND		573.6	573.7	573.6	573.5	573.4	573.4	573.7	576.2	576.6	576.6
30	ND		573.6	573.7	573.6	573.5	573.4	573.3	573.6	576.2	576.6	576.6
31	ND		573.6		573.6		573.4	573.3		576.2		576.6

N/D = No data available.

inc = Incomplete data (not a complete day of data).

APPENDIX B

Year 2009 Hydrographs for Wells and Springs

Figure B-1. Bexar County Index Well J-17 (AY-68-37-203) Hydrograph of Groundwater Elevation vs. Precipitation at San Antonio International Airport

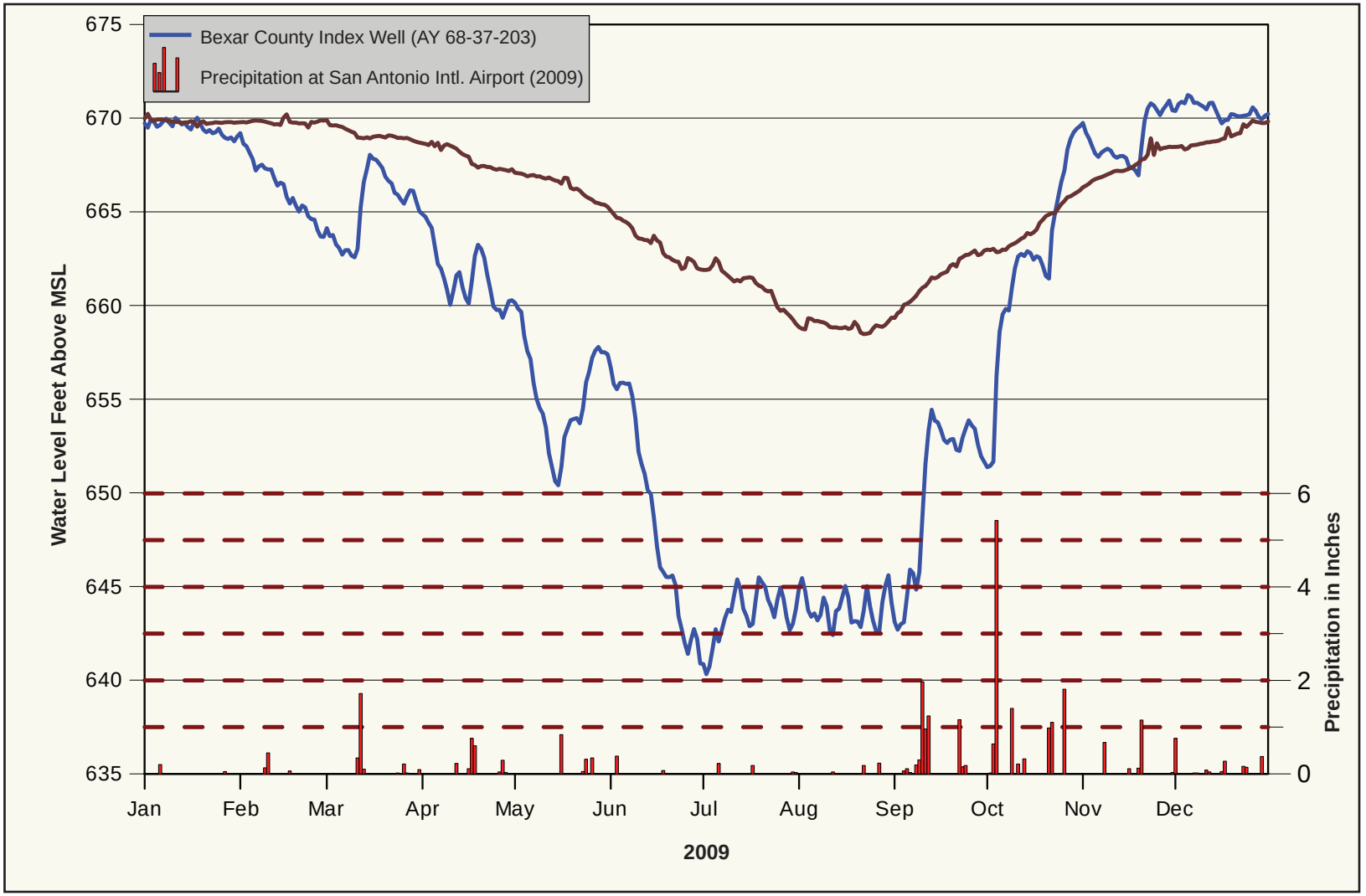


Figure B-2. City of Hondo Well (TD-69-47-306) Hydrograph of Groundwater Elevation vs. Precipitation at Hondo

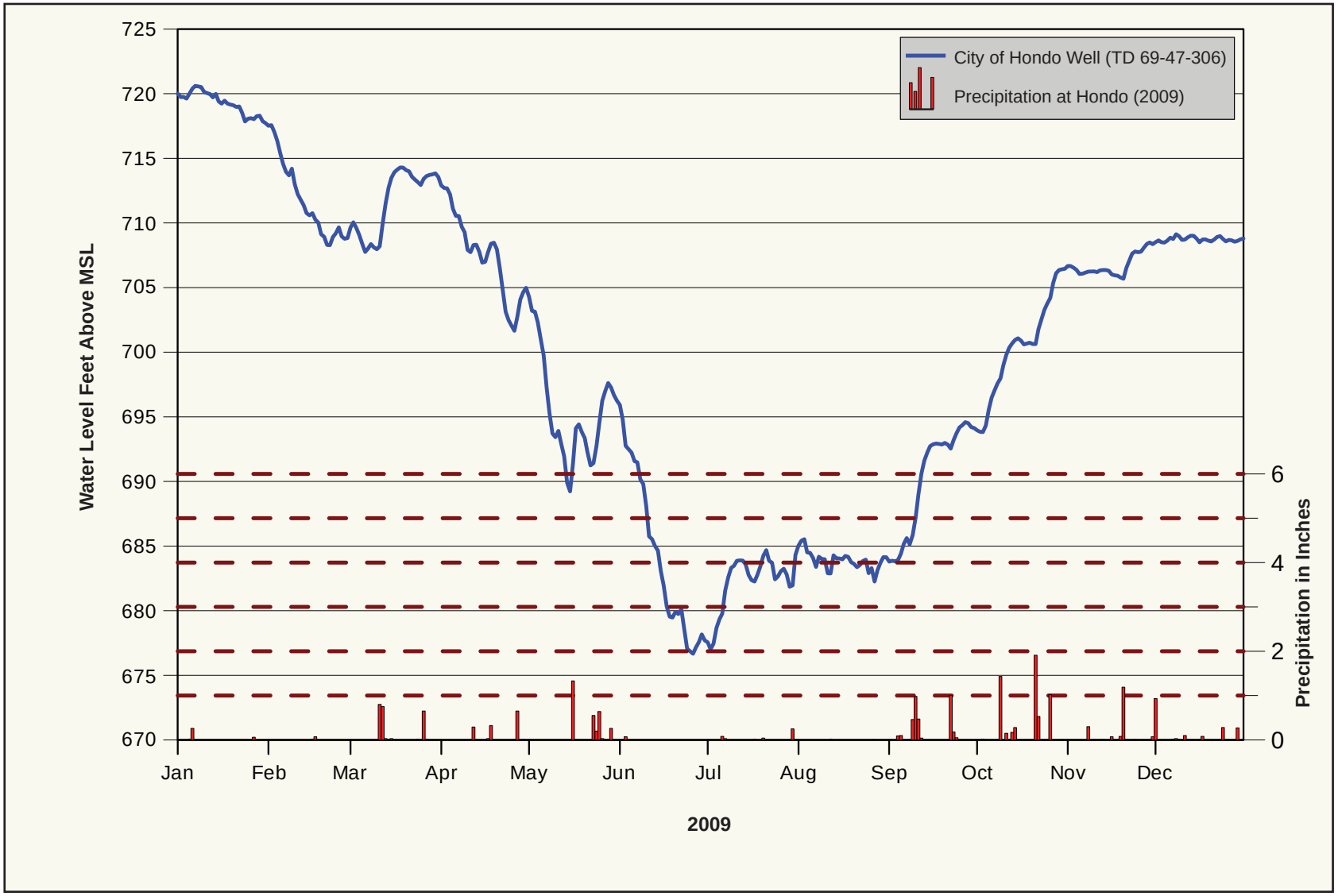


Figure B-3. City of Uvalde Index Well J-27 (YP-69-50-302) Hydrograph of Groundwater Elevation vs. Precipitation at Uvalde

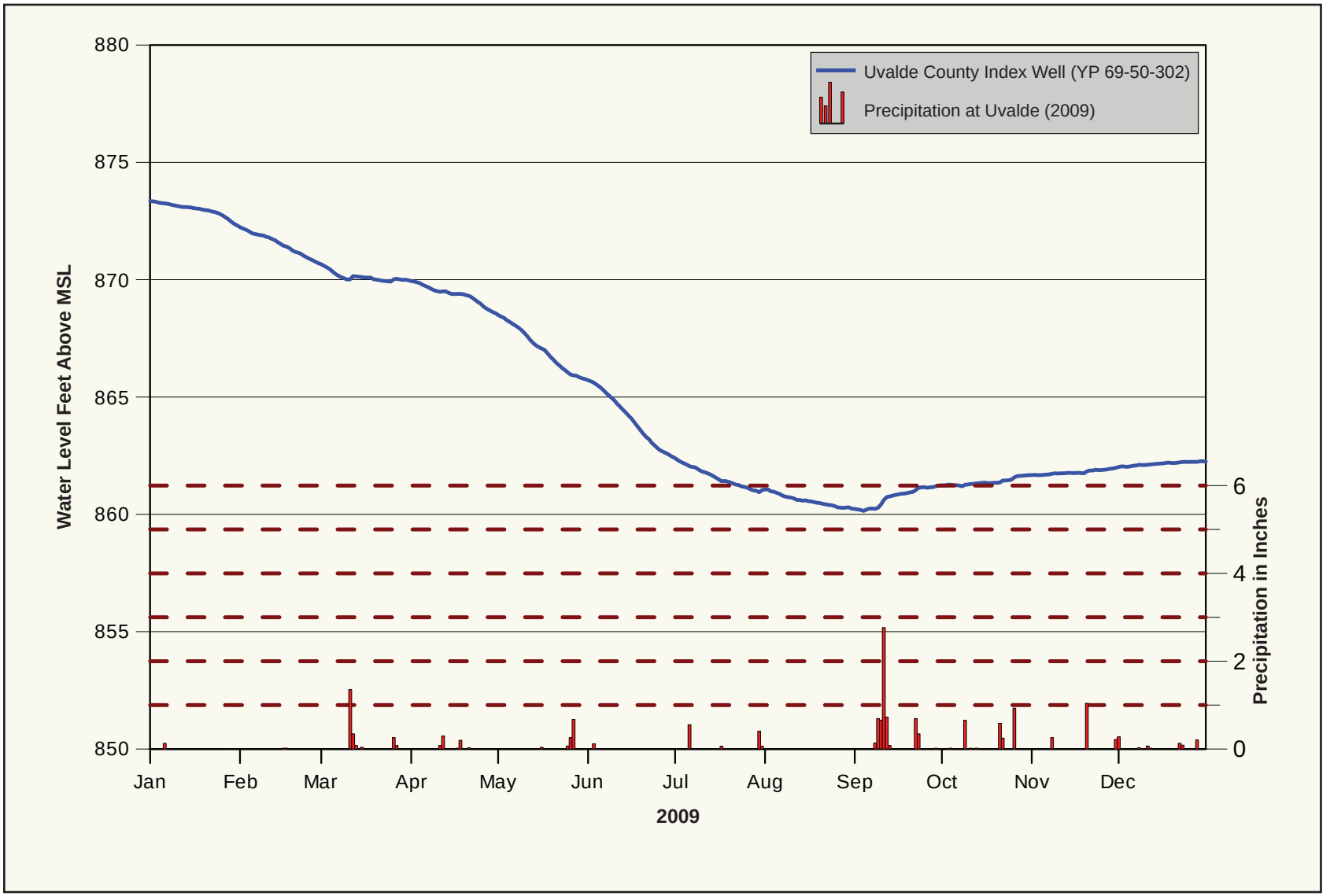


Figure B-4. Comal Springflow Hydrograph of Springflow vs. Precipitation at San Antonio International Airport

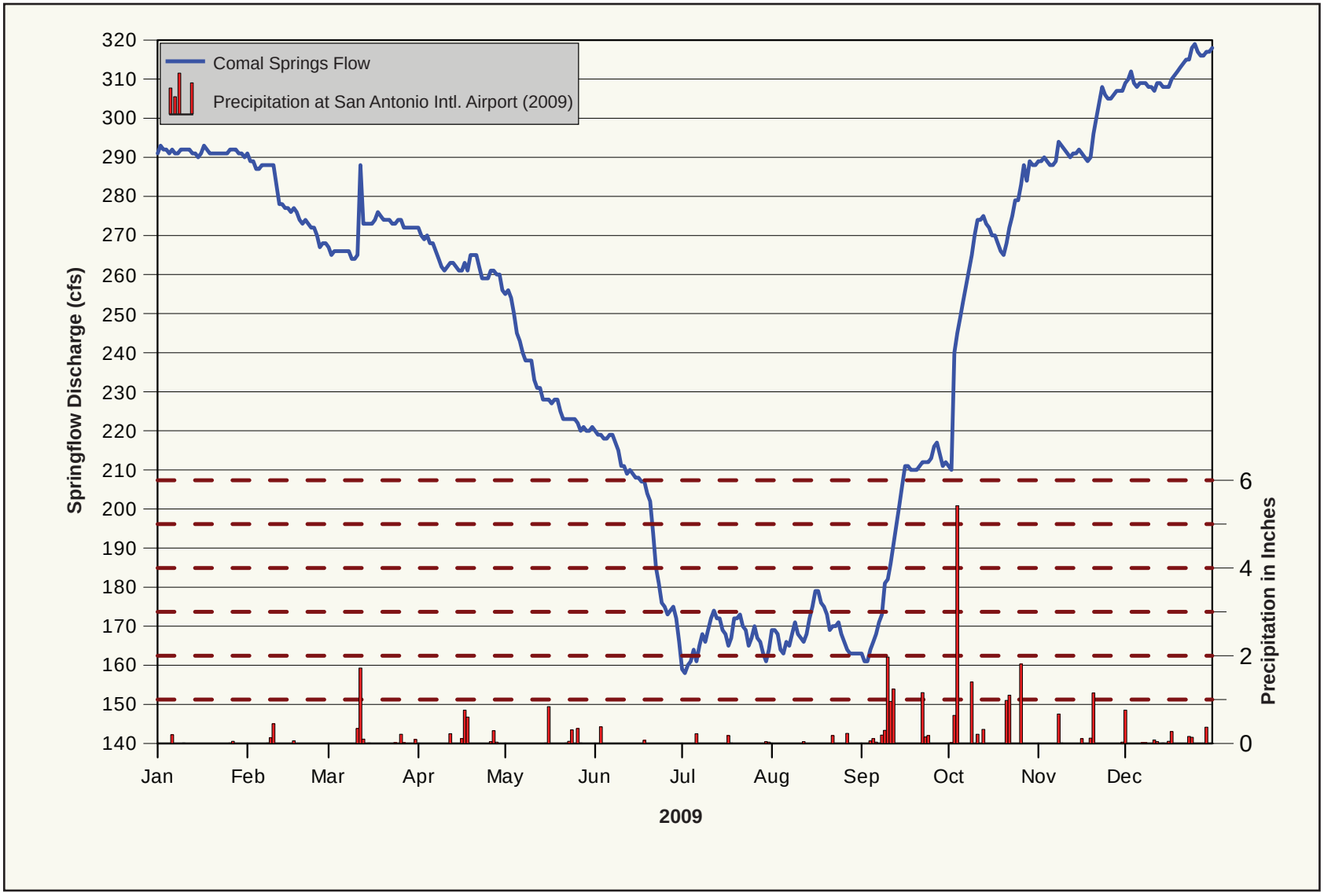
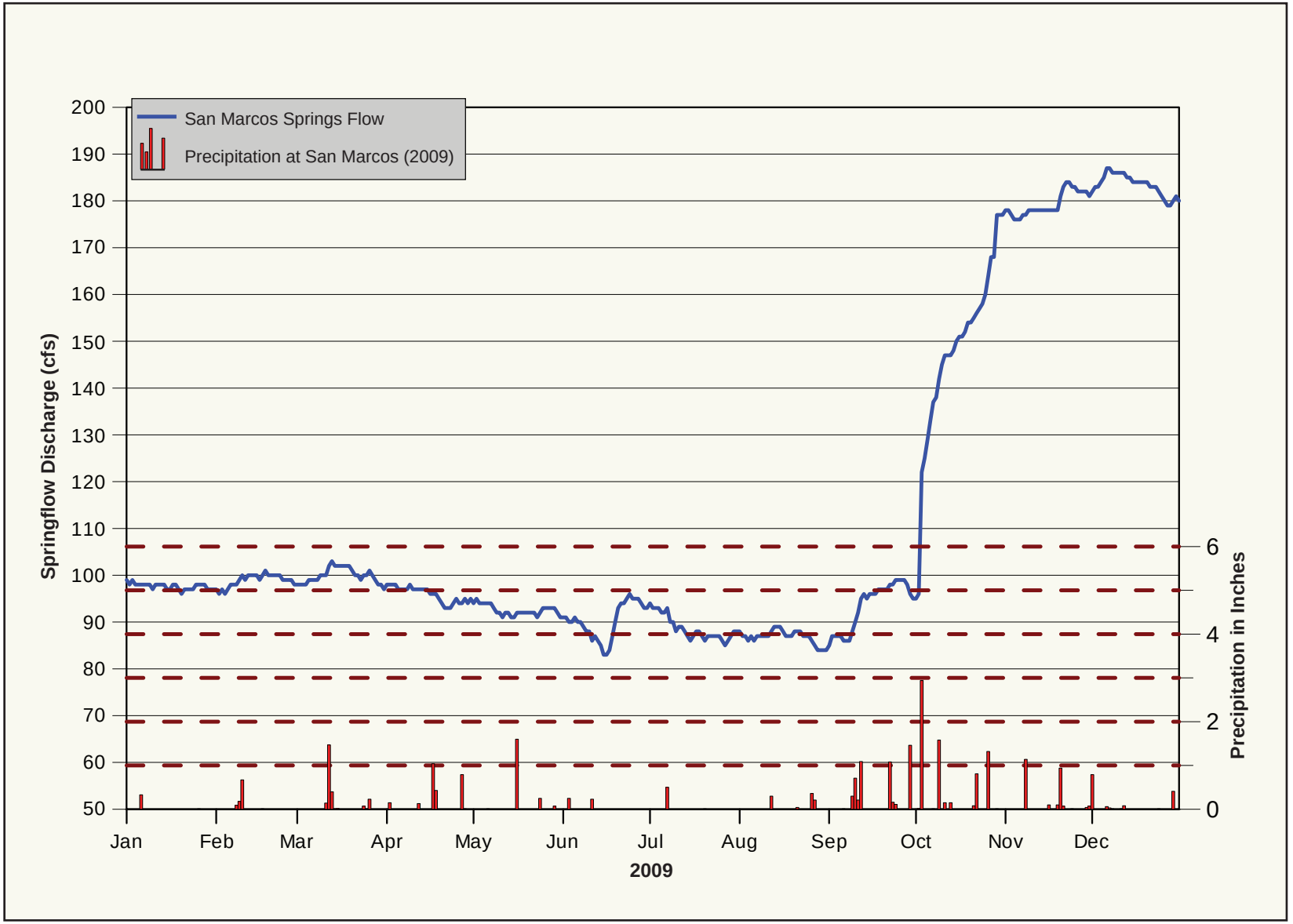


Figure B-5. San Marcos Springflow Hydrograph of Springflow vs. Precipitation at San Marcos



APPENDIX C – Year 2007 Water Quality Data

Table C-1. Field measurements and bacteria counts in water samples from wells completed in the Edwards Aquifer, 2009

State Well Number	Date Sampled	Time Sampled	Water Temp (deg C)	Field Conduc-tivity (µg/L)	Field pH (std units)	Field Alkalinity (mg/L)	Turbidity (NTU)	Fecal Coliform (colonies/ 100ml)	Fecal Strep (colonies/ 100ml)	E. Coli (colonies /100mL)	Field Dis-solved Oxygen (mg/L)	Dis-solved OrthoPho sphate
AY-68-27-307	04/02/09	10:20	23.60	NA	7.04	NA	28.3	<1	<1	NA	NA	NA
AY-68-27-5ME	12/15/09	9:25	21.90	NA	7.52	NA	2.31	<1	<1	<1	NA	NA
AY-68-27-5SM	12/15/09	11:25	21.90	NA	7.00	NA	5.18	<1	<1	<1	NA	NA
AY-68-27-5VC	12/15/09	10:10	17.60	NA	6.97	NA	0.4	<1	<1	<1	NA	NA
AY-68-27-5VP	12/15/09	10:45	16.60	NA	7.55	NA	0.66	<1	<1	<1	NA	NA
AY-68-27-609	10/20/09	10:30	NA	NA	7.95	272	13.1	<1	<1	NA	NA	NA
AY-68-27-6TW	12/15/09	13:30	20.30	NA	7.43	NA	13.6	2	13	2	NA	NA
AY-68-27-8KL	12/15/09	11:55	21.40	NA	7.14	NA	1.71	<1	<1	<1	NA	NA
AY-68-28-203	08/11/09	9:30	23.90	632	6.67	314	0.71	<1	<1	NA	NA	NA
AY-68-28-205	08/11/09	9:50	24.20	629	6.73	301	0.37	<1	<1	NA	NA	NA
AY-68-28-210	10/20/09	11:40	25.60	NA	7.08	291	22.4	<1	<1	NA	NA	NA
AY-68-28-211	09/24/09	11:25	24.60	600	6.77	285	0.93	2	4	NA	NA	NA
AY-68-28-315	12/17/09	11:50	24.70	NA	7.13	NA	11	1	4	NA	NA	NA
AY-68-28-513	08/11/09	10:20	23.20	625	6.67	315	NA	<1	<1	NA	NA	NA
AY-68-28-514	08/11/09	10:45	22.90	646	6.58	296	0.4	<1	<1	NA	NA	NA
AY-68-28-515	11/05/09	10:40	27.90	585	6.97	272	15.2	<1	<1	NA	NA	NA
AY-68-28-517	09/24/09	10:10	24.00	532	6.87	261	1.74	<1	<1	NA	NA	NA
AY-68-28-608 DG	09/16/09	9:50	25.00	589	6.88	NA	NA	NA	NA	NA	5.18	NA
AY-68-28-608AG	01/27/09	9:10	23.10	490	7.05	287	0.54	NA	NA	NA	NA	NA
AY-68-28-608AG	02/25/09	10:15	23.20	505	6.88	282	0.99	NA	NA	NA	NA	NA
AY-68-28-608AG	03/13/09	9:40	22.80	NA	6.95	284	0.51	NA	NA	NA	NA	NA
AY-68-28-608AG	03/17/09	9:40	23.20	NA	6.88	283	0.55	NA	NA	NA	NA	NA
AY-68-28-608AG	03/19/09	9:40	23.30	NA	7.25	293	0.78	NA	NA	NA	NA	NA
AY-68-28-608AG	04/21/09	11:10	23.60	NA	6.91	294	1.21	NA	NA	NA	NA	NA
AY-68-28-608DG	05/26/09	9:40	23.60	595	6.91	285	NA	NA	NA	NA	NA	NA
AY-68-28-608DG	08/13/09	10:00	25.20	584	7.00	265	NA	NA	NA	NA	NA	NA
AY-68-28-608DG	11/10/09	9:45	NA	616	NA	NA	2.78	NA	NA	NA	NA	NA
AY-68-28-608DG	11/23/09	14:30	NA	642	NA	NA	NA	NA	NA	NA	NA	NA
AY-68-28-608SG	01/27/09	11:35	23.10	468	7.06	283	1.8	NA	NA	NA	NA	NA
AY-68-28-608SG	02/25/09	11:45	23.40	497	7.05	281	0.59	NA	NA	NA	NA	NA
AY-68-28-608SG	03/13/09	10:45	22.90	NA	7.03	288	0.43	NA	NA	NA	NA	NA
AY-68-28-608SG	03/17/09	10:45	23.20	NA	7.14	279	0.53	NA	NA	NA	NA	NA
AY-68-28-608SG	03/19/09	10:45	23.20	NA	7.09	283	0.61	NA	NA	NA	NA	NA
AY-68-28-608SG	04/21/09	10:00	23.40	NA	6.94	284	0.42	NA	NA	NA	NA	NA
AY-68-29-114	08/25/09	11:20	23.50	672	6.56	335	0.64	<1	<1	NA	NA	NA
AY-68-29-213	03/31/09	10:15	23.90	NA	6.89	332	1.11	<1	<1	NA	NA	NA
AY-68-29-216	11/05/09	12:40	24.50	531	6.78	261	0.66	<1	<1	NA	NA	NA
DX-68-16-701	08/27/09	10:30	24.30	842	6.79	353	0.48	4	180	NA	NA	NA
DX-68-22-203	06/24/09	10:35	23.40	537	6.94	279	0.42	<1	<1	NA	NA	NA
DX-68-22-805	06/23/09	10:15	22.50	542	7.02	279	0.65	<1	<1	NA	NA	NA
DX-68-22-903	06/24/09	9:20	22.40	520	7.02	294	0.54	<1	<1	NA	NA	NA
DX-68-23-303	06/24/09	10:05	24.20	567	7.09	272	0.36	<1	<1	NA	NA	NA
DX-68-23-304	03/04/09	14:00	24.00	NA	7.16	240	0.26	<1	<1	NA	NA	NA
DX-68-23-504	08/18/09	9:10	23.90	575	6.87	NA	0.25	<1	<1	NA	NA	NA
DX-68-30-221	06/23/09	9:00	22.60	607	6.89	294	0.37	<1	<1	NA	NA	NA
DX-68-30-225	06/23/09	10:40	22.30	599	6.93	307	0.34	<1	<1	NA	NA	NA
LR-67-01-2DE	03/18/09	11:55	22.10	NA	7.32	215	0.29	<1	<1	NA	NA	NA
LR-67-01-5BL	12/08/09	13:55	NA	NA	7.55	238	1.49	<1	<1	NA	NA	NA
LR-67-01-5ST	12/08/09	15:30	NA	NA	7.59	288	0.94	<1	18	NA	NA	NA

Table C-1. (cont.) Field measurements and bacteria counts in water samples from wells completed in the Edwards Aquifer, 2009

State Well Number	Date Sampled	Time Sampled	Water Temp (deg C)	Field conduc-tivity (µg/L)	Field pH (std units)	Field Alkalinity (mg/L)	Turbidity (NTU)	Fecal Coliform (colonies/ 100ml)	Fecal Strep (colonies/ 100ml)	E. Coli (colonies /100mL)	Field Dis-solved Oxygen (mg/L)	Dis-solved OrthoPho sphate
LR-67-01-704	12/09/09	9:40	23.10	NA	7.11	NA	0.97	9	<1	NA	NA	NA
LR-67-01-7PS	11/19/09	13:15	22.60	635	6.06	284	0.68	<1	<1	NA	NA	NA
LR-67-01-7SF	12/09/09	10:00	19.10	NA	7.38	NA	0.87	<1	<1	NA	NA	NA
LR-67-01-7SG	12/09/09	10:30	22.20	NA	7.83	NA	0.94	<1	7	NA	NA	NA
LR-67-01-805	11/19/09	11:40	22.70	614	7.16	267	0.75	<1	<1	NA	NA	NA
LR-67-01-810	11/19/09	12:05	22.50	590	7.36	277	0.47	<1	<1	NA	NA	NA
LR-67-01-816	08/19/09	10:45	22.60	636	6.81	276	0.57	<1	<1	NA	NA	NA
LR-67-01-818	12/07/09	13:30	21.00	NA	7.15	379	0.46	<1	<1	NA	NA	NA
LR-67-01-8AR	11/19/09	12:30	22.60	581	6.92	279	0.66	<1	<1	NA	NA	NA
LR-67-01-8FO	12/08/09	12:00	NA	NA	7.34	343	1.64	7	74	NA	NA	NA
LR-67-01-8MO	12/07/09	12:15	20.60	NA	7.48	241	0.62	<1	<1	NA	NA	NA
LR-67-01-8SW	12/07/09	15:45	18.80	NA	7.92	259	3.69	110	280	NA	NA	NA
LR-67-01-9DK	12/07/09	12:45	21.30	NA	7.49	246	0.55	<1	2	NA	NA	NA
LR-67-01-9MK	12/07/09	13:05	15.50	NA	7.52	267	0.62	<1	9	NA	NA	NA
LR-67-09-101 1	01/28/09	14:10	22.80	583	7.04	282	2.9	NA	NA	NA	NA	NA
LR-67-09-101 1	02/25/09	14:50	23.10	584	7.06	280	6.48	NA	NA	NA	NA	NA
LR-67-09-101 1	04/21/09	14:20	23.50	NA	6.93	288	1.27	NA	NA	NA	NA	NA
LR-67-09-101 1	05/26/09	15:05	23.20	700	6.95	285	2.23	NA	NA	NA	NA	NA
LR-67-09-101 1	09/16/09	13:05	23.50	694	6.85	NA	NA	NA	NA	NA	3.17	NA
LR-67-09-101 133.5	07/20/09	9:45	25.70	NA	7.00	NA	NA	NA	NA	NA	NA	NA
LR-67-09-101 147	07/13/09	10:24	23.10	694	7.00	NA	NA	NA	NA	NA	NA	NA
LR-67-09-101 147	07/21/09	9:50	25.80	NA	7.00	NA	NA	NA	NA	NA	NA	NA
LR-67-09-101 151.5	07/14/09	9:40	23.30	682	6.93	NA	NA	NA	NA	NA	NA	NA
LR-67-09-101 152	7/22/209	13:42	25.80	NA	7.01	NA	NA	NA	NA	NA	NA	NA
LR-67-09-101 159.5	07/15/09	11:00	24.90	674	7.01	NA	NA	NA	NA	NA	NA	NA
LR-67-09-101 159.5	07/23/09	12:20	25.00	681	7.03	NA	NA	NA	NA	NA	NA	NA
LR-67-09-101 168	07/19/09	15:00	25.10	NA	6.92	NA	NA	NA	NA	NA	NA	NA
LR-67-09-101 176	07/16/09	9:35	23.40	NA	6.92	NA	NA	NA	NA	NA	NA	NA
LR-67-09-101 176	07/24/09	11:00	24.30	676	7.18	NA	NA	NA	NA	NA	NA	NA
LR-67-09-101 179	07/18/09	10:25	23.40	NA	6.92	NA	NA	NA	NA	NA	NA	NA
LR-67-09-101 180	07/17/09	15:00	28.30	686	6.83	NA	NA	NA	NA	NA	NA	NA
LR-67-09-101 180	07/25/09	11:20	24.50	682	7.16	NA	NA	NA	NA	NA	NA	NA
LR-67-09-101 182	07/26/09	14:20	25.10	684	7.14	NA	NA	NA	NA	NA	NA	NA
LR-67-09-101 4	01/28/09	14:45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LR-67-09-101 4	02/25/09	14:20	23.10	580	7.03	280	3.87	NA	NA	NA	NA	NA
LR-67-09-101 4	04/21/09	13:35	23.40	NA	6.95	284	1.33	NA	NA	NA	NA	NA
LR-67-09-101 4	05/26/09	13:35	23.20	702	6.96	295	0.99	NA	NA	NA	NA	NA
LR-67-09-101 4	09/16/09	13:40	23.20	692	6.52	NA	NA	NA	NA	NA	2.9	NA
LR-67-09-105	12/09/09	11:15	22.80	NA	7.18	NA	1.03	<1	<1	NA	NA	NA
LR-67-09-106	12/09/09	10:00	22.60	NA	7.15	NA	1.99	<1	<1	NA	NA	NA
LR-67-09-1AA	11/19/09	11:00	22.30	585	7.33	289	1.47	<1	<1	NA	NA	NA
LR-67-09-1HB	11/17/09	12:45	21.50	573	7.41	275	0.77	<1	<1	NA	NA	NA
LR-67-09-1SM	11/19/09	10:35	22.70	663	7.72	266	0.81	<1	<1	NA	NA	NA
LR-68-08-902	12/09/09	9:15	17.00	NA	7.50	271	0.77	2	<1	NA	NA	NA
LR-68-16-302	11/19/09	10:05	22.70	568	7.51	262	0.51	<1	<1	NA	NA	NA
LR-68-16-603	08/19/09	11:25	23.40	604	6.85	268	0.35	<1	<1	NA	NA	NA
RP-70-45-501	07/30/09	9:35	24.50	484	7.01	224	0.36	<1	<1	NA	NA	NA
RP-70-45-601	07/30/09	10:25	25.10	459	7.01	223	0.68	<1	<1	NA	NA	NA
TD-68-33-502	06/10/09	11:40	23.30	489	7.26	200	0.43	<1	<1	NA	NA	NA

Table C-1. (cont.) Field measurements and bacteria counts in water samples from wells completed in the Edwards Aquifer, 2009

State Well Number	Date Sampled	Time Sampled	Water Temp (deg C)	Field conduc-tivity (µg/L)	Field pH (std units)	Field Alkalinity (mg/L)	Turbidity (NTU)	Fecal Coliform (colonies/ 100ml)	Fecal Strep (colonies/ 100ml)	E. Coli (colonies /100mL)	Field Dis-solved Oxygen (mg/L)	Dis-solved OrthoPho sphate
TD-68-41-102	06/16/09	9:50	24.40	493	7.24	224	0.46	<1	<1	NA	NA	NA
TD-68-41-303	07/15/09	10:20	23.90	506	7.12	236	0.61	<1	<1	NA	NA	NA
TD-68-41-901	06/16/09	10:35	26.60	497	7.23	216	0.49	<1	<1	NA	NA	NA
TD-68-42-113	07/28/09	10:30	NA	507	7.01	208	0.9	<1	<1	NA	NA	NA
TD-68-42-506	07/15/09	10:00	25.90	493	7.08	229	1.16	<1	<1	NA	NA	NA
TD-68-42-806	06/30/09	9:25	31.80	493	7.16	216	0.41	<1	<1	NA	NA	NA
TD-68-49-301	06/30/09	10:35	33.10	484	6.81	154	0.5	<1	<1	NA	NA	NA
TD-68-49-501	07/15/09	11:00	28.90	505	7.08	219	0.41	<1	<1	NA	NA	NA
TD-69-38-906	07/29/09	9:25	24.50	535	6.84	259	0.84	<1	<1	NA	NA	NA
TD-69-39-601	07/29/09	11:35	24.30	472	6.93	239	1.23	<1	<1	NA	NA	NA
TD-69-47-215	07/28/09	11:30	24.20	474	7.09	229	0.45	<1	<1	NA	NA	NA
TD-69-47-303	07/16/09	11:20	24.30	478	7.02	198	0.48	<1	<1	NA	NA	NA
TD-69-47-305	07/28/09	11:55	25.80	481	7.07	221	0.35	<1	<1	NA	NA	NA
TD-69-55-604	06/10/09	10:35	23.80	529	7.26	236	0.41	<1	<1	NA	NA	NA
TD-69-63-103	07/29/09	8:35	37.60	574	7.33	215	0.94	<1	<1	NA	NA	NA
YP-69-33-701	08/12/09	13:00	22.00	407	6.95	198	0.37	4	74	NA	NA	NA
YP-69-35-401	08/12/09	11:15	23.20	507	6.87	244	2.09	<1	150	NA	NA	NA
YP-69-43-606	06/09/09	10:15	23.50	505	7.20	168	NA	<1	<1	NA	NA	NA
YP-69-45-405	06/17/09	10:05	22.80	485	7.22	250	0.06	<1	<1	NA	NA	NA
YP-69-50-207	06/17/09	9:20	23.10	534	7.06	232	0.33	<1	<1	NA	NA	NA
YP-69-51-114	06/09/09	11:05	25.00	890	6.88	289	NA	<1	<1	NA	NA	NA

Table C-2. Analytical data for major ions from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Calcium (mg/L)	Sodium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Silica (µg/L)	Total Dissolved Solids (mg/L)
Bexar	AY-68-27-307	04/02/09	107	5.66	8.23	1.23	8.14	16.5	<0.50	11.7	320
Bexar	AY-68-27-5ME	12/15/09	86.4	9.93	12.9	0.890	16.8	29.3	<0.50	10.7	342
Bexar	AY-68-27-5SM	12/15/09	135	12.4	13.1	1.88	11.5	25.2	<0.50	15.0	384
Bexar	AY-68-27-5VC	12/15/09	81.0	8.78	13.3	1.03	13.5	15.6	<0.50	9.97	312
Bexar	AY-68-27-5VP	12/15/09	71.4	7.05	13.4	0.977	10.3	21.5	<0.50	9.80	258
Bexar	AY-68-27-609	10/20/09	98.6	7.38	10.4	0.640	13.1	15.2	<0.50	11.5	322
Bexar	AY-68-27-6TW	12/15/09	97.1	16.7	13.4	2.21	31.8	56.1	<0.50	8.96	358
Bexar	AY-68-27-8KL	12/15/09	132	34.9	8.07	2.30	53.0	52.6	0.27J	23.0	424
Bexar	AY-68-28-203	08/11/09	*120	*9.6	*8.2	*0.9	*22.7	*11.0	*0.12	*12.9	*361
Bexar	AY-68-28-205	08/11/09	*118	*9.5	*8.2	*0.9	*22.7	*11.1	*0.12	*13.0	*358
Bexar	AY-68-28-210	10/20/09	107	7.57	5.43	0.683	13.7	15.3	<0.50	13.0	340
Bexar	AY-68-28-211	09/24/09	107	9.00	7.11	1.23	18.4	18.1	<0.50	13.0	855
Bexar	AY-68-28-315	12/17/09	120	4.21	3.04	1.68	9.92	8.07	<0.50	14.1	330
Bexar	AY-68-28-513	08/11/09	*117	*9.0	*7.9	*0.9	*21.8	*9.02	*0.09	*12.5	*374
Bexar	AY-68-28-514	08/11/09	123	10.5	9.13	1.13	20.4	15.0	0.013J	13.6	690
Bexar	AY-68-28-517	09/24/09	99.2	5.67	4.63	0.937	14.1	11.6	<0.50	13.1	800
Bexar	AY-68-28-608 Annular	01/27/09	114	8.09	5.65	0.786	14.5	13.0	<0.50	13.7	346
Bexar	AY-68-28-608 Annular	02/25/09	119	7.79	5.75	2.00	15.2	13.5	<0.50	13.7	316
Bexar	AY-68-28-608 Annular	03/13/09	117	8.17	4.63	0.574	13.3	11.5	<0.50	13.4	424
Bexar	AY-68-28-608 Annular	03/17/09	116	8.21	5.40	0.831	13.9	12.3	<0.50	13.4	676
Bexar	AY-68-28-608 Annular	03/19/09	116	8.06	5.52	0.964	13.9	12.2	<0.50	13.1	456
Bexar	AY-68-28-608 Annular	04/21/09	114	8.23	5.38	1.02	13.9	12.5	<0.50	13.8	414
Bexar	AY-68-28-608 Standpipe	01/27/09	114	7.85	5.85	1.73	13.8	12.8	<0.50	13.7	354
Bexar	AY-68-28-608 Standpipe	02/25/09	132	8.50	6.58	1.84	14.6	14.6	<0.50	15.2	336
Bexar	AY-68-28-608 Standpipe	03/13/09	116	7.93	4.59	1.37	13.4	11.6	<0.50	13.3	598
Bexar	AY-68-28-608 Standpipe	03/17/09	113	7.89	5.38	1.49	13.1	11.7	<0.50	13.5	568
Bexar	AY-68-28-608 Standpipe	03/19/09	117	7.76	5.53	0.443	13.1	12.0	<0.50	13.3	422
Bexar	AY-68-28-608 Standpipe	04/21/09	113	7.93	5.65	1.01	13.4	12.0	<0.50	13.7	396
Bexar	AY-68-28-608 Standpipe	05/26/09	107	7.48	5.26	0.999	13.2	13.0	<0.50	13.0	485

Table C-2. (cont.) Analytical data for major ions from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Calcium (mg/L)	Sodium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Silica (µg/L)	Total Dissolved Solids (mg/L)
Bexar	AY-68-28-608 Standpipe	08/13/09	*97.7	*7.5	*13.6	*1.0	*13.5	*20.4	*0.17	*11.7	*329
Bexar	AY-68-28-608 Standpipe	09/16/09	101	8.76	7.69	1.89	20.8	33.4	<0.50	10.1	440
Bexar	AY-68-28-608 Standpipe	10/06/09	94.8	7.03	6.54	1.73	14.8	25.2	0.059J	12.0	NA
Bexar	AY-68-28-608 Standpipe	11/10/09	108	8.51	9.95	1.16	14.5	19.8	<0.50	11.1	470
Bexar	AY-68-28-608 Standpipe	11/23/09	104	8.14	8.51	1.23	16.3	23.5	<0.50	9.98	558
Bexar	AY-68-29-114	08/25/09	115	7.24	11.4	0.824	12.0	10.1	<0.50	14.3	390
Bexar	AY-68-29-213	03/31/09	117	7.68	18.0	0.989	14.7	10.2	<0.50	13.9	390
Bexar	AY-68-29-216	11/05/09	91.3	5.39	8.11	0.913	9.06	11.7	<0.50	11.7	310
Bexar	AY-68-29-415	11/05/09	101	9.57	8.60	0.967	13.3	20.0	0.047J	13.5	290
Comal	DX-68-16-701	08/27/09	104	7.20	42.7	1.63	9.45	115	0.519	11.8	498
Comal	DX-68-22-805	06/23/09	*93.2	*6.5	*12.9	*0.9	*11.2	*10.1	*0.12	*11.7	*304
Comal	DX-68-22-903	06/24/09	*91.7	*6.1	*12.2	*0.9	*9.7	*10.9	*0.13	*11.7	*298
Comal	DX-68-23-203	06/24/09	*93.9	*7.5	*11.8	*0.7	*12.3	*12.0	*0.15	*13.1	*310
Comal	DX-68-23-303	06/24/09	*84.6	*11.1	*17.8	*1.4	*18.4	*29.6	*0.24	*13.2	*324
Comal	DX-68-23-304	03/04/09	84.5	9.75	16.8	1.89	18.6	30.6	0.040J	12.5	392
Comal	DX-68-23-504	08/18/09	*86.8	*10.1	*16.2	*1.2	*15.9	*24.1	*0.2	*12.4	*324
Comal	DX-68-30-221	06/23/09	*107	*11.3	*10.0	*1.5	*13.8	*14.0	*0.15	*14.5	*353
Comal	DX-68-30-225	06/23/09	*106	*10.8	*10.6	*1.5	*15.6	*13.3	*0.15	*13.9	*347
Hays	LR-67-01-2DE	03/18/09	68.7	7.69	20.1	1.44	10.5	29.9	<0.50	9.49	346
Hays	LR-67-01-5BL	12/08/09	82.9	8.08	42.4	2.15	10.1	160	1.12	13.2	494
Hays	LR-67-01-5ST	12/08/09	90.6	5.53	18.7	0.848	8.78	14.2	0.005J	10.9	322
Hays	LR-67-01-704	12/09/09	84.3	5.76	19.0	0.766	8.64	26.0	0.008J	11.6	318
Hays	LR-67-01-7SF	12/09/09	105	4.47	9.02	0.676	4.34	10.4	<0.50	11.8	320
Hays	LR-67-01-7SG	12/09/09	87.9	5.19	22.5	0.759	9.23	20.5	<0.50	12.3	333
Hays	LR-67-01-805	11/19/09	89.8	10.8	16.4	1.31	16.1	24.4	0.046J	11.9	349
Hays	LR-67-01-810	11/19/09	88.8	10.8	16.2	1.35	16.3	24.5	0.035J	11.7	352
Hays	LR-67-01-816	08/19/09	*98.2	*13.0	*17.4	*1.3	*21.9	*29.0	*0.2	*12.2	*357
Hays	LR-67-01-818	12/07/09	101	23.1	20.9	2.35	41.5	56.2	0.11J	12.4	531
Hays	LR-67-01-8AR	11/19/09	90.7	13.0	16.3	1.44	9.42	17.9	0.020J	12.0	353
Hays	LR-67-01-8FO	12/08/09	146	22.1	10.4	5.33	34.3	39.9	0.11J	15.9	502

Table C-2. (cont.) Analytical data for major ions from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Calcium (mg/L)	Sodium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Silica (µg/L)	Total Dissolved Solids (mg/L)
Hays	LR-67-01-8MO	12/07/09	82.4	13.4	19.2	2.12	21.6	34.9	0.058J	11.1	347
Hays	LR-67-01-8PS	11/19/09	93.5	6.46	12.5	0.727	8.41	11.0	<0.50	11.6	314
Hays	LR-67-01-9DK	12/07/09	81.9	12.4	19.1	2.06	20.4	33.9	<0.50	11.0	344
Hays	LR-67-01-9MK	12/07/09	63.2	6.59	13.2	1.13	12.6	23.2	0.014J	8.89	327
Hays	LR-67-09-101 1	01/27/09	110	17.1	14.9	2.78	29.6	39.0	<0.50	12.9	418
Hays	LR-67-09-101 1	02/25/09	137	20.5	18.3	3.93	30.5	42.7	<0.50	15.6	572
Hays	LR-67-09-101 1	04/21/09	109	18.7	15.0	2.33	29.6	35.6	<0.50	12.6	646
Hays	LR-67-09-101 1	05/26/09	103	16.8	14.3	2.13	30.0	38.8	0.35J	12.1	477
Hays	LR-67-09-101 1	07/13/09	108	16.9	14.6	2.29	31.9	41.9	<0.50	12.7	NA
Hays	LR-67-09-101 1	07/14/09	102	15.7	13.6	2.11	31.2	41.9	<0.50	11.8	NA
Hays	LR-67-09-101 1	07/17/09	106	16.8	14.5	2.28	35.3	41.1	<0.50	13.1	NA
Hays	LR-67-09-101 1	07/20/09	95.9	16.3	14.0	2.26	30.9	40.6	<0.50	12.1	NA
Hays	LR-67-09-101 1	07/21/09	98.9	16.5	14.2	2.44	31.1	40.4	<0.50	14.7	NA
Hays	LR-67-09-101 1	07/22/09	107	16.4	14.0	2.20	31.3	40.4	<0.50	12.1	NA
Hays	LR-67-09-101 1	09/16/09	104	17.3	14.7	2.28	28.7	39.4	<0.50	12.6	400
Hays	LR-67-09-101 2	07/15/09	105	16.2	14.1	2.28	31.3	41.7	<0.50	12.7	NA
Hays	LR-67-09-101 2	07/19/09	83.3	16.7	14.4	2.22	30.9	40.0	<0.50	12.4	NA
Hays	LR-67-09-101 2	07/23/09	109	16.2	13.9	2.16	31.5	40.4	<0.50	12.4	NA
Hays	LR-67-09-101 3	07/16/09	106	16.5	14.3	2.29	31.5	42.1	<0.50	13.1	NA
Hays	LR-67-09-101 3	07/18/09	106	16.8	14.5	2.29	30.8	39.9	<0.50	13.2	NA
Hays	LR-67-09-101 3	07/24/09	104	16.4	14.2	2.21	32.1	41.2	<0.50	12.8	NA
Hays	LR-67-09-101 3	07/25/09	108	16.2	14.1	2.13	32.1	39.6	<0.50	12.2	NA
Hays	LR-67-09-101 4	01/27/09	109	17.1	15.0	2.49	29.9	39.4	<0.50	12.9	392
Hays	LR-67-09-101 4	02/25/09	105	15.6	14.0	2.57	30.1	43.0	0.15J	12.0	362
Hays	LR-67-09-101 4	04/21/09	111	18.9	15.4	2.30	30.6	36.5	<0.50	13.1	556
Hays	LR-67-09-101 4	05/26/09	106	17.3	14.6	2.28	30.3	41.4	0.35J	12.5	470
Hays	LR-67-09-101 4	07/26/09	106	16.3	14.2	2.08	32.4	40.1	<0.50	12.3	NA
Hays	LR-67-09-101 4	09/16/09	105	17.4	15.0	2.23	28.9	40.0	<0.50	12.7	410
Hays	LR-67-09-101 4	10/08/09	122	21.8	12.6	2.46	45.7	47.3	0.054J	12.9	NA
Hays	LR-67-09-105	12/09/09	94.6	14.1	17.2	1.54	22.4	37.1	<0.50	12.3	365

Table C-2. (cont.) Analytical data for major ions from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Calcium (mg/L)	Sodium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Silica (µg/L)	Total Dissolved Solids (mg/L)
Hays	LR-67-09-1AA	11/19/09	86.1	7.11	16.3	0.896	9.72	21.2	0.022J	11.8	361
Hays	LR-67-09-106	12/09/09	94.7	12.0	16.7	1.41	18.9	31.5	<0.50	12.3	340
Hays	LR-67-09-1HB	11/17/09	85.7	6.79	15.8	0.958	9.12	17.7	0.005J	11.7	331
Hays	LR-67-09-1SM	11/19/09	92.7	16.3	16.7	1.67	24.5	36.8	0.083J	12.5	394
Hays	LR-68-08-902	12/09/09	94.2	12.2	10.4	1.14	20.5	6.38	<0.50	11.7	333
Hays	LR-68-16-302	11/19/09	88.9	6.09	15.0	0.852	7.55	19.8	0.017J	12.2	317
Hays	LR-68-16-603	08/19/09	*90.4	*12.5	*17.9	*1.3	*20.9	*28.6	*0.22	*12.6	*339
Kinney	RP-70-45-505	07/30/09	*86.3	*5.6	*6.6	*0.8	*8.23	*29.0	*0.49	*11.5	*273
Kinney	RP-70-45-601	07/30/09	*81.3	*6.0	*6.0	*0.8	*8.52	*13.8	*0.29	*11.8	*254
Medina	TD-68-33-502	06/10/09	*69.8	*7.0	*16.9	*1.3	*11.0	*42.9	*0.21	*12.7	*279
Medina	TD-68-41-102	06/16/09	*69.1	*9.4	*15.9	*1.1	*19.1	*16.7	*0.2	*13.0	*274
Medina	TD-68-41-303	07/15/09	*72.9	*10.9	*16.1	*1.1	*19.6	*16.0	*0.18	*12.4	*279
Medina	TD-68-41-901	06/16/09	*65.1	*9.9	*16.9	*1.1	*23.1	*15.2	*0.24	*12.7	*272
Medina	TD-68-42-113	07/28/09	*70.8	*10.6	*15.7	*1.1	*20.0	*16.1	*0.18	*11.9	*276
Medina	TD-68-42-506	07/14/09	*71.8	*10.6	*16.6	*1.0	*22.9	*14.1	*0.2	*12.3	*279
Medina	TD-68-42-806	06/30/09	*66.8	*9.9	*17.0	*1.0	*21.7	*18.2	*1.59	*13.7	*274
Medina	TD-68-49-301	06/30/09	*56.8	*9.0	*20.6	*0.9	*37.5	*25.3	*0.69	*13.9	*279
Medina	TD-68-49-501	07/14/09	*72.7	*11.8	*16.9	*1.1	*24.3	*18.2	*0.25	*12.3	*288
Medina	TD-69-38-906	07/29/09	*84.0	*10.3	*13.6	*1.3	*11.2	*11.3	*0.18	*13.0	*304
Medina	TD-69-39-601	07/29/09	*80.0	*6.6	*10.3	*0.8	*10.1	*9.96	*0.13	*12.0	*266
Medina	TD-69-47-215	07/28/09	*68.8	*7.7	*15.7	*1.0	*11.8	*16.5	*0.19	*12.2	*264
Medina	TD-69-47-303	07/15/09	*69.3	*7.7	*17.3	*1.0	*12.9	*16.4	*0.21	*12.5	*264
Medina	TD-69-47-305	07/28/09	*72.0	*8.2	*15.5	*1.1	*11.6	*15.9	*0.2	*12.4	*267
Medina	TD-69-55-604	06/10/09	*71.8	*11.8	*15.0	*1.1	*26.8	*16.7	*0.18	*12.7	*291
Medina	TD-69-63-103	07/29/09	*58.8	*15.5	*22.4	*1.4	*17.4	*71.2	*1.78	*19.7	*347
Uvalde	YP-69-33-701	08/12/09	*57.9	*7.2	*13.1	*0.7	*10.9	*11.0	*0.13	*11.7	*222
Uvalde	YP-69-35-401	08/12/09	*76.1	*6.8	*17.7	*0.6	*10.9	*7.98	*0.1	*11.9	*284
Uvalde	YP-69-43-606	06/09/09	*76.6	*11.2	*10.2	*1.0	*21.5	*12.8	*0.13	*13.1	*280
Uvalde	YP-69-45-405	06/17/09	*72.7	*8.1	*14.3	*1.1	*12.2	*18.7	*0.2	*13.3	*271
Uvalde	YP-69-50-207	06/17/09	*82.3	*13.2	*10.1	*1.0	*25.2	*15.6	*0.12	*13.4	*298
Uvalde	YP-69-51-114	06/09/09	*122	*38.4	*14.1	*1.3	*82.8	*49.2	*0.58	*16.9	*512

* = Sample collected by the Authority and analyzed by the TWDB.
NA = Not Analyzed

Table C-3. Analytical data for metals from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Boron (µg/L)	Bromide (mg/L)	Cadmium (µg/L)	Chromium (µg/L)
Bexar	AY-68-27-307	04/02/09	1.61	0.56J	0.33J	40.4	<0.84	NA	0.068	<0.65	1.26
Bexar	AY-68-27-5ME	12/15/09	<1.00	0.42J	0.68J	35.2	<1.00	NA	<0.100	<1.00	<1.00
Bexar	AY-68-27-5SM	12/15/09	2.74	<1.00	0.74J	59.2	<1.00	NA	<0.100	<1.00	<1.00
Bexar	AY-68-27-5VC	12/15/09	1.60J	<1.00	<1.00	28.1	<1.00	NA	<0.100	<1.00	<1.00
Bexar	AY-68-27-5VP	12/15/09	3.21	<1.00	<1.00	24.6	<1.00	NA	<0.100	<1.00	<1.00
Bexar	AY-68-27-609	10/20/09	5.76	1.8J	<5.00	34.1	<5.00	NA	0.128	<5.00	<5.00
Bexar	AY-68-27-6TW	12/15/09	0.59J	0.37J	2.47	32.9	<1.00	NA	<0.100	<1.00	<1.00
Bexar	AY-68-27-8KL	12/15/09	<1.00	0.64J	<1.00	44.8	<1.00	NA	<0.100	<1.00	<1.00
Bexar	AY-68-28-203	08/11/09	*<4.1	*<1.0	*<2.0	*40.7	NA	*<51	*<0.02	*<1.0	*5.1
Bexar	AY-68-28-205	08/11/09	*5.1	*<1.0	*<2.0	*40.7	NA	*<51	*<0.02	*<1.0	*4.3
Bexar	AY-68-28-210	10/20/09	6.14	<5.00	<5.00	45.6	<5.00	NA	0.153	<5.00	<5.00
Bexar	AY-68-28-211	09/24/09	3.96	<1.00	0.63J	40.2	<1.00	NA	0.123	<1.00	0.87J
Bexar	AY-68-28-315	12/17/09	2.57	<1.00	<1.00	36.7	<1.00	NA	<0.100	<1.00	0.80J
Bexar	AY-68-28-513	08/11/09	*<4.1	*<1.0	*<2.0	*39.1	NA	*<51	*<0.02	*<1.0	*4.0
Bexar	AY-68-28-514	08/11/09	6.10	<1.00	0.52J	40.5	<1.00	NA	<0.100	<1.00	0.84J
Bexar	AY-68-28-517	09/24/09	14.2	<1.00	0.38J	34.5	<1.00	NA	0.191	<1.00	1.22
Bexar	AY-68-28-608 Annular	01/27/09	<0.22	0.33J	0.38J	46.4	<0.84	NA	<0.002	<0.65	2.90
Bexar	AY-68-28-608 Annular	02/25/09	<0.22	<0.84	0.35J	43.4	<0.84	NA	0.106	<0.65	0.53
Bexar	AY-68-28-608 Annular	03/13/09	16.1	<0.84	0.42J	49.8	<0.84	NA	0.076	<0.65	1.0J
Bexar	AY-68-28-608 Annular	03/17/09	<0.22	0.61J	0.32J	48.1	<0.84	NA	0.086	<0.65	<1.17
Bexar	AY-68-28-608 Annular	03/19/09	<0.22	<0.84	0.30J	52.0	<0.84	NA	0.051	<0.65	<1.17
Bexar	AY-68-28-608 Annular	04/21/09	<0.22	<0.84	<0.73	42.1	<0.84	NA	0.009	<0.65	0.49J
Bexar	AY-68-28-608 Standpipe	01/27/09	2.46	<0.84	0.40J	45.7	<0.84	NA	0.0740	<0.65	2.21
Bexar	AY-68-28-608 Standpipe	02/25/09	<0.22	<0.84	0.32J	42.0	<0.84	NA	0.095	<0.65	0.64
Bexar	AY-68-28-608 Standpipe	03/13/09	4.31	<0.84	0.32J	51.2	<0.84	NA	0.084	<0.65	<1.17

Table C-3. (cont.) Analytical data for metals from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Boron (µg/L)	Bromide (mg/L)	Cadmium (µg/L)	Chromium (µg/L)
Bexar	AY-68-28-608 Standpipe	03/17/09	<0.22	0.48J	0.44J	46.3	<0.84	NA	0.038	<0.65	0.40J
Bexar	AY-68-28-608 Standpipe	03/19/09	<0.22	<0.84	0.29J	50.8	<0.84	NA	0.046	<0.65	0.42J
Bexar	AY-68-28-608 Standpipe	04/21/09	<0.22	<0.84	0.29J	41.7	<0.84	NA	0.007	<0.65	0.58J
Bexar	AY-68-28-608 Standpipe	05/26/09	<0.22	<0.84	0.32J	37.3	<0.84	NA	<0.002	<0.65	0.48J
Bexar	AY-68-28-608 Standpipe	08/13/09	*<4.1	*<1.0	*<2.0	*34.9	NA	*<51	*0.08	*<1.0	*3.8
Bexar	AY-68-28-608 Standpipe	09/16/09	1.82	<1.00	<1.00	37.6	<1.00	NA	0.101	<1.00	0.85J
Bexar	AY-68-28-608 Standpipe	10/06/09	159	<5.00	<5.00	34.7	<5.00	NA	0.237	<5.00	<5.00
Bexar	AY-68-28-608 Standpipe	11/10/09	0.54J	2.0J	<5.00	34.9	<5.00	NA	0.502	<5.00	<5.00
Bexar	AY-68-28-608 Standpipe	11/23/09	3.07	0.41J	<1.00	35.0	<1.00	NA	0.031J	<1.00	<1.00
Bexar	AY-68-29-114	08/25/09	1.69	0.76J	0.37J	38.0	<1.00	NA	0.083J	<1.00	1.0J
Bexar	AY-68-29-213	03/31/09	1.14	<0.84	0.38J	45.6	<0.84	NA	0.051	<0.65	0.53J
Bexar	AY-68-29-216	11/05/09	<1.00	<1.00	<1.00	30.5	<1.00	NA	0.096J	<1.00	<1.00
Bexar	AY-68-29-415	11/05/09	1.84	<1.00	<1.00	45.6	<1.00	NA	0.108	<1.00	<1.00
Comal	DX-68-16-701	08/27/09	4.9J	1.8J	<5.00	30.4	<5.00	NA	0.076J	<5.00	<5.00
Comal	DX-68-22-805	06/23/09	*<4.1	*<1.0	*<2.0	*28.8	NA	*<51	*0.03	*<1.0	*<1.0
Comal	DX-68-22-903	06/24/09	*<4.1	*<1.0	*<2.0	*28.6	NA	*<51	*0.06	*<1.0	*<1.0
Comal	DX-68-23-203	06/24/09	*<4.1	*<1.0	*<2.0	*37.1	*<1.0	*<51	*0.08	*<1.0	*<1.0
Comal	DX-68-23-303	06/24/09	*<4.1	*<1.0	*<2.0	*52.5	NA	*52.0	*0.1	*<1.0	*<1.0
Comal	DX-68-23-304	03/04/09	0.349	<0.84	0.41J	60.5	<0.84	NA	0.172	<0.65	0.56J
Comal	DX-68-23-504	08/18/09	*<4.1	*<1.0	*<2.0	*44.2	NA	*<51	*<0.02	*<1.0	*3.6
Comal	DX-68-30-221	06/23/09	*<4.1	*<1.0	*<2.0	*40.5	NA	*66.0	*0.12	*<1.0	*<1.0
Comal	DX-68-30-225	06/23/09	*<4.1	*<1.0	*<2.0	*36.9	NA	*<51	*0.1	*<1.0	*<1.0
Hays	LR-67-01-2DE	03/18/09	1.83	<0.84	0.38J	34.6	<0.84	NA	0.048	<0.65	<1.17
Hays	LR-67-01-5BL	12/08/09	1.83	<1.00	<1.00	14.8	<1.00	NA	<0.100	<1.00	<1.00
Hays	LR-67-01-5ST	12/08/09	0.40J	<1.00	<1.00	33.8	<1.00	NA	<0.100	<1.00	<1.00
Hays	LR-67-01-704	12/09/09	5.20	<1.00	<1.00	33.8	<1.00	NA	<0.100	<1.00	<1.00

Table C-3. (cont.) Analytical data for metals from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Boron (µg/L)	Bromide (mg/L)	Cadmium (µg/L)	Chromium (µg/L)
Hays	LR-67-01-7SF	12/09/09	1.48	<1.00	<1.00	32.9	<1.00	NA	<0.100	<1.00	<1.00
Hays	LR-67-01-7SG	12/09/09	1.30	<1.00	<1.00	30.0	<1.00	NA	<0.100	<1.00	<1.00
Hays	LR-67-01-805	11/19/09	0.71J	<1.00	<1.00	38.4	<1.00	NA	0.084J	<1.00	0.44J
Hays	LR-67-01-810	11/19/09	0.91J	<1.00	<1.00	39.1	<1.00	NA	0.096J	<1.00	<1.00
Hays	LR-67-01-816	08/19/09	*<4.1	*<1.0	*<2.0	*40.1	NA	*<51	*0.12	*<1.0	*3.9
Hays	LR-67-01-818	12/07/09	<1.00	<1.00	<1.00	49.5	<1.00	NA	<0.100	<1.00	<1.00
Hays	LR-67-01-8AR	11/19/09	1.10	<1.00	0.29J	38.9	<1.00	NA	0.015J	<1.00	1.04
Hays	LR-67-01-8FO	12/08/09	0.29J	<1.00	0.30J	67.2	<1.00	NA	<0.100	0.23J	<1.00
Hays	LR-67-01-8MO	12/07/09	1.34	1.42	<1.00	34.2	<1.00	NA	0.195	<1.00	<1.00
Hays	LR-67-01-8PS	11/19/09	1.78	<1.00	<1.00	35.5	<1.00	NA	0.014J	<1.00	<1.00
Hays	LR-67-01-9DK	12/07/09	0.33J	0.53J	<1.00	34.5	<1.00	NA	0.057J	<1.00	<1.00
Hays	LR-67-01-9MK	12/07/09	0.92J	<1.00	<1.00	19.0	<1.00	NA	0.109	<1.00	<1.00
Hays	LR-67-09-101 1	01/27/09	<0.22	0.81J	0.48J	48.3	<0.84	NA	0.0600	<0.65	2.39
Hays	LR-67-09-101 1	02/25/09	0.229	0.47J	0.38J	42.1	<0.84	NA	0.102	<0.65	<1.17
Hays	LR-67-09-101 1	04/21/09	<0.22	0.38J	0.45J	41.7	<0.84	NA	0.015	<0.65	<1.17
Hays	LR-67-09-101 1	05/26/09	<0.22	<0.84	0.33J	37.5	<0.84	NA	<0.002	<0.65	0.52J
Hays	LR-67-09-101 1	07/13/09	41.4	0.56J	0.59J	42.0	<0.84	NA	<0.002	<0.65	<1.17
Hays	LR-67-09-101 1	07/14/09	30.6	<0.84	0.45J	42.2	<0.84	NA	<0.002	<0.65	0.90J
Hays	LR-67-09-101 1	07/17/09	27.8	<1.00	0.24J	41.1	<1.00	NA	0.176	<1.00	2.03
Hays	LR-67-09-101 1	07/20/09	5.50	<1.00	<1.00	39.1	<1.00	NA	<0.002	<1.00	1.67
Hays	LR-67-09-101 1	07/21/09	48.0	<1.00	<1.00	39.5	<1.00	NA	0.068	<1.00	0.93
Hays	LR-67-09-101 1	07/22/09	8.01	0.50J	0.32J	41.0	<1.00	NA	0.167	<1.00	<1.00
Hays	LR-67-09-101 1	09/16/09	0.73J	0.34J	<1.00	41.9	<1.00	NA	0.155	<1.00	0.81J
Hays	LR-67-09-101 2	07/15/09	88.8	<0.84	0.50J	42.0	<0.84	NA	<0.002	<0.65	1.67
Hays	LR-67-09-101 2	07/19/09	4.94	<1.00	<1.00	39.1	<1.00	NA	0.072	<1.00	1.59
Hays	LR-67-09-101 2	07/23/09	47.8	<1.00	0.27J	42.0	<1.00	NA	<0.002	<1.00	0.45J

Table C-3. (cont.) Analytical data for metals from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Boron (µg/L)	Bromide (mg/L)	Cadmium (µg/L)	Chromium (µg/L)
Hays	LR-67-09-101 3	07/16/09	150	<0.84	0.78	42.3	<0.84	NA	<0.002	<0.65	2.24
Hays	LR-67-09-101 3	07/18/09	36.3	<1.00	0.36J	40.3	<1.00	NA	0.059	<1.00	0.78J
Hays	LR-67-09-101 3	07/24/09	30.9	<1.00	<1.00	41.5	<1.00	NA	0.162	<1.00	<1.00
Hays	LR-67-09-101 3	07/25/09	23.1	<1.00	<1.00	40.5	<1.00	NA	0.185	<1.00	<1.00
Hays	LR-67-09-101 4	01/27/09	<0.22	<0.84	0.43J	41.0	<0.84	NA	<0.002	<0.65	2.82
Hays	LR-67-09-101 4	02/25/09	<0.22	0.56J	0.45J	42.2	<0.84	NA	0.090	<0.65	<1.17
Hays	LR-67-09-101 4	04/21/09	0.777	<0.84	0.49J	41.9	<0.84	NA	0.018	<0.65	0.62J
Hays	LR-67-09-101 4	05/26/09	<0.22	<0.84	0.27J	38.3	<0.84	NA	<0.002	<0.65	0.65J
Hays	LR-67-09-101 4	07/26/09	25.0	<1.00	<1.00	40.0	<1.00	NA	0.151	<1.00	<1.00
Hays	LR-67-09-101 4	09/16/09	2.91	0.56J	<1.00	40.8	<1.00	NA	0.165	<1.00	0.61J
Hays	LR-67-09-101 4	10/08/09	9.82	<5.00	<5.00	42.4	<5.00	NA	0.269	<5.00	<5.00
Hays	LR-67-09-105	12/09/09	1.67	<1.00	<1.00	42.5	<1.00	NA	<0.100	<1.00	<1.00
Hays	LR-67-09-1AA	11/19/09	0.81J	<1.00	<1.00	37.3	<1.00	NA	0.050J	<1.00	0.45J
Hays	LR-67-09-106	12/09/09	0.32J	<1.00	<1.00	42.4	<1.00	NA	<0.100	<1.00	<1.00
Hays	LR-67-09-1HB	11/17/09	0.51J	0.46J	0.29J	36.2	<1.00	NA	0.038J	<1.00	<1.00
Hays	LR-67-09-1SM	11/19/09	0.73J	<1.00	0.31J	42.0	<1.00	NA	2.70	<1.00	<1.00
Hays	LR-68-08-902	12/09/09	0.87J	<1.00	<1.00	32.0	<1.00	NA	<0.100	<1.00	<1.00
Hays	LR-68-16-603	08/19/09	*<4.1	*<1.0	*<2.0	*42.7	NA	*<51	*0.12	*<1.0	*3.2
Kinney	RP-70-45-505	07/30/09	*<4.1	*<1.0	*<2.0	*46.4	*<1.0	*<51	*0.06	*<1.0	*1.6
Kinney	RP-70-45-601	07/30/09	*<4.1	*<1.0	*<2.0	*55.5	*<1.0	*<51	*0.06	*<1.0	*1.9
Medina	TD-68-33-502	06/10/09	*<4.1	*<1.0	*<2.0	*31.7	NA	*<51	*0.07	*<1.0	*<1.0
Medina	TD-68-41-102	06/16/09	*<4.1	*<1.0	*<2.0	*48.3	NA	*<51	*0.07	*<1.0	*1.0
Medina	TD-68-41-303	07/15/09	*<4.1	*<1.0	*<2.0	*48.8	NA	*67.0	*0.09	*<1.0	*<1.0
Medina	TD-68-41-901	06/16/09	*<4.1	*<1.0	*<2.0	*86.9	NA	*<51	*0.08	*<1.0	*<1.0
Medina	TD-68-42-113	07/28/09	*<4.1	*<1.0	*<2.0	*51.9	*<1.0	*<51	*0.09	*<1.0	*<1.0
Medina	TD-68-42-506	07/14/09	*<4.1	*<1.0	*<2.0	*71.0	*<1.0	*60.0	*0.09	*<1.0	*<1.0

Table C-3. (cont.) Analytical data for metals from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Boron (µg/L)	Bromide (mg/L)	Cadmium (µg/L)	Chromium (µg/L)
Medina	TD-68-42-806	06/30/09	*<4.1	*<1.0	*<2.0	*86.6	*<1.0	*<51	*0.09	*<1.0	*<1.0
Medina	TD-68-49-301	06/30/09	*<4.1	*<1.0	*<2.0	*166	*<1.0	*62.0	*0.0697	*<1.0	*1.22
Medina	TD-68-49-501	07/14/09	*<4.1	*<1.0	*<2.0	*124	*<1.0	*63.0	*0.11	*<1.0	*<1.0
Medina	TD-69-38-906	07/29/09	*<4.1	*<1.0	*<2.0	*44.8	*<1.0	*55.0	*0.08	*<1.0	*<1.0
Medina	TD-69-39-601	07/29/09	*<4.1	*<1.0	*<2.0	*30.1	*<1.0	*<51	*0.06	*<1.0	*<1.0
Medina	TD-69-47-215	07/28/09	*<4.1	*<1.0	*<2.0	*39.6	*<1.0	*<51	*0.06	*<1.0	*<1.0
Medina	TD-69-47-303	07/15/09	*<4.1	*<1.0	*<2.0	*45.7	*<1.0	*<51	*0.07	*<1.0	*<1.0
Medina	TD-69-47-305	07/28/09	*<4.1	*<1.0	*<2.0	*39.4	*<1.0	*<51	*0.06	*<1.0	*1.1
Medina	TD-69-55-604	06/10/09	*<4.1	*<1.0	*<2.0	*55.7	*<1.0	*<51	*0.1	*<1.0	*<1.0
Medina	TD-69-63-103	07/29/09	*<4.1	*<1.0	*<2.0	*100	*<1.0	*67.0	*0.1	*<1.0	*<1.0
Uvalde	YP-69-33-701	08/12/09	*<4.1	*<1.0	*<2.0	*38.4	*<1.0	*<51	*0.07	*<1.0	*2.5
Uvalde	YP-69-35-401	08/12/09	*<4.1	*<1.0	*<2.0	*45.8	*<1.0	*<51	*0.07	*<1.0	*3.1
Uvalde	YP-69-43-606	06/09/09	*<4.1	*<1.0	*<2.0	*49.5	*<1.0	*<51	*0.08	*<1.0	*1.1
Uvalde	YP-69-45-405	06/17/09	*<4.1	*<1.0	*<2.0	*36.5	*<1.0	*<51	*0.06	*<1.0	*<1.0
Uvalde	YP-69-50-207	06/17/09	*<4.1	*<1.0	*<2.0	*49.4	*<1.0	*<51	*0.09	*<1.0	*<1.0
Uvalde	YP-69-51-114	06/09/09	*<4.1	*<1.0	*<2.0	*105	*<1.0	*94.0	*0.24	*<1.0	*1.4

Table C-3. (cont.) Analytical data for metals from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Cobalt (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)	Lithium (µg/L)	Manganese (µg/L)	Mercury (µg/L)	Molybdenum (µg/L)	Nickel (µg/L)
Bexar	AY-68-27-307	04/02/09	NA	<0.90	10.6	<0.84	NA	2.31	1.21	NA	1.64
Bexar	AY-68-27-5ME	12/15/09	NA	<1.00	<1.00	<1.00	NA	0.93J	<0.50	NA	3.19
Bexar	AY-68-27-5SM	12/15/09	NA	2.54	1.92	<1.00	NA	0.37J	<0.50	NA	5.23
Bexar	AY-68-27-5VC	12/15/09	NA	<1.00	3.22	<1.00	NA	0.082J	<0.50	NA	2.81
Bexar	AY-68-27-5VP	12/15/09	NA	1.67	<1.00	0.77J	NA	0.43J	<0.50	NA	7.36
Bexar	AY-68-27-609	10/20/09	NA	<5.00	<5.00	<5.00	NA	0.79J	<2.50	NA	1.5J
Bexar	AY-68-27-6TW	12/15/09	NA	17.1	7.85	<1.00	NA	2.54	<0.50	NA	6.62
Bexar	AY-68-27-8KL	12/15/09	NA	1.09	62.6	<1.00	NA	29.9	<0.50	NA	6.12
Bexar	AY-68-28-203	08/11/09	*<1.0	*4.9	*<51	*<1.0	*2.4	*<1.0	*<0.2	*<1.0	NA
Bexar	AY-68-28-205	08/11/09	*<1.0	*1.6	*<51	*<1.0	*2.5	*<1.0	*<0.2	*<1.0	NA
Bexar	AY-68-28-210	10/20/09	NA	<5.00	<5.00	<5.00	NA	<5.00	<2.50	NA	1.4J
Bexar	AY-68-28-211	09/24/09	NA	0.40J	6.28	<1.00	NA	0.21J	<0.50	NA	1.36
Bexar	AY-68-28-315	12/17/09	NA	0.35J	13.1	<1.00	NA	0.18J	<0.50	NA	0.65J
Bexar	AY-68-28-513	08/11/09	*<1.0	*1.4	*<51	*<1.0	*2.4	*<1.0	*<0.2	*<1.0	NA
Bexar	AY-68-28-514	08/11/09	NA	1.33	2.55	<1.00	NA	<1.00	<0.50	NA	<1.00
Bexar	AY-68-28-517	09/24/09	NA	0.61J	7.94	<1.00	NA	0.91J	<0.50	NA	1.30
Bexar	AY-68-28-608 Annular	01/27/09	NA	<0.90	16.8	0.75J	NA	0.202	<1.14	NA	0.45J
Bexar	AY-68-28-608 Annular	02/25/09	NA	<0.90	18.3	0.45J	NA	0.278	<1.14	NA	0.45J
Bexar	AY-68-28-608 Annular	03/13/09	NA	0.52J	56.8	0.34J	NA	1.06	<1.14	NA	0.37J
Bexar	AY-68-28-608 Annular	03/17/09	NA	<0.90	4.20	<0.84	NA	0.049J	<1.14	NA	<0.62
Bexar	AY-68-28-608 Annular	03/19/09	NA	<0.90	12.0	<0.84	NA	0.252	<1.14	NA	<0.62
Bexar	AY-68-28-608 Annular	04/21/09	NA	<0.90	13.6	<0.84	NA	0.468	<1.14	NA	0.45J
Bexar	AY-68-28-608 Standpipe	01/27/09	NA	<0.90	66.9	<0.84	NA	0.979	<1.14	NA	0.52J
Bexar	AY-68-28-608 Standpipe	02/25/09	NA	<0.90	59.0	0.61J	NA	0.501	<1.14	NA	0.41J
Bexar	AY-68-28-608 Standpipe	03/13/09	NA	<0.90	65.7	<0.84	NA	0.340	<1.14	NA	<0.62

Table C-3. (cont.) Analytical data for metals from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Cobalt (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)	Lithium (µg/L)	Manganese (µg/L)	Mercury (µg/L)	Molybdenum (µg/L)	Nickel (µg/L)
Bexar	AY-68-28-608 Standpipe	03/17/09	NA	<0.90	40.4	<0.84	NA	0.546	<1.14	NA	0.23J
Bexar	AY-68-28-608 Standpipe	03/19/09	NA	<0.90	28.3	<0.84	NA	0.219	<1.14	NA	<0.62
Bexar	AY-68-28-608 Standpipe	04/21/09	NA	<0.90	26.6	<0.84	NA	0.377	<1.14	NA	0.40J
Bexar	AY-68-28-608 Standpipe	05/26/09	NA	<0.90	9.45	<0.84	NA	0.388	<1.14	NA	<0.62
Bexar	AY-68-28-608 Standpipe	08/13/09	*<1.0	*<1.0	*61.0	*<1.0	*2.5	*3.2	*<0.2	*<1.0	NA
Bexar	AY-68-28-608 Standpipe	09/16/09	NA	1.68	23.8	1.09	NA	4.56	<0.50	NA	2.04
Bexar	AY-68-28-608 Standpipe	10/06/09	NA	2.3J	134	2.9J	NA	51.0	<2.50	NA	3.8J
Bexar	AY-68-28-608 Standpipe	11/10/09	NA	<5.00	<5.00	<5.00	NA	<5.00	<2.50	NA	<5.00
Bexar	AY-68-28-608 Standpipe	11/23/09	NA	0.55J	17.7	<1.00	NA	1.98	<0.50	NA	1.33
Bexar	AY-68-29-114	08/25/09	NA	<1.00	3.46	<1.00	NA	<1.00	<0.50	NA	<1.00
Bexar	AY-68-29-213	03/31/09	NA	<0.90	4.57	<0.84	NA	0.079J	<1.14	NA	<0.62
Bexar	AY-68-29-216	11/05/09	NA	0.45J	0.70J	<1.00	NA	<1.00	<0.50	NA	0.23J
Bexar	AY-68-29-415	11/05/09	NA	1.15	1.69	<1.00	NA	<1.00	<0.50	NA	1.83
Comal	DX-68-16-701	08/27/09	NA	<5.00	46.1	<5.00	NA	0.29J	<2.50	NA	<5.00
Comal	DX-68-22-805	06/23/09	*<1.0	*5.6	*<51	*<1.0	NA	*<1.0	*<0.2	*<1.0	NA
Comal	DX-68-22-903	06/24/09	*<1.0	*2.0	*<51	*<1.0	*2.4	*<1.0	*<0.2	*<1.0	NA
Comal	DX-68-23-203	06/24/09	*<1.0	*2.8	*<51	*<1.0	*2.3	*<1.0	*<0.2	*<1.0	NA
Comal	DX-68-23-303	06/24/09	*<1.0	*1.1	*<51	*<1.0	*6.7	*<1.0	*<0.2	*<1.0	NA
Comal	DX-68-23-304	03/04/09	NA	<0.90	9.84	0.66J	NA	1.74	<1.14	NA	4.08
Comal	DX-68-23-504	08/18/09	*<1.0	*2.6	*<51	*<1.0	*5.5	*<1.0	*<0.2	*<1.0	NA
Comal	DX-68-30-221	06/23/09	*<1.0	*1.9	*<51	*<1.0	*4.4	*<1.0	*<0.2	*<1.0	NA
Comal	DX-68-30-225	06/23/09	*<1.0	*1.5	*<51	*<1.0	*3.7	*<1.0	*<0.2	*<1.0	NA
Hays	LR-67-01-2DE	03/18/09	NA	0.46J	0.34J	<0.84	NA	<0.14	<1.14	NA	<0.62
Hays	LR-67-01-5BL	12/08/09	NA	0.82J	39.3	0.46J	NA	1.05	<0.50	NA	<1.00
Hays	LR-67-01-5ST	12/08/09	NA	0.57J	0.40J	<1.00	NA	<1.00	<0.50	NA	<1.00
Hays	LR-67-01-704	12/09/09	NA	2.11	3.83	<1.00	NA	2.69	<0.50	NA	<1.00

Table C-3. (cont.) Analytical data for metals from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Cobalt (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)	Lithium (µg/L)	Manganese (µg/L)	Mercury (µg/L)	Molybdenum (µg/L)	Nickel (µg/L)
Hays	LR-67-01-7SF	12/09/09	NA	4.06	1.11	0.40J	NA	0.42J	<0.50	NA	<1.00
Hays	LR-67-01-7SG	12/09/09	NA	1.61	1.91	<1.00	NA	0.44J	<0.50	NA	6.26
Hays	LR-67-01-805	11/19/09	NA	2.38	0.73J	0.60J	NA	0.18J	<0.50	NA	<1.00
Hays	LR-67-01-810	11/19/09	NA	1.62	<1.00	1.39	NA	0.061J	<0.50	NA	0.22J
Hays	LR-67-01-816	08/19/09	*<1.0	*1.9	*<51	*<1.0	*10.1	*<1.0	*<0.2	*<1.0	NA
Hays	LR-67-01-818	12/07/09	NA	8.46	0.33J	0.32J	NA	0.19J	<0.50	NA	<1.00
Hays	LR-67-01-8AR	11/19/09	NA	0.52J	0.98J	<1.00	NA	0.66J	<0.50	NA	0.24J
Hays	LR-67-01-8FO	12/08/09	NA	5.86	4.78	0.43J	NA	0.16J	<0.50	NA	<1.00
Hays	LR-67-01-8MO	12/07/09	NA	6.62	10.6	1.02	NA	<1.00	0.43J	NA	<1.00
Hays	LR-67-01-8PS	11/19/09	NA	1.54	0.56J	<1.00	NA	0.40J	<0.50	NA	<1.00
Hays	LR-67-01-9DK	12/07/09	NA	1.13	10.1	<1.00	NA	<1.00	<0.50	NA	<1.00
Hays	LR-67-01-9MK	12/07/09	NA	6.12	1.66	0.37J	NA	0.099J	<0.50	NA	<1.00
Hays	LR-67-09-101 1	01/27/09	NA	<0.90	9.42	0.37J	NA	6.27	<1.14	NA	0.620
Hays	LR-67-09-101 1	02/25/09	NA	<0.90	11.7	0.46J	NA	0.832	<1.14	NA	0.844
Hays	LR-67-09-101 1	04/21/09	NA	<0.90	3.72	<0.84	NA	0.182	<1.14	NA	0.48J
Hays	LR-67-09-101 1	05/26/09	NA	<0.90	<0.74	<0.84	NA	<0.14	<1.14	NA	<0.62
Hays	LR-67-09-101 1	07/13/09	NA	0.64J	185	1.53	NA	2.20	<1.14	NA	<0.62
Hays	LR-67-09-101 1	07/14/09	NA	<0.90	42.8	0.83J	NA	0.89	<1.14	NA	0.62
Hays	LR-67-09-101 1	07/17/09	NA	<1.00	49.7	<1.00	NA	<1.00	<0.50	NA	1.26
Hays	LR-67-09-101 1	07/20/09	NA	<1.00	33.2	<1.00	NA	0.50J	<0.50	NA	2.13
Hays	LR-67-09-101 1	07/21/09	NA	<1.00	73.9	<1.00	NA	0.23J	<0.50	NA	2.07
Hays	LR-67-09-101 1	07/22/09	NA	<1.00	10.7	<1.00	NA	0.61J	<0.50	NA	1.12
Hays	LR-67-09-101 1	09/16/09	NA	0.43J	0.47J	<1.00	NA	0.39J	<0.50	NA	1.32
Hays	LR-67-09-101 2	07/15/09	NA	0.62J	397	3.01	NA	6.41	<1.14	NA	1.23
Hays	LR-67-09-101 2	07/19/09	NA	<1.00	3.89	<1.00	NA	<1.00	<0.50	NA	1.40
Hays	LR-67-09-101 2	07/23/09	NA	<1.00	54.4	<1.00	NA	0.73J	<0.50	NA	1.08

Table C-3. (cont.) Analytical data for metals from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Cobalt (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)	Lithium (µg/L)	Manganese (µg/L)	Mercury (µg/L)	Molybdenum (µg/L)	Nickel (µg/L)
Hays	LR-67-09-101 3	07/16/09	NA	1.14	728	5.57	NA	11.4	<1.14	NA	1.47
Hays	LR-67-09-101 3	07/18/09	NA	<1.00	55.2	<1.00	NA	0.090J	<0.50	NA	1.29
Hays	LR-67-09-101 3	07/24/09	NA	<1.00	34.5	<1.00	NA	1.81	<0.50	NA	0.50J
Hays	LR-67-09-101 3	07/25/09	NA	<1.00	25.5	<1.00	NA	0.58	<0.50	NA	0.43J
Hays	LR-67-09-101 4	01/27/09	NA	<0.90	5.89	<0.84	NA	0.301	<1.14	NA	0.42J
Hays	LR-67-09-101 4	02/25/09	NA	<0.90	4.41	0.28J	NA	0.13	0.67J	NA	0.50J
Hays	LR-67-09-101 4	04/21/09	NA	<0.90	5.05	<0.84	NA	0.10J	<1.14	NA	0.52J
Hays	LR-67-09-101 4	05/26/09	NA	<0.90	<0.74	<0.84	NA	0.13J	<1.14	NA	<0.62
Hays	LR-67-09-101 4	07/26/09	NA	<1.00	22.5	<1.00	NA	0.21J	<0.50	NA	0.68J
Hays	LR-67-09-101 4	09/16/09	NA	0.44J	<1.00	<1.00	NA	0.26J	<0.50	NA	0.78J
Hays	LR-67-09-101 4	10/08/09	NA	1.6J	20.3	<5.00	NA	1.2J	<2.50	NA	<5.00
Hays	LR-67-09-105	12/09/09	NA	0.65J	<1.00	0.47J	NA	<1.00	<0.50	NA	<1.00
Hays	LR-67-09-1AA	11/19/09	NA	2.40	<1.00	0.50J	NA	0.30J	<0.50	NA	<1.00
Hays	LR-67-09-106	12/09/09	NA	2.47	0.68J	<1.00	NA	0.077J	<0.50	NA	<1.00
Hays	LR-67-09-1HB	11/17/09	NA	2.87	0.75J	0.33J	NA	0.11J	<0.50	NA	0.23J
Hays	LR-67-09-1SM	11/19/09	NA	4.90	1.21	<1.00	NA	0.21J	<0.50	NA	0.25J
Hays	LR-68-08-902	12/09/09	NA	1.33	0.32J	<1.00	NA	0.13J	<0.50	NA	<1.00
Hays	LR-68-16-603	08/19/09	*<1.0	*2.1	*<51	*<1.0	*8.3	*<1.0	*<0.2	*<1.0	NA
Kinney	RP-70-45-505	07/30/09	*<1.0	*<1.0	*<51	*<1.0	*3.1	*<1.0	*<0.2	*<1.0	NA
Kinney	RP-70-45-601	07/30/09	*<1.0	*1.2	*<51	*<1.0	*2.8	*<1.0	*<0.2	*<1.0	NA
Medina	TD-68-33-502	06/10/09	*<1.0	*1.3	*<51	*<1.0	*4.7	*<1.0	*<0.2	*<1.0	NA
Medina	TD-68-41-102	06/16/09	*<1.0	*1.4	*<51	*<1.0	*3.5	*<1.0	*<0.2	*<1.0	NA
Medina	TD-68-41-303	07/15/09	*<1.0	*<1.0	*<51	*<1.0	*4.4	*<1.0	*<0.2	*<1.0	NA
Medina	TD-68-41-901	06/16/09	*<1.0	*1.7	*<51	*<1.0	*4.0	*<1.0	*<0.2	*<1.0	NA
Medina	TD-68-42-113	07/28/09	*<1.0	*2.4	*<51	*<1.0	*3.8	*<1.0	*<0.2	*<1.0	NA
Medina	TD-68-42-506	07/14/09	*<1.0	*2.0	*<51	*<1.0	*3.5	*<1.0	*<0.2	*<1.0	NA

Table C-3. (cont.) Analytical data for metals from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Cobalt (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)	Lithium (µg/L)	Manganese (µg/L)	Mercury (µg/L)	Molybdenum (µg/L)	Nickel (µg/L)
Medina	TD-68-42-806	06/30/09	*<1.0	*3.3	*<51	*<1.0	*4.1	*<1.0	*<0.2	*36.0	NA
Medina	TD-68-49-301	06/30/09	*<1.0	*5.1	*<51	*2.02	*3.67	*<1.0	*<0.2	*8.87	*1.95
Medina	TD-68-49-501	07/14/09	*<1.0	*2.9	*<51	*<1.0	*4.5	*<1.0	*<0.2	*<1.0	NA
Medina	TD-69-38-906	07/29/09	*<1.0	*2.2	*<51	*<1.0	*3.5	*<1.0	*<0.2	*<1.0	NA
Medina	TD-69-39-601	07/29/09	*<1.0	*2.2	*<51	*<1.0	NA	*<1.0	*<0.2	*<1.0	NA
Medina	TD-69-47-215	07/28/09	*<1.0	*2.9	*<51	*<1.0	*2.7	*<1.0	*<0.2	*<1.0	NA
Medina	TD-69-47-303	07/15/09	*<1.0	*3.9	*<51	*<1.0	*3.1	*<1.0	*<0.2	*<1.0	NA
Medina	TD-69-47-305	07/28/09	*<1.0	*1.5	*<51	*<1.0	*3.0	*<1.0	*<0.2	*<1.0	NA
Medina	TD-69-55-604	06/10/09	*<1.0	*1.4	*<51	*<1.0	*3.6	*<1.0	*<0.2	*<1.0	NA
Medina	TD-69-63-103	07/29/09	*<1.0	*<1.0	*1050	*<1.0	*12.1	*64.1	*<0.2	*3.9	NA
Uvalde	YP-69-33-701	08/12/09	*<1.0	*1.1	*<51	*<1.0	*2.2	*<1.0	*<0.2	*<1.0	NA
Uvalde	YP-69-35-401	08/12/09	*<1.0	*<1.0	*<51	*<1.0	NA	*<1.0	*<0.2	*<1.0	NA
Uvalde	YP-69-43-606	06/09/09	*<1.0	*3.6	*<51	*<1.0	*2.8	*<1.0	*<0.2	*<1.0	NA
Uvalde	YP-69-45-405	06/17/09	*<1.0	*1.3	*<51	*1.4	*3.3	*<1.0	*<0.2	*<1.0	NA
Uvalde	YP-69-50-207	06/17/09	*<1.0	*1.3	*<51	*<1.0	*3.2	*<1.0	*<0.2	*<1.0	NA
Uvalde	YP-69-51-114	06/09/09	*<1.0	*2.3	*<51	*<1.0	*9.0	*<1.0	*<0.2	*2.2	NA

Table C-3. (cont.) Analytical data for metals from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Selenium (µg/L)	Silver (µg/L)	Strontium (µg/L)	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)
Bexar	AY-68-27-307	04/02/09	0.88J	<0.89	140	<0.36	NA	1.49
Bexar	AY-68-27-5ME	12/15/09	1.19	<0.50	158	<1.00	NA	<1.00
Bexar	AY-68-27-5SM	12/15/09	1.43	<0.50	253	<1.00	NA	13.2
Bexar	AY-68-27-5VC	12/15/09	5.21	<0.50	283	<1.00	NA	<1.00
Bexar	AY-68-27-5VP	12/15/09	0.99J	<0.50	477	<1.00	NA	10.4
Bexar	AY-68-27-609	10/20/09	<5.00	<2.50	268	<5.00	NA	1.6J
Bexar	AY-68-27-6TW	12/15/09	1.09	<0.50	456	<1.00	NA	815
Bexar	AY-68-27-8KL	12/15/09	2.92	<0.50	656	<1.00	NA	61.1
Bexar	AY-68-28-203	08/11/09	*<4.1	*<1.0	*244	NA	*3.9	*<4.1
Bexar	AY-68-28-205	08/11/09	*<4.1	*<1.0	*243	NA	*3.7	*<4.1
Bexar	AY-68-28-210	10/20/09	<5.00	<2.50	140	<5.00	NA	1.4J
Bexar	AY-68-28-211	09/24/09	0.89J	<0.50	169	<1.00	NA	1.88
Bexar	AY-68-28-315	12/17/09	<1.00	<0.50	70.2	<1.00	NA	7.58
Bexar	AY-68-28-513	08/11/09	*<4.1	*<1.0	*218	NA	*3.7	*<4.1
Bexar	AY-68-28-514	08/11/09	0.59J	<0.50	351	<1.00	NA	1.15
Bexar	AY-68-28-517	09/24/09	0.73J	<0.50	123	<1.00	NA	13.0
Bexar	AY-68-28-608 Annular	01/27/09	0.71J	<0.89	148	<0.36	NA	82.5
Bexar	AY-68-28-608 Annular	02/25/09	0.77J	<0.89	153	<0.36	NA	79.1
Bexar	AY-68-28-608 Annular	03/13/09	0.64	<0.89	131	<0.36	NA	78.9
Bexar	AY-68-28-608 Annular	03/17/09	1.02	<0.89	145	<0.36	NA	14.6
Bexar	AY-68-28-608 Annular	03/19/09	0.74J	<0.89	145	<0.36	NA	75.8
Bexar	AY-68-28-608 Annular	04/21/09	0.59J	<0.89	138	<0.36	NA	103
Bexar	AY-68-28-608 Standpipe	01/27/09	0.69J	<0.89	155	<0.36	NA	68.7
Bexar	AY-68-28-608 Standpipe	02/25/09	0.68J	<0.89	159	<0.36	NA	59.1
Bexar	AY-68-28-608 Standpipe	03/13/09	0.57J	<0.89	127	<0.36	NA	59.5

Table C-3. (cont.) Analytical data for metals from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Selenium (µg/L)	Silver (µg/L)	Strontium (µg/L)	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)
Bexar	AY-68-28-608 Standpipe	03/17/09	1.00	<0.89	151	<0.36	NA	50.0
Bexar	AY-68-28-608 Standpipe	03/19/09	0.67J	<0.89	153	<0.36	NA	37.3
Bexar	AY-68-28-608 Standpipe	04/21/09	0.78J	<0.89	150	<0.36	NA	51.1
Bexar	AY-68-28-608 Standpipe	05/26/09	0.38J	<0.89	106	<0.36	NA	17.7
Bexar	AY-68-28-608 Standpipe	08/13/09	*<4.1	*<1.0	*370	NA	*2.9	*62.9
Bexar	AY-68-28-608 Standpipe	09/16/09	0.59J	<0.50	233	<1.00	NA	81.9
Bexar	AY-68-28-608 Standpipe	10/06/09	<5.00	<2.50	188	<5.00	NA	1600
Bexar	AY-68-28-608 Standpipe	11/10/09	2.1J	<2.50	201	<5.00	NA	61.4
Bexar	AY-68-28-608 Standpipe	11/23/09	0.46J	<0.50	200	<1.00	NA	36.5
Bexar	AY-68-29-114	08/25/09	1.22	<0.50	129	<1.00	NA	0.84J
Bexar	AY-68-29-213	03/31/09	0.98J	<0.89	170	<0.36	NA	3.29
Bexar	AY-68-29-216	11/05/09	0.47J	<0.50	109	<1.00	NA	1.55
Bexar	AY-68-29-415	11/05/09	<1.00	<0.50	195	<1.00	NA	2.00
Comal	DX-68-16-701	08/27/09	18.6	<2.50	1570	<5.00	NA	<5.00
Comal	DX-68-22-805	06/23/09	*<4.1	*<1.0	*171	NA	*2.3	*<4.1
Comal	DX-68-22-903	06/24/09	*<4.1	*<1.0	*164	NA	*2.4	*<4.1
Comal	DX-68-23-203	06/24/09	*<4.1	*<1.0	*530	*<1.0	*2.4	*<4.1
Comal	DX-68-23-303	06/24/09	*<4.1	*<1.0	*700	NA	*2.7	*34.0
Comal	DX-68-23-304	03/04/09	1.40	<0.89	552	<0.36	NA	11.4
Comal	DX-68-23-504	08/18/09	*<4.1	*<1.0	*499	NA	*3.4	*<4.1
Comal	DX-68-30-221	06/23/09	*<4.1	*<1.0	*208	NA	*2.8	*<4.1
Comal	DX-68-30-225	06/23/09	*<4.1	*<1.0	*204	NA	*2.7	*13.6
Hays	LR-67-01-2DE	03/18/09	0.75J	<0.89	458	<0.36	NA	13.9
Hays	LR-67-01-5BL	12/08/09	0.54J	<0.50	648	0.14J	NA	8.62
Hays	LR-67-01-5ST	12/08/09	0.55J	<0.50	282	<1.00	NA	3.79
Hays	LR-67-01-704	12/09/09	0.38J	<0.50	273	<1.00	NA	11.4

Table C-3. (cont.) Analytical data for metals from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Selenium (µg/L)	Silver (µg/L)	Strontium (µg/L)	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)
Hays	LR-67-01-7SF	12/09/09	0.46J	<0.50	106	<1.00	NA	32.8
Hays	LR-67-01-7SG	12/09/09	<1.00	<0.50	514	<1.00	NA	200
Hays	LR-67-01-805	11/19/09	0.84J	<0.50	511	<1.00	NA	3.05
Hays	LR-67-01-810	11/19/09	0.64J	<0.50	509	<1.00	NA	1.74
Hays	LR-67-01-816	08/19/09	*<4.1	*<1.0	*523	NA	*3.3	*<4.1
Hays	LR-67-01-818	12/07/09	1.34	<0.50	364	<1.00	NA	3.19
Hays	LR-67-01-8AR	11/19/09	0.78J	<0.50	560	<1.00	NA	0.87J
Hays	LR-67-01-8FO	12/08/09	1.31	<0.50	568	<1.00	NA	8.70
Hays	LR-67-01-8MO	12/07/09	0.81J	<0.50	734	<1.00	NA	5.60
Hays	LR-67-01-8PS	11/19/09	0.37J	<0.50	184	<1.00	NA	13.3
Hays	LR-67-01-9DK	12/07/09	0.54J	<0.50	731	<1.00	NA	3.28
Hays	LR-67-01-9MK	12/07/09	0.58J	<0.50	265	<1.00	NA	5.82
Hays	LR-67-09-101 1	01/27/09	1.73	<0.89	590	0.16J	NA	34.2
Hays	LR-67-09-101 1	02/25/09	1.97	<0.89	604	<0.36	NA	124
Hays	LR-67-09-101 1	04/21/09	2.31	<0.89	593	0.18J	NA	13.6
Hays	LR-67-09-101 1	05/26/09	1.02	<0.89	446	<0.36	NA	6.78
Hays	LR-67-09-101 1	07/13/09	1.07	<0.89	618	<0.36	NA	61.5
Hays	LR-67-09-101 1	07/14/09	1.18J	<0.89	615	<0.36	NA	58.9
Hays	LR-67-09-101 1	07/17/09	1.30	<0.50	601	<1.00	NA	2.61
Hays	LR-67-09-101 1	07/20/09	1.06	<0.50	579	<1.00	NA	3.30
Hays	LR-67-09-101 1	07/21/09	1.33	<0.50	560	<1.00	NA	3.72
Hays	LR-67-09-101 1	07/22/09	1.11	<0.50	553	<1.00	NA	11.8
Hays	LR-67-09-101 1	09/16/09	1.07	<0.50	645	<1.00	NA	50.0
Hays	LR-67-09-101 2	07/15/09	0.87J	<0.89	608	<0.36	NA	71.1
Hays	LR-67-09-101 2	07/19/09	1.23	<0.50	571	<1.00	NA	<1.00
Hays	LR-67-09-101 2	07/23/09	1.68	<0.50	550	<1.00	NA	40.8

Table C-3. (cont.) Analytical data for metals from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Selenium (µg/L)	Silver (µg/L)	Strontium (µg/L)	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)
Hays	LR-67-09-101 3	07/16/09	0.76J	<0.89	604	<0.36	NA	75.3
Hays	LR-67-09-101 3	07/18/09	1.33	<0.50	568	<1.00	NA	2.62
Hays	LR-67-09-101 3	07/24/09	0.79J	<0.50	511	<1.00	NA	6.72
Hays	LR-67-09-101 3	07/25/09	0.78J	<0.50	471	<1.00	NA	4.26
Hays	LR-67-09-101 4	01/27/09	1.22	<0.89	590	<0.36	NA	6.25
Hays	LR-67-09-101 4	02/25/09	1.86	<0.89	602	<0.36	NA	28.3
Hays	LR-67-09-101 4	04/21/09	1.61	0.31J	588	0.12J	NA	7.18
Hays	LR-67-09-101 4	05/26/09	1.14	<0.89	440	<0.36	NA	28.5
Hays	LR-67-09-101 4	07/26/09	1.08	<0.50	416	<1.00	NA	1.27
Hays	LR-67-09-101 4	09/16/09	1.52	<0.50	632	<1.00	NA	12.0
Hays	LR-67-09-101 4	10/08/09	<5.00	<2.50	531	<5.00	NA	98.2
Hays	LR-67-09-105	12/09/09	0.72J	<0.50	608	<1.00	NA	110
Hays	LR-67-09-1AA	11/19/09	1.46	<0.50	546	<1.00	NA	3.22
Hays	LR-67-09-106	12/09/09	0.55J	<0.50	562	<1.00	NA	9.26
Hays	LR-67-09-1HB	11/17/09	0.88J	<0.50	414	<1.00	NA	1.18
Hays	LR-67-09-1SM	11/19/09	1.16	<0.50	653	<1.00	NA	13.1
Hays	LR-68-08-902	12/09/09	<1.00	<0.50	147	<1.00	NA	7.00
Hays	LR-68-16-603	08/19/09	*<4.1	*<1.0	*610	NA	*3.2	*<4.1
Kinney	RP-70-45-505	07/30/09	*<4.1	*<1.0	*1560	*<1.0	*9.5	*<4.1
Kinney	RP-70-45-601	07/30/09	*<4.1	*<1.0	*2370	*<1.0	*5.2	*<4.1
Medina	TD-68-33-502	06/10/09	*<4.1	*<1.0	*563	NA	*2.4	*<4.1
Medina	TD-68-41-102	06/16/09	*<4.1	*<1.0	*647	NA	*3.3	*<4.1
Medina	TD-68-41-303	07/15/09	*<4.1	*<1.0	*518	NA	*3.5	*<4.1
Medina	TD-68-41-901	06/16/09	*<4.1	*<1.0	*1450	NA	*4.0	*<4.1
Medina	TD-68-42-113	07/28/09	*<4.1	*<1.0	*609	*<1.0	*3.3	*<4.1
Medina	TD-68-42-506	07/14/09	*<4.1	*<1.0	*1190	*<1.0	*4.2	*<4.1

Table C-3. (cont.) Analytical data for metals from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Selenium (µg/L)	Silver (µg/L)	Strontium (µg/L)	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)
Medina	TD-68-42-806	06/30/09	*<4.1	*<1.0	*2140	*<1.0	*9.8	*4.9
Medina	TD-68-49-301	06/30/09	*<4.1	*<1.0	*7480	*<1.0	*7.52	*12.9
Medina	TD-68-49-501	07/14/09	*<4.1	*<1.0	*2450	*<1.0	*4.0	*5.6
Medina	TD-69-38-906	07/29/09	*<4.1	*<1.0	*267	*<1.0	*3.3	*<4.1
Medina	TD-69-39-601	07/29/09	*<4.1	*<1.0	*213	*<1.0	*2.6	*37.6
Medina	TD-69-47-215	07/28/09	*<4.1	*<1.0	*334	*<1.0	*3.1	*<4.1
Medina	TD-69-47-303	07/15/09	*<4.1	*<1.0	*362	*<1.0	*3.6	*<4.1
Medina	TD-69-47-305	07/28/09	*<4.1	*<1.0	*325	*<1.0	*3.3	*5.3
Medina	TD-69-55-604	06/10/09	*<4.1	*<1.0	*914	*<1.0	*3.6	*<4.1
Medina	TD-69-63-103	07/29/09	*<4.1	*<1.0	*24200	*<1.0	*<1.0	*<4.1
Uvalde	YP-69-33-701	08/12/09	*<4.1	*<1.0	*210	*<1.0	*4.3	*<4.1
Uvalde	YP-69-35-401	08/12/09	*<4.1	*<1.0	*249	*<1.0	*4.4	*<4.1
Uvalde	YP-69-43-606	06/09/09	*<4.1	*<1.0	*362	*<1.0	*4.1	*<4.1
Uvalde	YP-69-45-405	06/17/09	*<4.1	*<1.0	*323	*<1.0	*2.7	*4.1
Uvalde	YP-69-50-207	06/17/09	*<4.1	*<1.0	*238	*<1.0	*5.3	*5.7
Uvalde	YP-69-51-114	06/09/09	*<4.1	*<1.0	*3090	*<1.0	*7.2	*8.4

* = Sample collected by the Authority and analyzed by the TWDB.
NA = Not Analyzed

Table C-4. Analytical data for nutrients from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Nitrate-N (mg/L)	Orthophosphate (mg/L)	Phosphorus (mg/L)
Bexar	AY-68-27-307	04/02/09	<0.15	NA	NA
Bexar	AY-68-27-5ME	12/15/09	<0.15	NA	NA
Bexar	AY-68-27-5SM	12/15/09	<0.15	NA	NA
Bexar	AY-68-27-5VC	12/15/09	<0.15	NA	NA
Bexar	AY-68-27-5VP	12/15/09	<0.15	NA	NA
Bexar	AY-68-27-609	10/20/09	<0.15	NA	NA
Bexar	AY-68-27-6TW	12/15/09	<0.15	NA	NA
Bexar	AY-68-27-8KL	12/15/09	<0.15	NA	NA
Bexar	AY-68-28-203	08/11/09	*1.39	NA	*<0.02
Bexar	AY-68-28-205	08/11/09	*1.52	NA	*<0.02
Bexar	AY-68-28-210	10/20/09	<0.15	NA	NA
Bexar	AY-68-28-211	09/24/09	2.52	NA	NA
Bexar	AY-68-28-315	12/17/09	<0.15	NA	NA
Bexar	AY-68-28-513	08/11/09	*1.49	NA	*<0.02
Bexar	AY-68-28-514	08/11/09	1.66	NA	NA
Bexar	AY-68-28-517	09/24/09	2.15	NA	NA
Bexar	AY-68-28-608 Annular	01/27/09	1.36	NA	NA
Bexar	AY-68-28-608 Annular	02/25/09	2.45	NA	NA
Bexar	AY-68-28-608 Annular	03/13/09	1.81	NA	NA
Bexar	AY-68-28-608 Annular	03/17/09	<0.15	NA	NA
Bexar	AY-68-28-608 Annular	03/19/09	<0.15	NA	NA
Bexar	AY-68-28-608 Annular	04/21/09	1.77	NA	NA
Bexar	AY-68-28-608 Standpipe	01/27/09	1.07	NA	NA
Bexar	AY-68-28-608 Standpipe	02/25/09	1.60	NA	NA
Bexar	AY-68-28-608 Standpipe	03/13/09	<0.15	NA	NA
Bexar	AY-68-28-608 Standpipe	03/17/09	<0.15	NA	NA
Bexar	AY-68-28-608 Standpipe	03/19/09	<0.15	NA	NA
Bexar	AY-68-28-608 Standpipe	04/21/09	1.71	NA	NA
Bexar	AY-68-28-608 Standpipe	05/26/09	3.55	NA	NA
Bexar	AY-68-28-608 Standpipe	08/13/09	*1.32	NA	*<0.02
Bexar	AY-68-28-608 Standpipe	09/16/09	4.83	NA	NA
Bexar	AY-68-28-608 Standpipe	10/06/09	2.79	NA	NA
Bexar	AY-68-28-608 Standpipe	11/10/09	2.22	NA	NA
Bexar	AY-68-28-608 Standpipe	11/23/09	1.14	NA	NA
Bexar	AY-68-29-114	08/25/09	<0.15	NA	NA
Bexar	AY-68-29-213	03/31/09	2.44	NA	NA
Bexar	AY-68-29-216	11/05/09	1.53	NA	NA
Bexar	AY-68-29-415	11/05/09	1.18	NA	NA
Comal	DX-68-16-701	08/27/09	<0.15	NA	NA
Comal	DX-68-22-805	06/23/09	*1.33	NA	*<0.02
Comal	DX-68-22-903	06/24/09	*1.45	NA	*0.022
Comal	DX-68-23-203	06/24/09	*2.27	NA	*0.024
Comal	DX-68-23-303	06/24/09	*1.72	NA	*<0.02
Comal	DX-68-23-304	03/04/09	1.44	<0.02	NA
Comal	DX-68-23-504	08/18/09	*1.69	NA	*<0.02
Comal	DX-68-30-221	06/23/09	*4.74	NA	*0.054
Comal	DX-68-30-225	06/23/09	*2.84	NA	*0.027
Hays	LR-67-01-2DE	03/18/09	<0.15	NA	NA

Table C-4. (cont.) Analytical data for nutrients from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Nitrate-N (mg/L)	Orthophosphate (mg/L)	Phosphorus (mg/L)
Hays	LR-67-01-5BL	12/08/09	<0.15	NA	NA
Hays	LR-67-01-5ST	12/08/09	<0.15	NA	NA
Hays	LR-67-01-704	12/09/09	<0.15	NA	NA
Hays	LR-67-01-7SF	12/09/09	<0.15	NA	NA
Hays	LR-67-01-7SG	12/09/09	<0.15	NA	NA
Hays	LR-67-01-805	11/19/09	<0.15	NA	NA
Hays	LR-67-01-810	11/19/09	<0.15	NA	NA
Hays	LR-67-01-816	08/19/09	*1.47	NA	*<0.02
Hays	LR-67-01-818	12/07/09	<0.15	NA	NA
Hays	LR-67-01-8AR	11/19/09	<0.15	NA	NA
Hays	LR-67-01-8FO	12/08/09	<0.15	NA	NA
Hays	LR-67-01-8MO	12/07/09	<0.15	NA	NA
Hays	LR-67-01-8PS	11/19/09	<0.15	NA	NA
Hays	LR-67-01-9DK	12/07/09	<0.15	NA	NA
Hays	LR-67-01-9MK	12/07/09	<0.15	NA	NA
Hays	LR-67-09-101 1	01/27/09	2.22	NA	NA
Hays	LR-67-09-101 1	02/25/09	2.81	NA	NA
Hays	LR-67-09-101 1	04/21/09	1.77	NA	NA
Hays	LR-67-09-101 1	05/26/09	2.31	NA	NA
Hays	LR-67-09-101 1	07/13/09	2.50	NA	NA
Hays	LR-67-09-101 1	07/14/09	2.27	NA	NA
Hays	LR-67-09-101 1	07/17/09	2.02	NA	NA
Hays	LR-67-09-101 1	07/20/09	2.26	NA	NA
Hays	LR-67-09-101 1	07/21/09	2.27	NA	NA
Hays	LR-67-09-101 1	07/22/09	1.70	NA	NA
Hays	LR-67-09-101 1	09/16/09	2.58	NA	NA
Hays	LR-67-09-101 2	07/15/09	2.42	NA	NA
Hays	LR-67-09-101 2	07/19/09	2.08	NA	NA
Hays	LR-67-09-101 2	07/23/09	2.28	NA	NA
Hays	LR-67-09-101 3	07/16/09	2.25	NA	NA
Hays	LR-67-09-101 3	07/18/09	2.31	NA	NA
Hays	LR-67-09-101 3	07/24/09	2.23	NA	NA
Hays	LR-67-09-101 3	07/25/09	2.15	NA	NA
Hays	LR-67-09-101 4	01/27/09	3.46	NA	NA
Hays	LR-67-09-101 4	02/25/09	<0.15	NA	NA
Hays	LR-67-09-101 4	04/21/09	1.72	NA	NA
Hays	LR-67-09-101 4	05/26/09	2.06	NA	NA
Hays	LR-67-09-101 4	07/26/09	2.13	NA	NA
Hays	LR-67-09-101 4	09/16/09	2.53	NA	NA
Hays	LR-67-09-101 4	10/08/09	7.39	NA	NA
Hays	LR-67-09-105	12/09/09	<0.15	NA	NA
Hays	LR-67-09-1AA	11/19/09	<0.15	NA	NA
Hays	LR-67-09-106	12/09/09	<0.15	NA	NA
Hays	LR-67-09-1HB	11/17/09	<0.15	NA	NA
Hays	LR-67-09-1SM	11/19/09	<0.15	NA	NA
Hays	LR-68-08-902	12/09/09	<0.15	NA	NA
Hays	LR-68-16-603	08/19/09	*1.48	NA	*<0.02
Kinney	RP-70-45-505	07/30/09	*0.95	NA	*<0.02
Kinney	RP-70-45-601	07/30/09	*1.15	NA	*<0.02
Medina	TD-68-33-502	06/10/09	*0.67	NA	*<0.02

Table C-4. (cont.) Analytical data for nutrients from wells completed in the Edwards Aquifer, 2009

County	Station Name	Date Sampled	Nitrate-N (mg/L)	Orthophosphate (mg/L)	Phosphorus (mg/L)
Medina	TD-68-41-102	06/16/09	*1.82	NA	*<0.02
Medina	TD-68-41-303	07/15/09	*1.89	NA	*<0.02
Medina	TD-68-41-901	06/16/09	*2.0	NA	*0.046
Medina	TD-68-42-113	07/28/09	*1.95	NA	NA
Medina	TD-68-42-506	07/14/09	*2.06	NA	*<0.02
Medina	TD-68-42-806	06/30/09	*1.16	NA	*<0.02
Medina	TD-68-49-301	06/30/09	*1.2	NA	*<0.02
Medina	TD-68-49-501	07/14/09	*1.98	NA	*<0.02
Medina	TD-69-38-906	07/29/09	*4.39	NA	*<0.02
Medina	TD-69-39-601	07/29/09	*1.32	NA	*<0.02
Medina	TD-69-47-215	07/28/09	*1.39	NA	*<0.02
Medina	TD-69-47-303	07/15/09	*1.41	NA	*<0.02
Medina	TD-69-47-305	07/28/09	*1.79	NA	*<0.02
Medina	TD-69-55-604	06/10/09	*2.4	NA	*<0.02
Medina	TD-69-63-103	07/29/09	*<0.02	NA	*<0.02
Uvalde	YP-69-33-701	08/12/09	*0.335	NA	*<0.02
Uvalde	YP-69-35-401	08/12/09	*2.81	NA	*<0.02
Uvalde	YP-69-43-606	06/09/09	*2.49	NA	*<0.02
Uvalde	YP-69-45-405	06/17/09	*1.31	NA	*<0.02
Uvalde	YP-69-50-207	06/17/09	*2.46	NA	*<0.02
Uvalde	YP-69-51-114	06/09/09	*6.3	NA	*0.049

* = Sample collected by the Authority and analyzed by the TWDB.
NA = Not Analyzed

Table C-5. Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Alachlor (µg/L)	Aldrin (µg/L)	alpha-BHC (µg/L)	alpha-Chlordane (µg/L)	Aroclor 1016 (µg/L)	Aroclor 1221 (µg/L)	Aroclor 1232 (µg/L)	Aroclor 1242 (µg/L)	Aroclor 1248 (µg/L)
AY-68-27-307	04/02/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-27-609	10/20/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-203	08/11/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-205	08/11/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-210	10/20/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-211	09/24/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-315	12/17/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-513	08/11/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-514	08/11/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-517	09/24/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Annular	01/27/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Annular	02/25/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Annular	03/13/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Annular	03/17/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Annular	03/19/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Annular	04/21/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Standpipe	01/27/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Standpipe	02/25/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Standpipe	03/13/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Standpipe	03/17/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Standpipe	03/19/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Standpipe	04/21/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Standpipe	05/26/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Standpipe	08/13/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Standpipe	09/16/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Standpipe	11/10/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-28-608 Standpipe	11/23/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-29-114	08/25/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Alachlor (µg/L)	Aldrin (µg/L)	alpha-BHC (µg/L)	alpha-Chlordane (µg/L)	Aroclor 1016 (µg/L)	Aroclor 1221 (µg/L)	Aroclor 1232 (µg/L)	Aroclor 1242 (µg/L)	Aroclor 1248 (µg/L)
AY-68-29-213	03/31/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-29-216	11/05/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
AY-68-29-415	11/05/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
DX-68-16-701	08/27/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
DX-68-22-805	06/23/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
DX-68-22-903	06/24/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
DX-68-23-203	06/24/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
DX-68-23-303	06/24/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
DX-68-23-304	03/04/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
DX-68-23-504	08/18/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
DX-68-30-221	06/23/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
DX-68-30-225	06/23/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-01-805	11/19/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-01-810	11/19/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-01-816	08/19/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-01-8AR	11/19/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-01-8PS	11/19/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-09-101 1	01/27/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-09-101 1	02/25/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-09-101 1	04/21/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-09-101 1	05/26/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-09-101 1	09/16/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-09-101 4	01/27/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-09-101 4	02/25/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-09-101 4	04/21/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-09-101 4	05/26/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-09-101 4	09/16/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-09-106	11/19/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-67-09-1HB	11/17/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Alachlor (µg/L)	Aldrin (µg/L)	alpha-BHC (µg/L)	alpha-Chlordane (µg/L)	Aroclor 1016 (µg/L)	Aroclor 1221 (µg/L)	Aroclor 1232 (µg/L)	Aroclor 1242 (µg/L)	Aroclor 1248 (µg/L)
LR-67-09-1SM	11/19/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-68-16-302	11/19/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
LR-68-16-603	08/19/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
RP-70-45-505	07/30/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
RP-70-45-601	07/30/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
TD-68-33-502	06/10/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
TD-68-41-102	06/16/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
TD-68-41-303	07/15/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
TD-68-41-901	06/16/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
TD-68-42-113	07/28/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
TD-68-42-506	07/14/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
TD-68-42-806	06/30/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
TD-68-49-301	06/30/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
TD-68-49-501	07/14/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
TD-69-38-906	07/29/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
TD-69-39-601	07/29/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
TD-69-47-215	07/28/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
TD-69-47-303	07/15/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
TD-69-47-305	07/28/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
TD-69-55-604	06/10/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
TD-69-63-103	07/29/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
YP-69-33-701	08/12/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
YP-69-35-401	08/12/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
YP-69-43-606	06/09/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
YP-69-45-405	06/17/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
YP-69-50-207	06/17/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00
YP-69-51-114	06/09/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00	<1.00

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Aroclor 1254 (µg/L)	Aroclor 1260 (µg/L)	Atrazine (µg/L)	Azinphos methyl (µg/L)	Bentazon (mg/L)	beta-BHC (µg/L)	Bolstar (Sulprofos) (µg/L)	Chloro-pyrifos (µg/L)	Coumaphos (µg/L)
AY-68-27-307	04/02/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-27-609	10/20/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-203	08/11/09	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-205	08/11/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-210	10/20/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-211	09/24/09	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-315	12/17/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-513	08/11/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-514	08/11/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-517	09/24/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Annular	01/27/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Annular	02/25/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Annular	03/13/09	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Annular	03/17/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Annular	03/19/09	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Annular	04/21/09	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Standpipe	01/27/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Standpipe	02/25/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Standpipe	03/13/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Standpipe	03/17/09	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Standpipe	03/19/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Standpipe	04/21/09	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Standpipe	05/26/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Standpipe	08/13/09	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Standpipe	09/16/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Standpipe	11/10/09	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-28-608 Standpipe	11/23/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-29-114	08/25/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Aroclor 1254 (µg/L)	Aroclor 1260 (µg/L)	Atrazine (µg/L)	Azinphos methyl (µg/L)	Bentazon (mg/L)	beta-BHC (µg/L)	Bolstar (Sulprofos) (µg/L)	Chloro-pyrifos (µg/L)	Coumaphos (µg/L)
AY-68-29-213	03/31/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-29-216	11/05/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
AY-68-29-415	11/05/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
DX-68-16-701	08/27/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
DX-68-22-805	06/23/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
DX-68-22-903	06/24/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
DX-68-23-203	06/24/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
DX-68-23-303	06/24/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
DX-68-23-304	03/04/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
DX-68-23-504	08/18/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
DX-68-30-221	06/23/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
DX-68-30-225	06/23/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-01-805	11/19/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-01-810	11/19/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-01-816	08/19/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-01-8AR	11/19/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-01-8PS	11/19/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-09-101 1	01/27/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-09-101 1	02/25/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-09-101 1	04/21/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-09-101 1	05/26/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-09-101 1	09/16/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-09-101 4	01/27/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-09-101 4	02/25/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-09-101 4	04/21/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-09-101 4	05/26/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-09-101 4	09/16/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-09-106	11/19/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05
LR-67-09-1HB	11/17/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.05

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Aroclor 1254 (µg/L)	Aroclor 1260 (µg/L)	Atrazine (µg/L)	Azinphos methyl (µg/L)	Bentazon (mg/L)	beta-BHC (µg/L)	Bolstar (Sulprofos) (µg/L)	Chloro-pyrifos (µg/L)	Coumaphos (µg/L)
LR-67-09-1SM	11/19/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
LR-68-16-302	11/19/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
LR-68-16-603	08/19/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
RP-70-45-505	07/30/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
RP-70-45-601	07/30/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
TD-68-33-502	06/10/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
TD-68-41-102	06/16/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
TD-68-41-303	07/15/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
TD-68-41-901	06/16/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
TD-68-42-113	07/28/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
TD-68-42-506	07/14/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
TD-68-42-806	06/30/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
TD-68-49-301	06/30/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
TD-68-49-501	07/14/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
TD-69-38-906	07/29/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
TD-69-39-601	07/29/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
TD-69-47-215	07/28/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
TD-69-47-303	07/15/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
TD-69-47-305	07/28/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
TD-69-55-604	06/10/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
TD-69-63-103	07/29/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
YP-69-33-701	08/12/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
YP-69-35-401	08/12/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
YP-69-43-606	06/09/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
YP-69-45-405	06/17/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
YP-69-50-207	06/17/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050
YP-69-51-114	06/09/09	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05	<0.05	<0.050

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	2,4-D (mg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	delta-BHC (µg/L)	Demeton, Total (µg/L)	Diazinon (µg/L)	Dichloro-vos (µg/L)	Dieldrin (µg/L)
AY-68-27-307	04/02/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-27-609	10/20/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-203	08/11/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-205	08/11/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-210	10/20/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-211	09/24/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-315	12/17/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-513	08/11/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-514	08/11/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-517	09/24/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Annular	01/27/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Annular	02/25/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Annular	03/13/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Annular	03/17/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Annular	03/19/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Annular	04/21/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Standpipe	01/27/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Standpipe	02/25/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Standpipe	03/13/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Standpipe	03/17/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Standpipe	03/19/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Standpipe	04/21/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Standpipe	05/26/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Standpipe	08/13/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Standpipe	09/16/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Standpipe	11/10/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-28-608 Standpipe	11/23/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-29-114	08/25/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	2,4-D (mg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	delta-BHC (µg/L)	Demeton, Total (µg/L)	Diazinon (µg/L)	Dichloro-vos (µg/L)	Dieldrin (µg/L)
AY-68-29-213	03/31/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-29-216	11/05/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
AY-68-29-415	11/05/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
DX-68-16-701	08/27/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
DX-68-22-805	06/23/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
DX-68-22-903	06/24/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
DX-68-23-203	06/24/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
DX-68-23-303	06/24/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
DX-68-23-304	03/04/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
DX-68-23-504	08/18/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
DX-68-30-221	06/23/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
DX-68-30-225	06/23/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-01-805	11/19/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-01-810	11/19/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-01-816	08/19/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-01-8AR	11/19/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-01-8PS	11/19/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-09-101 1	01/27/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-09-101 1	02/25/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-09-101 1	04/21/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-09-101 1	05/26/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-09-101 1	09/16/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-09-101 4	01/27/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-09-101 4	02/25/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-09-101 4	04/21/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-09-101 4	05/26/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-09-101 4	09/16/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-09-106	11/19/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-67-09-1HB	11/17/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	2,4-D (mg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	delta-BHC (µg/L)	Demeton, Total (µg/L)	Diazinon (µg/L)	Dichloro-vos (µg/L)	Dieldrin (µg/L)
LR-67-09-1SM	11/19/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-68-16-302	11/19/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
LR-68-16-603	08/19/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
RP-70-45-505	07/30/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
RP-70-45-601	07/30/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
TD-68-33-502	06/10/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
TD-68-41-102	06/16/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
TD-68-41-303	07/15/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
TD-68-41-901	06/16/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
TD-68-42-113	07/28/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
TD-68-42-506	07/14/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
TD-68-42-806	06/30/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
TD-68-49-301	06/30/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
TD-68-49-501	07/14/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
TD-69-38-906	07/29/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
TD-69-39-601	07/29/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
TD-69-47-215	07/28/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
TD-69-47-303	07/15/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
TD-69-47-305	07/28/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
TD-69-55-604	06/10/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
TD-69-63-103	07/29/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
YP-69-33-701	08/12/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
YP-69-35-401	08/12/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
YP-69-43-606	06/09/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
YP-69-45-405	06/17/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
YP-69-50-207	06/17/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050
YP-69-51-114	06/09/09	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.050

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Dimeth-oate (µg/L)	Dinoseb (mg/L)	Disulfoton (µg/L)	Endo-sulfan I (µg/L)	Endo-sulfan II (µg/L)	Endo-sulfan sulfate (µg/L)	Endrin (µg/L)	Endrin aldehyde (µg/L)	Endrin ketone (µg/L)
AY-68-27-307	04/02/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-27-609	10/20/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-203	08/11/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-205	08/11/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-210	10/20/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-211	09/24/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-315	12/17/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-513	08/11/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-514	08/11/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-517	09/24/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Annular	01/27/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Annular	02/25/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Annular	03/13/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Annular	03/17/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Annular	03/19/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Annular	04/21/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Standpipe	01/27/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Standpipe	02/25/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Standpipe	03/13/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Standpipe	03/17/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Standpipe	03/19/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Standpipe	04/21/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Standpipe	05/26/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Standpipe	08/13/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Standpipe	09/16/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Standpipe	11/10/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-28-608 Standpipe	11/23/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-29-114	08/25/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Dimeth-oate (µg/L)	Dinoseb (mg/L)	Disulfoton (µg/L)	Endo-sulfan I (µg/L)	Endo-sulfan II (µg/L)	Endo-sulfan sulfate (µg/L)	Endrin (µg/L)	Endrin aldehyde (µg/L)	Endrin ketone (µg/L)
AY-68-29-213	03/31/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-29-216	11/05/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
AY-68-29-415	11/05/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
DX-68-16-701	08/27/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
DX-68-22-805	06/23/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
DX-68-22-903	06/24/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
DX-68-23-203	06/24/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
DX-68-23-303	06/24/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
DX-68-23-304	03/04/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
DX-68-23-504	08/18/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
DX-68-30-221	06/23/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
DX-68-30-225	06/23/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-01-805	11/19/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-01-810	11/19/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-01-816	08/19/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-01-8AR	11/19/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-01-8PS	11/19/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-09-101 1	01/27/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-09-101 1	02/25/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-09-101 1	04/21/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-09-101 1	05/26/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-09-101 1	09/16/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-09-101 4	01/27/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-09-101 4	02/25/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-09-101 4	04/21/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-09-101 4	05/26/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-09-101 4	09/16/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-09-106	11/19/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-67-09-1HB	11/17/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Dimeth-oate (µg/L)	Dinoseb (mg/L)	Disulfoton (µg/L)	Endo-sulfan I (µg/L)	Endo-sulfan II (µg/L)	Endo-sulfan sulfate (µg/L)	Endrin (µg/L)	Endrin aldehyde (µg/L)	Endrin ketone (µg/L)
LR-67-09-1SM	11/19/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-68-16-302	11/19/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
LR-68-16-603	08/19/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
RP-70-45-505	07/30/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
RP-70-45-601	07/30/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TD-68-33-502	06/10/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TD-68-41-102	06/16/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TD-68-41-303	07/15/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TD-68-41-901	06/16/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TD-68-42-113	07/28/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TD-68-42-506	07/14/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TD-68-42-806	06/30/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TD-68-49-301	06/30/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TD-68-49-501	07/14/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TD-69-38-906	07/29/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TD-69-39-601	07/29/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TD-69-47-215	07/28/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TD-69-47-303	07/15/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TD-69-47-305	07/28/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TD-69-55-604	06/10/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TD-69-63-103	07/29/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
YP-69-33-701	08/12/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
YP-69-35-401	08/12/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
YP-69-43-606	06/09/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
YP-69-45-405	06/17/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
YP-69-50-207	06/17/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
YP-69-51-114	06/09/09	<0.05	<0.50	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	EPN (µg/L)	Ethoprop (µg/L)	Fensulfo-thion (µg/L)	Fenthion (µg/L)	gamma-BHC (µg/L)	gamma-Chlordane (µg/L)	Heptachlor (µg/L)	Heptachlor epoxide (µg/L)	Malathion (µg/L)
AY-68-27-307	04/02/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-27-609	10/20/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-203	08/11/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-205	08/11/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-210	10/20/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-211	09/24/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-315	12/17/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-513	08/11/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-514	08/11/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-517	09/24/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Annular	01/27/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Annular	02/25/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Annular	03/13/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Annular	03/17/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Annular	03/19/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Annular	04/21/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Standpipe	01/27/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Standpipe	02/25/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Standpipe	03/13/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Standpipe	03/17/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Standpipe	03/19/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Standpipe	04/21/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Standpipe	05/26/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Standpipe	08/13/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Standpipe	09/16/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Standpipe	11/10/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-28-608 Standpipe	11/23/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-29-114	08/25/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	EPN (µg/L)	Ethoprop (µg/L)	Fensulfo-thion (µg/L)	Fenthion (µg/L)	gamma-BHC (µg/L)	gamma-Chlordane (µg/L)	Heptachlor (µg/L)	Heptachlor epoxide (µg/L)	Malathion (µg/L)
AY-68-29-213	03/31/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-29-216	11/05/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
AY-68-29-415	11/05/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
DX-68-16-701	08/27/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
DX-68-22-805	06/23/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
DX-68-22-903	06/24/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
DX-68-23-203	06/24/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
DX-68-23-303	06/24/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
DX-68-23-304	03/04/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
DX-68-23-504	08/18/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
DX-68-30-221	06/23/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
DX-68-30-225	06/23/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-01-805	11/19/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-01-810	11/19/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-01-816	08/19/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-01-8AR	11/19/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-01-8PS	11/19/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-09-101 1	01/27/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-09-101 1	02/25/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-09-101 1	04/21/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-09-101 1	05/26/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-09-101 1	09/16/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-09-101 4	01/27/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-09-101 4	02/25/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-09-101 4	04/21/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-09-101 4	05/26/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-09-101 4	09/16/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-09-106	11/19/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-67-09-1HB	11/17/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	EPN (µg/L)	Ethoprop (µg/L)	Fensulfo-thion (µg/L)	Fenthion (µg/L)	gamma-BHC (µg/L)	gamma-Chlordane (µg/L)	Heptachlor (µg/L)	Heptachlor epoxide (µg/L)	Malathion (µg/L)
LR-67-09-1SM	11/19/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-68-16-302	11/19/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
LR-68-16-603	08/19/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
RP-70-45-505	07/30/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
RP-70-45-601	07/30/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
TD-68-33-502	06/10/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
TD-68-41-102	06/16/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
TD-68-41-303	07/15/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
TD-68-41-901	06/16/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
TD-68-42-113	07/28/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
TD-68-42-506	07/14/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
TD-68-42-806	06/30/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
TD-68-49-301	06/30/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
TD-68-49-501	07/14/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
TD-69-38-906	07/29/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
TD-69-39-601	07/29/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
TD-69-47-215	07/28/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
TD-69-47-303	07/15/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
TD-69-47-305	07/28/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
TD-69-55-604	06/10/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
TD-69-63-103	07/29/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
YP-69-33-701	08/12/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
YP-69-35-401	08/12/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
YP-69-43-606	06/09/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
YP-69-45-405	06/17/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
YP-69-50-207	06/17/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05
YP-69-51-114	06/09/09	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	<0.050	<0.050	<0.05

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Merphos (µg/L)	Methoxychlor (µg/L)	Methyl parathion (µg/L)	Mirex (µg/L)	Monon-croto-phos (µg/L)	Naled (µg/L)	Parathion (µg/L)	Penta-chloro-phenol (µg/L)	Phorate (µg/L)
AY-68-27-307	04/02/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-27-609	10/20/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-203	08/11/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-205	08/11/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-210	10/20/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-211	09/24/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-315	12/17/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-513	08/11/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-514	08/11/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-517	09/24/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Annular	01/27/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Annular	02/25/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Annular	03/13/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Annular	03/17/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Annular	03/19/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Annular	04/21/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Standpipe	01/27/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Standpipe	02/25/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Standpipe	03/13/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Standpipe	03/17/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Standpipe	03/19/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Standpipe	04/21/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Standpipe	05/26/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Standpipe	08/13/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Standpipe	09/16/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Standpipe	11/10/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-28-608 Standpipe	11/23/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-29-114	08/25/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Merphos (µg/L)	Methoxychlor (µg/L)	Methyl parathion (µg/L)	Mirex (µg/L)	Monon-croto-phos (µg/L)	Naled (µg/L)	Parathion (µg/L)	Penta-chloro-phenol (µg/L)	Phorate (µg/L)
AY-68-29-213	03/31/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-29-216	11/05/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
AY-68-29-415	11/05/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
DX-68-16-701	08/27/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
DX-68-22-805	06/23/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
DX-68-22-903	06/24/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
DX-68-23-203	06/24/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
DX-68-23-303	06/24/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
DX-68-23-304	03/04/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<10.2	<0.05
DX-68-23-504	08/18/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
DX-68-30-221	06/23/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
DX-68-30-225	06/23/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-01-805	11/19/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-01-810	11/19/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-01-816	08/19/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-01-8AR	11/19/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-01-8PS	11/19/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-09-101 1	01/27/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-09-101 1	02/25/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-09-101 1	04/21/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-09-101 1	05/26/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-09-101 1	09/16/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-09-101 4	01/27/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-09-101 4	02/25/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-09-101 4	04/21/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-09-101 4	05/26/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-09-101 4	09/16/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-09-106	11/19/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-67-09-1HB	11/17/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Merphos (µg/L)	Methoxychlor (µg/L)	Methyl parathion (µg/L)	Mirex (µg/L)	Monon-croto-phos (µg/L)	Naled (µg/L)	Parathion (µg/L)	Penta-chloro-phenol (µg/L)	Phorate (µg/L)
LR-67-09-1SM	11/19/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-68-16-302	11/19/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
LR-68-16-603	08/19/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
RP-70-45-505	07/30/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
RP-70-45-601	07/30/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
TD-68-33-502	06/10/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
TD-68-41-102	06/16/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
TD-68-41-303	07/15/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
TD-68-41-901	06/16/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
TD-68-42-113	07/28/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
TD-68-42-506	07/14/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
TD-68-42-806	06/30/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
TD-68-49-301	06/30/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
TD-68-49-501	07/14/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
TD-69-38-906	07/29/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
TD-69-39-601	07/29/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
TD-69-47-215	07/28/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
TD-69-47-303	07/15/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
TD-69-47-305	07/28/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
TD-69-55-604	06/10/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
TD-69-63-103	07/29/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
YP-69-33-701	08/12/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
YP-69-35-401	08/12/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
YP-69-43-606	06/09/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
YP-69-45-405	06/17/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
YP-69-50-207	06/17/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05
YP-69-51-114	06/09/09	<0.05	<0.050	<0.05	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Picloram (mg/L)	Ronnel (µg/L)	Simazine (µg/L)	Stirophos (µg/L)	Sulfotepp (µg/L)	2,4,5-T (mg/L)	TEPP (µg/L)	Tokuthion (µg/L)	Total PCBs (µg/L)
AY-68-27-307	04/02/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-27-609	10/20/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-203	08/11/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-205	08/11/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-210	10/20/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-211	09/24/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-315	12/17/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-513	08/11/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-514	08/11/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-517	09/24/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Annular	01/27/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Annular	02/25/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Annular	03/13/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Annular	03/17/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Annular	03/19/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Annular	04/21/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Standpipe	01/27/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Standpipe	02/25/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Standpipe	03/13/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Standpipe	03/17/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Standpipe	03/19/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Standpipe	04/21/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Standpipe	05/26/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Standpipe	08/13/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Standpipe	09/16/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Standpipe	11/10/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-28-608 Standpipe	11/23/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-29-114	08/25/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Picloram (mg/L)	Ronnel (µg/L)	Simazine (µg/L)	Stirophos (µg/L)	Sulfotepp (µg/L)	2,4,5-T (mg/L)	TEPP (µg/L)	Tokuthion (µg/L)	Total PCBs (µg/L)
AY-68-29-213	03/31/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-29-216	11/05/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
AY-68-29-415	11/05/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
DX-68-16-701	08/27/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
DX-68-22-805	06/23/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
DX-68-22-903	06/24/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
DX-68-23-203	06/24/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
DX-68-23-303	06/24/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
DX-68-23-304	03/04/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
DX-68-23-504	08/18/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
DX-68-30-221	06/23/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
DX-68-30-225	06/23/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-01-805	11/19/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-01-810	11/19/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-01-816	08/19/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-01-8AR	11/19/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-01-8PS	11/19/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-09-101 1	01/27/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-09-101 1	02/25/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-09-101 1	04/21/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-09-101 1	05/26/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-09-101 1	09/16/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-09-101 4	01/27/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-09-101 4	02/25/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-09-101 4	04/21/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-09-101 4	05/26/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-09-101 4	09/16/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-09-106	11/19/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-67-09-1HB	11/17/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Picloram (mg/L)	Ronnel (µg/L)	Simazine (µg/L)	Stirophos (µg/L)	Sulfotepp (µg/L)	2,4,5-T (mg/L)	TEPP (µg/L)	Tokuthion (µg/L)	Total PCBs (µg/L)
LR-67-09-1SM	11/19/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-68-16-302	11/19/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
LR-68-16-603	08/19/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
RP-70-45-505	07/30/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
RP-70-45-601	07/30/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
TD-68-33-502	06/10/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
TD-68-41-102	06/16/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
TD-68-41-303	07/15/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
TD-68-41-901	06/16/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
TD-68-42-113	07/28/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
TD-68-42-506	07/14/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
TD-68-42-806	06/30/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
TD-68-49-301	06/30/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
TD-68-49-501	07/14/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
TD-69-38-906	07/29/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
TD-69-39-601	07/29/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
TD-69-47-215	07/28/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
TD-69-47-303	07/15/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
TD-69-47-305	07/28/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
TD-69-55-604	06/10/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
TD-69-63-103	07/29/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
YP-69-33-701	08/12/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
YP-69-35-401	08/12/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
YP-69-43-606	06/09/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
YP-69-45-405	06/17/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
YP-69-50-207	06/17/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00
YP-69-51-114	06/09/09	<0.50	<0.05	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Toxaphene (µg/L)	2,4,5-TP (mg/L)	Trichloronate (µg/L)
AY-68-27-307	04/02/09	<0.050	<0.50	<0.05
AY-68-27-609	10/20/09	<0.050	<0.50	<0.05
AY-68-28-203	08/11/09	<0.050	<0.50	<0.05
AY-68-28-205	08/11/09	<0.050	<0.50	<0.05
AY-68-28-210	10/20/09	<0.050	<0.50	<0.05
AY-68-28-211	09/24/09	<0.050	<0.50	<0.05
AY-68-28-315	12/17/09	<0.050	<0.50	<0.05
AY-68-28-513	08/11/09	<0.050	<0.50	<0.05
AY-68-28-514	08/11/09	<0.050	<0.50	<0.05
AY-68-28-517	09/24/09	<0.050	<0.50	<0.05
AY-68-28-608 Annular	01/27/09	<0.050	<0.50	<0.05
AY-68-28-608 Annular	02/25/09	<0.050	<0.50	<0.05
AY-68-28-608 Annular	03/13/09	<0.050	<0.50	<0.05
AY-68-28-608 Annular	03/17/09	<0.050	<0.50	<0.05
AY-68-28-608 Annular	03/19/09	<0.050	<0.50	<0.05
AY-68-28-608 Annular	04/21/09	<0.050	<0.50	<0.05
AY-68-28-608 Standpipe	01/27/09	<0.050	<0.50	<0.05
AY-68-28-608 Standpipe	02/25/09	<0.050	<0.50	<0.05
AY-68-28-608 Standpipe	03/13/09	<0.050	<0.50	<0.05
AY-68-28-608 Standpipe	03/17/09	<0.050	<0.50	<0.05
AY-68-28-608 Standpipe	03/19/09	<0.050	<0.50	<0.05
AY-68-28-608 Standpipe	04/21/09	<0.050	<0.50	<0.05
AY-68-28-608 Standpipe	05/26/09	<0.050	<0.50	<0.05
AY-68-28-608 Standpipe	08/13/09	<0.050	<0.50	<0.05
AY-68-28-608 Standpipe	09/16/09	<0.050	<0.50	<0.05
AY-68-28-608 Standpipe	11/10/09	<0.050	<0.50	<0.05
AY-68-28-608 Standpipe	11/23/09	<0.050	<0.50	<0.05
AY-68-29-114	08/25/09	<0.050	<0.50	<0.05

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Toxaphene (µg/L)	2,4,5-TP (mg/L)	Trichloronate (µg/L)
AY-68-29-213	03/31/09	<0.050	<0.50	<0.05
AY-68-29-216	11/05/09	<0.050	<0.50	<0.05
AY-68-29-415	11/05/09	<0.050	<0.50	<0.05
DX-68-16-701	08/27/09	<0.050	<0.50	<0.05
DX-68-22-805	06/23/09	<0.050	<0.50	<0.05
DX-68-22-903	06/24/09	<0.050	<0.50	<0.05
DX-68-23-203	06/24/09	<0.050	<0.50	<0.05
DX-68-23-303	06/24/09	<0.050	<0.50	<0.05
DX-68-23-304	03/04/09	<0.050	<0.50	<0.05
DX-68-23-504	08/18/09	<0.050	<0.50	<0.05
DX-68-30-221	06/23/09	<0.050	<0.50	<0.05
DX-68-30-225	06/23/09	<0.050	<0.50	<0.05
LR-67-01-805	11/19/09	<0.050	<0.50	<0.05
LR-67-01-810	11/19/09	<0.050	<0.50	<0.05
LR-67-01-816	08/19/09	<0.050	<0.50	<0.05
LR-67-01-8AR	11/19/09	<0.050	<0.50	<0.05
LR-67-01-8PS	11/19/09	<0.050	<0.50	<0.05
LR-67-09-101 1	01/27/09	<0.050	<0.50	<0.05
LR-67-09-101 1	02/25/09	<0.050	<0.50	<0.05
LR-67-09-101 1	04/21/09	<0.050	<0.50	<0.05
LR-67-09-101 1	05/26/09	<0.050	<0.50	<0.05
LR-67-09-101 1	09/16/09	<0.050	<0.50	<0.05
LR-67-09-101 4	01/27/09	<0.050	<0.50	<0.05
LR-67-09-101 4	02/25/09	<0.050	<0.50	<0.05
LR-67-09-101 4	04/21/09	<0.050	<0.50	<0.05
LR-67-09-101 4	05/26/09	<0.050	<0.50	<0.05
LR-67-09-101 4	09/16/09	<0.050	<0.50	<0.05
LR-67-09-106	11/19/09	<0.050	<0.50	<0.05
LR-67-09-1HB	11/17/09	<0.050	<0.50	<0.05

Table C-5. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Toxaphene (µg/L)	2,4,5-TP (mg/L)	Trichloronate (µg/L)
LR-67-09-1SM	11/19/09	<0.050	<0.50	<0.05
LR-68-16-302	11/19/09	<0.050	<0.50	<0.05
LR-68-16-603	08/19/09	<0.050	<0.50	<0.05
RP-70-45-505	07/30/09	<0.050	<0.50	<0.05
RP-70-45-601	07/30/09	<0.050	<0.50	<0.05
TD-68-33-502	06/10/09	<0.050	<0.50	<0.05
TD-68-41-102	06/16/09	<0.050	<0.50	<0.05
TD-68-41-303	07/15/09	<0.050	<0.50	<0.05
TD-68-41-901	06/16/09	<0.050	<0.50	<0.05
TD-68-42-113	07/28/09	<0.050	<0.50	<0.05
TD-68-42-506	07/14/09	<0.050	<0.50	<0.05
TD-68-42-806	06/30/09	<0.050	<0.50	<0.05
TD-68-49-301	06/30/09	<0.050	<0.50	<0.05
TD-68-49-501	07/14/09	<0.050	<0.50	<0.05
TD-69-38-906	07/29/09	<0.050	<0.50	<0.05
TD-69-39-601	07/29/09	<0.050	<0.50	<0.05
TD-69-47-215	07/28/09	<0.050	<0.50	<0.05
TD-69-47-303	07/15/09	<0.050	<0.50	<0.05
TD-69-47-305	07/28/09	<0.050	<0.50	<0.05
TD-69-55-604	06/10/09	<0.050	<0.50	<0.05
TD-69-63-103	07/29/09	<0.050	<0.50	<0.05
YP-69-33-701	08/12/09	<0.050	<0.50	<0.05
YP-69-35-401	08/12/09	<0.050	<0.50	<0.05
YP-69-43-606	06/09/09	<0.050	<0.50	<0.05
YP-69-45-405	06/17/09	<0.050	<0.50	<0.05
YP-69-50-207	06/17/09	<0.050	<0.50	<0.05
YP-69-51-114	06/09/09	<0.050	<0.50	<0.05

NA = Not Analyzed

Table C-6. Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Acetone (µg/L)	Aceto-nitrile (µg/L)	Acrolein (µg/L)	Acrylon-itrile (µg/L)	Allyl Alcohol (µg/L)	Benzene (µg/L)	Benzyl Chloride (µg/L)	Bromo-acetone (µg/L)	Bromo-benzene (µg/L)
AY-68-27-307	04/02/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-27-5ME	12/15/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-27-5SM	12/15/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-27-5VC	12/15/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-27-5VP	12/15/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-27-609	10/20/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-27-6TW	12/15/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-27-8KL	12/15/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-203	08/11/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-205	08/11/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-210	10/20/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-211	09/24/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-315	12/17/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-513	08/11/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-514	08/11/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-517	09/24/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-608 Annular	01/27/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-608 Annular	02/25/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-608 Annular	03/13/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-608 Annular	03/17/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-608 Annular	03/19/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-608 Annular	04/21/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-608 Standpipe	01/27/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-608 Standpipe	02/25/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-608 Standpipe	03/13/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Acetone (µg/L)	Aceto-nitrile (µg/L)	Acrolein (µg/L)	Acrylon-itrile (µg/L)	Allyl Alcohol (µg/L)	Benzene (µg/L)	Benzyl Chloride (µg/L)	Bromo-acetone (µg/L)	Bromo-benzene (µg/L)
AY-68-28-608 Standpipe	03/17/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-608 Standpipe	03/19/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-608 Standpipe	04/21/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-608 Standpipe	05/26/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-608 Standpipe	08/13/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-608 Standpipe	09/16/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-608 Standpipe	11/10/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-28-608 Standpipe	11/23/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-29-114	08/25/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-29-213	03/31/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-29-216	11/05/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
AY-68-29-415	11/05/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
DX-68-16-701	08/27/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
DX-68-22-805	06/23/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
DX-68-22-903	06/24/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
DX-68-23-203	06/24/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
DX-68-23-303	06/24/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
DX-68-23-304	03/04/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
DX-68-23-504	08/18/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
DX-68-30-221	06/23/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
DX-68-30-225	06/23/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-01-5BL	12/08/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-01-5ST	12/08/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-01-704	12/09/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-01-7SF	12/09/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-01-7SG	12/09/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Acetone (µg/L)	Aceto-nitrile (µg/L)	Acrolein (µg/L)	Acrylon-itrile (µg/L)	Allyl Alcohol (µg/L)	Benzene (µg/L)	Benzyl Chloride (µg/L)	Bromo-acetone (µg/L)	Bromo-benzene (µg/L)
LR-67-01-805	11/19/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-01-810	11/19/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-01-816	08/19/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-01-818	12/07/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-01-8AR	11/19/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-01-8FO	12/08/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-01-8MO	12/07/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-01-8PS	11/19/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-01-9DK	12/07/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-01-9MK	12/07/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-09-101 1	01/27/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-09-101 1	02/25/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-09-101 1	04/21/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-09-101 1	05/26/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-09-101 1	09/16/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-09-101 4	01/27/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-09-101 4	02/25/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-09-101 4	04/21/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-09-101 4	05/26/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-09-101 4	09/16/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-09-105	12/09/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-09-106	12/09/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-09-1AA	11/19/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-09-1HB	11/17/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-67-09-1SM	11/19/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-68-08-902	12/09/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Acetone (µg/L)	Aceto-nitrile (µg/L)	Acrolein (µg/L)	Acrylon-itrile (µg/L)	Allyl Alcohol (µg/L)	Benzene (µg/L)	Benzyl Chloride (µg/L)	Bromo-acetone (µg/L)	Bromo-benzene (µg/L)
LR-68-16-302	11/19/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
LR-68-16-603	08/19/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
RP-70-45-505	07/30/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
RP-70-45-601	07/30/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
TD-68-33-502	06/10/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
TD-68-41-102	06/16/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
TD-68-41-303	07/15/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
TD-68-41-901	06/16/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
TD-68-42-113	07/28/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
TD-68-42-506	07/14/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
TD-68-42-806	06/30/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
TD-68-49-301	06/30/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
TD-68-49-501	07/14/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
TD-69-38-906	07/29/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
TD-69-39-601	07/29/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
TD-69-47-215	07/28/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
TD-69-47-303	07/15/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
TD-69-47-305	07/28/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
TD-69-55-604	06/10/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
TD-69-63-103	07/29/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
YP-69-33-701	08/12/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
YP-69-35-401	08/12/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
YP-69-43-606	06/09/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
YP-69-45-405	06/17/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
YP-69-50-207	06/17/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50
YP-69-51-114	06/09/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Bromo-chloro-methane (µg/L)	Bromo-dichloro-methane (µg/L)	Bromoform (µg/L)	Bromo-methane (µg/L)	2-Butanone (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloral Hydrate (µg/L)	Chloro-benzene (µg/L)
AY-68-27-307	04/02/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-27-5ME	12/15/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-27-5SM	12/15/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-27-5VC	12/15/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-27-5VP	12/15/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-27-609	10/20/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-27-6TW	12/15/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-27-8KL	12/15/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-203	08/11/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-205	08/11/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-210	10/20/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-211	09/24/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-315	12/17/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-513	08/11/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-514	08/11/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-517	09/24/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-608 Annular	01/27/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-608 Annular	02/25/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-608 Annular	03/13/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-608 Annular	03/17/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-608 Annular	03/19/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-608 Annular	04/21/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-608 Standpipe	01/27/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-608 Standpipe	02/25/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-608 Standpipe	03/13/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Bromo-chloro-methane (µg/L)	Bromo-dichloro-methane (µg/L)	Bromoform (µg/L)	Bromo-methane (µg/L)	2-Butanone (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloral Hydrate (µg/L)	Chloro-benzene (µg/L)
AY-68-28-608 Standpipe	03/17/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-608 Standpipe	03/19/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-608 Standpipe	04/21/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-608 Standpipe	05/26/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-608 Standpipe	08/13/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-608 Standpipe	09/16/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-608 Standpipe	11/10/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-28-608 Standpipe	11/23/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-29-114	08/25/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-29-213	03/31/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-29-216	11/05/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
AY-68-29-415	11/05/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
DX-68-16-701	08/27/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
DX-68-22-805	06/23/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
DX-68-22-903	06/24/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
DX-68-23-203	06/24/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
DX-68-23-303	06/24/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
DX-68-23-304	03/04/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
DX-68-23-504	08/18/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
DX-68-30-221	06/23/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
DX-68-30-225	06/23/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-01-5BL	12/08/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-01-5ST	12/08/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-01-704	12/09/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-01-7SF	12/09/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-01-7SG	12/09/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Bromo-chloro-methane (µg/L)	Bromo-dichloro-methane (µg/L)	Bromoform (µg/L)	Bromo-methane (µg/L)	2-Butanone (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloral Hydrate (µg/L)	Chloro-benzene (µg/L)
LR-67-01-805	11/19/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-01-810	11/19/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-01-816	08/19/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-01-818	12/07/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-01-8AR	11/19/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-01-8FO	12/08/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-01-8MO	12/07/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-01-8PS	11/19/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-01-9DK	12/07/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-01-9MK	12/07/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-09-101 1	01/27/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-09-101 1	02/25/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-09-101 1	04/21/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-09-101 1	05/26/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-09-101 1	09/16/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-09-101 4	01/27/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-09-101 4	02/25/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-09-101 4	04/21/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-09-101 4	05/26/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-09-101 4	09/16/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-09-105	12/09/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-09-106	12/09/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-09-1AA	11/19/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-09-1HB	11/17/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-67-09-1SM	11/19/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-68-08-902	12/09/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Bromo-chloro-methane (µg/L)	Bromo-dichloro-methane (µg/L)	Bromoform (µg/L)	Bromo-methane (µg/L)	2-Butanone (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloral Hydrate (µg/L)	Chloro-benzene (µg/L)
LR-68-16-302	11/19/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
LR-68-16-603	08/19/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
RP-70-45-505	07/30/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
RP-70-45-601	07/30/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
TD-68-33-502	06/10/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
TD-68-41-102	06/16/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
TD-68-41-303	07/15/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
TD-68-41-901	06/16/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
TD-68-42-113	07/28/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
TD-68-42-506	07/14/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
TD-68-42-806	06/30/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
TD-68-49-301	06/30/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
TD-68-49-501	07/14/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
TD-69-38-906	07/29/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
TD-69-39-601	07/29/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
TD-69-47-215	07/28/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
TD-69-47-303	07/15/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
TD-69-47-305	07/28/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
TD-69-55-604	06/10/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
TD-69-63-103	07/29/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
YP-69-33-701	08/12/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
YP-69-35-401	08/12/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
YP-69-43-606	06/09/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
YP-69-45-405	06/17/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
YP-69-50-207	06/17/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50
YP-69-51-114	06/09/09	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Chloro-ethane (µg/L)	2-Chloro-ethyl vinyl ether (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	2-Chloro-toluene (µg/L)	4-Chloro-toluene (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	1,2-Dibromo-3-chloro-propane (µg/L)
AY-68-27-307	04/02/09	<1.00	<0.50	<1.00	3.06	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-27-5ME	12/15/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-27-5SM	12/15/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-27-5VC	12/15/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-27-5VP	12/15/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-27-609	10/20/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-27-6TW	12/15/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-27-8KL	12/15/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-203	08/11/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-205	08/11/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-210	10/20/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-211	09/24/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-315	12/17/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-513	08/11/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-514	08/11/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-517	09/24/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-608 Annular	01/27/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-608 Annular	02/25/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-608 Annular	03/13/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-608 Annular	03/17/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-608 Annular	03/19/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-608 Annular	04/21/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-608 Standpipe	01/27/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-608 Standpipe	02/25/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-608 Standpipe	03/13/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Chloro-ethane (µg/L)	2-Chloro-ethyl vinyl ether (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	2-Chloro-toluene (µg/L)	4-Chloro-toluene (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	1,2-Dibromo-3-chloro-propane (µg/L)
AY-68-28-608 Standpipe	03/17/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-608 Standpipe	03/19/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-608 Standpipe	04/21/09	<1.00	<0.50	<1.00	2.59	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-608 Standpipe	05/26/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-608 Standpipe	08/13/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-608 Standpipe	09/16/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-608 Standpipe	11/10/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-28-608 Standpipe	11/23/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-29-114	08/25/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-29-213	03/31/09	<1.00	<0.50	1.88	1.70	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-29-216	11/05/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
AY-68-29-415	11/05/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
DX-68-16-701	08/27/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
DX-68-22-805	06/23/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
DX-68-22-903	06/24/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
DX-68-23-203	06/24/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
DX-68-23-303	06/24/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
DX-68-23-304	03/04/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
DX-68-23-504	08/18/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
DX-68-30-221	06/23/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
DX-68-30-225	06/23/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-01-5BL	12/08/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-01-5ST	12/08/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-01-704	12/09/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-01-7SF	12/09/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-01-7SG	12/09/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Chloro-ethane (µg/L)	2-Chloro-ethyl vinyl ether (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	2-Chloro-toluene (µg/L)	4-Chloro-toluene (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	1,2-Dibromo-3-chloro-propane (µg/L)
LR-67-01-805	11/19/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-01-810	11/19/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-01-816	08/19/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-01-818	12/07/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-01-8AR	11/19/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-01-8FO	12/08/09	<1.00	<0.50	2.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-01-8MO	12/07/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-01-8PS	11/19/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-01-9DK	12/07/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-01-9MK	12/07/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-09-101 1	01/27/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-09-101 1	02/25/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-09-101 1	04/21/09	<1.00	<0.50	<1.00	5.05	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-09-101 1	05/26/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-09-101 1	09/16/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-09-101 4	01/27/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-09-101 4	02/25/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-09-101 4	04/21/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-09-101 4	05/26/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-09-101 4	09/16/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-09-105	12/09/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-09-106	12/09/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-09-1AA	11/19/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-09-1HB	11/17/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-67-09-1SM	11/19/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-68-08-902	12/09/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Chloro-ethane (µg/L)	2-Chloro-ethyl vinyl ether (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	2-Chloro-toluene (µg/L)	4-Chloro-toluene (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	1,2-Dibromo-3-chloro-propane (µg/L)
LR-68-16-302	11/19/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
LR-68-16-603	08/19/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
RP-70-45-505	07/30/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
RP-70-45-601	07/30/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
TD-68-33-502	06/10/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
TD-68-41-102	06/16/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
TD-68-41-303	07/15/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
TD-68-41-901	06/16/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
TD-68-42-113	07/28/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
TD-68-42-506	07/14/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
TD-68-42-806	06/30/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
TD-68-49-301	06/30/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
TD-68-49-501	07/14/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
TD-69-38-906	07/29/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
TD-69-39-601	07/29/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
TD-69-47-215	07/28/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
TD-69-47-303	07/15/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
TD-69-47-305	07/28/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
TD-69-55-604	06/10/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
TD-69-63-103	07/29/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
YP-69-33-701	08/12/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
YP-69-35-401	08/12/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
YP-69-43-606	06/09/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
YP-69-45-405	06/17/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
YP-69-50-207	06/17/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00
YP-69-51-114	06/09/09	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Dibromo-chloro-methane (µg/L)	1,2-Dibromo-ethane (µg/L)	Dibromo-methane (µg/L)	Dichloro-difluorom ethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,1-Dichloro-ethane (µg/L)	1,2-Dichloro-ethane (µg/L)
AY-68-27-307	04/02/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-27-5ME	12/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-27-5SM	12/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-27-5VC	12/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-27-5VP	12/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-27-609	10/20/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-27-6TW	12/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-27-8KL	12/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-203	08/11/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-205	08/11/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-210	10/20/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-211	09/24/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-315	12/17/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-513	08/11/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-514	08/11/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-517	09/24/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	01/27/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	02/25/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	03/13/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	03/17/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	03/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	04/21/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	01/27/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	02/25/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	03/13/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Dibromo-chloro-methane (µg/L)	1,2-Dibromo-ethane (µg/L)	Dibromo-methane (µg/L)	Dichloro-difluorom ethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,1-Dichloro-ethane (µg/L)	1,2-Dichloro-ethane (µg/L)
AY-68-28-608 Standpipe	03/17/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	03/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	04/21/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	05/26/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	08/13/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	09/16/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	11/10/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	11/23/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-29-114	08/25/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-29-213	03/31/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-29-216	11/05/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AY-68-29-415	11/05/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DX-68-16-701	08/27/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DX-68-22-805	06/23/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DX-68-22-903	06/24/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DX-68-23-203	06/24/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DX-68-23-303	06/24/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DX-68-23-304	03/04/09	<0.50	<0.50	<0.50	<0.50	<10.2	<0.50	<0.50	<0.50	<0.50
DX-68-23-504	08/18/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DX-68-30-221	06/23/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DX-68-30-225	06/23/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-01-5BL	12/08/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-01-5ST	12/08/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-01-704	12/09/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-01-7SF	12/09/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-01-7SG	12/09/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Dibromo-chloro-methane (µg/L)	1,2-Dibromo-ethane (µg/L)	Dibromo-methane (µg/L)	Dichloro-difluorom ethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,1-Dichloro-ethane (µg/L)	1,2-Dichloro-ethane (µg/L)
LR-67-01-805	11/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-01-810	11/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-01-816	08/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-01-818	12/07/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-01-8AR	11/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-01-8FO	12/08/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-01-8MO	12/07/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-01-8PS	11/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-01-9DK	12/07/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-01-9MK	12/07/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 1	01/27/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 1	02/25/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 1	04/21/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 1	05/26/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 1	09/16/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 4	01/27/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 4	02/25/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 4	04/21/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 4	05/26/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 4	09/16/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-09-105	12/09/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-09-106	12/09/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-09-1AA	11/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-09-1HB	11/17/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-67-09-1SM	11/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-68-08-902	12/09/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Dibromo-chloro-methane (µg/L)	1,2-Dibromo-ethane (µg/L)	Dibromo-methane (µg/L)	Dichloro-difluorom ethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,1-Dichloro-ethane (µg/L)	1,2-Dichloro-ethane (µg/L)
LR-68-16-302	11/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
LR-68-16-603	08/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
RP-70-45-505	07/30/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
RP-70-45-601	07/30/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TD-68-33-502	06/10/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TD-68-41-102	06/16/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TD-68-41-303	07/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TD-68-41-901	06/16/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TD-68-42-113	07/28/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TD-68-42-506	07/14/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TD-68-42-806	06/30/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TD-68-49-301	06/30/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TD-68-49-501	07/14/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TD-69-38-906	07/29/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TD-69-39-601	07/29/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TD-69-47-215	07/28/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TD-69-47-303	07/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TD-69-47-305	07/28/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TD-69-55-604	06/10/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TD-69-63-103	07/29/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
YP-69-33-701	08/12/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
YP-69-35-401	08/12/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
YP-69-43-606	06/09/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
YP-69-45-405	06/17/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
YP-69-50-207	06/17/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
YP-69-51-114	06/09/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-propane (µg/L)	1,3-Dichloro-propane (µg/L)	2,2-Dichloro-propane (µg/L)	1,1-Dichloro-propene (µg/L)	Ethyl-benzene (µg/L)	1,3-Dichloro-propene (µg/L)	Hexachloro-butadiene (µg/L)	2-Hexanone (µg/L)
AY-68-27-307	04/02/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-27-5ME	12/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-27-5SM	12/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-27-5VC	12/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-27-5VP	12/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-27-609	10/20/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-27-6TW	12/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-27-8KL	12/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-203	08/11/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-205	08/11/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-210	10/20/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-211	09/24/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-315	12/17/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-513	08/11/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-514	08/11/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-517	09/24/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Annular	01/27/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Annular	02/25/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Annular	03/13/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Annular	03/17/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Annular	03/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Annular	04/21/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	01/27/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	02/25/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	03/13/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-propane (µg/L)	1,3-Dichloro-propane (µg/L)	2,2-Dichloro-propane (µg/L)	1,1-Dichloro-propene (µg/L)	Ethyl-benzene (µg/L)	1,3-Dichloro-propene (µg/L)	Hexachloro-butadiene (µg/L)	2-Hexanone (µg/L)
AY-68-28-608 Standpipe	03/17/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	03/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	04/21/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	05/26/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	08/13/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	09/16/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	11/10/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	11/23/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-29-114	08/25/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-29-213	03/31/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-29-216	11/05/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
AY-68-29-415	11/05/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
DX-68-16-701	08/27/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
DX-68-22-805	06/23/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
DX-68-22-903	06/24/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
DX-68-23-203	06/24/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
DX-68-23-303	06/24/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
DX-68-23-304	03/04/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<10.2	<0.50
DX-68-23-504	08/18/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
DX-68-30-221	06/23/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
DX-68-30-225	06/23/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-01-5BL	12/08/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-01-5ST	12/08/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-01-704	12/09/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-01-7SF	12/09/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-01-7SG	12/09/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-propane (µg/L)	1,3-Dichloro-propane (µg/L)	2,2-Dichloro-propane (µg/L)	1,1-Dichloro-propene (µg/L)	Ethyl-benzene (µg/L)	1,3-Dichloro-propene (µg/L)	Hexachloro-butadiene (µg/L)	2-Hexanone (µg/L)
LR-67-01-805	11/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-01-810	11/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-01-816	08/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-01-818	12/07/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-01-8AR	11/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-01-8FO	12/08/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-01-8MO	12/07/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-01-8PS	11/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-01-9DK	12/07/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-01-9MK	12/07/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 1	01/27/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 1	02/25/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 1	04/21/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 1	05/26/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 1	09/16/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 4	01/27/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 4	02/25/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 4	04/21/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 4	05/26/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 4	09/16/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-09-105	12/09/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-09-106	12/09/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-09-1AA	11/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-09-1HB	11/17/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-67-09-1SM	11/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-68-08-902	12/09/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-propane (µg/L)	1,3-Dichloro-propane (µg/L)	2,2-Dichloro-propane (µg/L)	1,1-Dichloro-propene (µg/L)	Ethyl-benzene (µg/L)	1,3-Dichloro-propene (µg/L)	Hexachloro-butadiene (µg/L)	2-Hexanone (µg/L)
LR-68-16-302	11/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
LR-68-16-603	08/19/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
RP-70-45-505	07/30/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
RP-70-45-601	07/30/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
TD-68-33-502	06/10/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
TD-68-41-102	06/16/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
TD-68-41-303	07/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
TD-68-41-901	06/16/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
TD-68-42-113	07/28/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
TD-68-42-506	07/14/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
TD-68-42-806	06/30/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
TD-68-49-301	06/30/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
TD-68-49-501	07/14/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
TD-69-38-906	07/29/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
TD-69-39-601	07/29/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
TD-69-47-215	07/28/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
TD-69-47-303	07/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
TD-69-47-305	07/28/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
TD-69-55-604	06/10/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
TD-69-63-103	07/29/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
YP-69-33-701	08/12/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
YP-69-35-401	08/12/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
YP-69-43-606	06/09/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
YP-69-45-405	06/17/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
YP-69-50-207	06/17/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50
YP-69-51-114	06/09/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Iodo-methane (µg/L)	Isopropyl benzene (µg/L)	4-Iso-propyl-toluene (µg/L)	m,p-Xylene (µg/L)	Methyl tert-butyl ether (µg/L)	4-Methyl-2-pentanone (µg/L)	Methylene Chloride (µg/L)	Naphtha-lene (µg/L)	n-Butanol (µg/L)
AY-68-27-307	04/02/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-27-5ME	12/15/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-27-5SM	12/15/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-27-5VC	12/15/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-27-5VP	12/15/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-27-609	10/20/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-27-6TW	12/15/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-27-8KL	12/15/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-203	08/11/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-205	08/11/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-210	10/20/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-211	09/24/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-315	12/17/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-513	08/11/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-514	08/11/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-517	09/24/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-608 Annular	01/27/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-608 Annular	02/25/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-608 Annular	03/13/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-608 Annular	03/17/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-608 Annular	03/19/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-608 Annular	04/21/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-608 Standpipe	01/27/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-608 Standpipe	02/25/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-608 Standpipe	03/13/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Iodo-methane (µg/L)	Isopropyl benzene- (µg/L)	4-Iso-propyl-toluene (µg/L)	m,p-Xylene (µg/L)	Methyl tert-butyl ether (µg/L)	4-Methyl-2-pentanone (µg/L)	Methylene Chloride (µg/L)	Naphtha-lene (µg/L)	n-Butanol (µg/L)
AY-68-28-608 Standpipe	03/17/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-608 Standpipe	03/19/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-608 Standpipe	04/21/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-608 Standpipe	05/26/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-608 Standpipe	08/13/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-608 Standpipe	09/16/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-608 Standpipe	11/10/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-28-608 Standpipe	11/23/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-29-114	08/25/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-29-213	03/31/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-29-216	11/05/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
AY-68-29-415	11/05/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
DX-68-16-701	08/27/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
DX-68-22-805	06/23/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
DX-68-22-903	06/24/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
DX-68-23-203	06/24/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
DX-68-23-303	06/24/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
DX-68-23-304	03/04/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<10.2	<1.00
DX-68-23-504	08/18/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
DX-68-30-221	06/23/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
DX-68-30-225	06/23/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-01-5BL	12/08/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-01-5ST	12/08/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-01-704	12/09/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-01-7SF	12/09/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-01-7SG	12/09/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Iodo-methane (µg/L)	Isopropyl benzene- (µg/L)	4-Iso-propyl-toluene (µg/L)	m,p-Xylene (µg/L)	Methyl tert-butyl ether (µg/L)	4-Methyl-2-pentanone (µg/L)	Methylene Chloride (µg/L)	Naphtha-lene (µg/L)	n-Butanol (µg/L)
LR-67-01-805	11/19/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-01-810	11/19/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-01-816	08/19/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-01-818	12/07/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-01-8AR	11/19/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-01-8FO	12/08/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-01-8MO	12/07/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-01-8PS	11/19/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-01-9DK	12/07/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-01-9MK	12/07/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-09-101 1	01/27/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-09-101 1	02/25/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-09-101 1	04/21/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-09-101 1	05/26/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-09-101 1	09/16/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-09-101 4	01/27/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-09-101 4	02/25/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-09-101 4	04/21/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-09-101 4	05/26/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-09-101 4	09/16/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-09-105	12/09/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-09-106	12/09/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-09-1AA	11/19/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-09-1HB	11/17/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-67-09-1SM	11/19/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-68-08-902	12/09/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Iodo-methane (µg/L)	Isopropyl-benzene (µg/L)	4-Iso-propyl-toluene (µg/L)	m,p-Xylene (µg/L)	Methyl tert-butyl ether (µg/L)	4-Methyl-2-pentanone (µg/L)	Methylene Chloride (µg/L)	Naphtha-lene (µg/L)	n-Butanol (µg/L)
LR-68-16-302	11/19/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
LR-68-16-603	08/19/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
RP-70-45-505	07/30/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
RP-70-45-601	07/30/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
TD-68-33-502	06/10/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
TD-68-41-102	06/16/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
TD-68-41-303	07/15/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
TD-68-41-901	06/16/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
TD-68-42-113	07/28/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
TD-68-42-506	07/14/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
TD-68-42-806	06/30/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
TD-68-49-301	06/30/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
TD-68-49-501	07/14/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
TD-69-38-906	07/29/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
TD-69-39-601	07/29/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
TD-69-47-215	07/28/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
TD-69-47-303	07/15/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
TD-69-47-305	07/28/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
TD-69-55-604	06/10/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
TD-69-63-103	07/29/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
YP-69-33-701	08/12/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
YP-69-35-401	08/12/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
YP-69-43-606	06/09/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
YP-69-45-405	06/17/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
YP-69-50-207	06/17/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00
YP-69-51-114	06/09/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	n-Butyl-benzene (µg/L)	n-Propyl-benzene (µg/L)	o-Xylene (µg/L)	sec-Butyl-benzene (µg/L)	Styrene (µg/L)	tert-Butyl-benzene (µg/L)	1,2,4,5-Tetra-chloro-benzene (µg/L)	1,1,1,2-Tetra-chloro-ethane (µg/L)	1,1,2,2-Tetra-chloro-ethane (µg/L)
AY-68-27-307	04/02/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-27-5ME	12/15/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-27-5SM	12/15/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-27-5VC	12/15/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-27-5VP	12/15/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-27-609	10/20/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-27-6TW	12/15/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-27-8KL	12/15/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-203	08/11/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-205	08/11/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-210	10/20/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-211	09/24/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-315	12/17/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-513	08/11/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-514	08/11/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-517	09/24/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Annular	01/27/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Annular	02/25/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Annular	03/13/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Annular	03/17/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Annular	03/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Annular	04/21/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	01/27/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	02/25/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	03/13/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	n-Butyl-benzene (µg/L)	n-Propyl-benzene (µg/L)	o-Xylene (µg/L)	sec-Butyl-benzene (µg/L)	Styrene (µg/L)	tert-Butyl-benzene (µg/L)	1,2,4,5-Tetra-chloro-benzene (µg/L)	1,1,1,2-Tetra-chloro-ethane (µg/L)	1,1,2,2-Tetra-chloro-ethane (µg/L)
AY-68-28-608 Standpipe	03/17/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	03/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	04/21/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	05/26/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	08/13/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	09/16/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	11/10/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-28-608 Standpipe	11/23/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-29-114	08/25/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-29-213	03/31/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-29-216	11/05/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
AY-68-29-415	11/05/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
DX-68-16-701	08/27/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
DX-68-22-805	06/23/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
DX-68-22-903	06/24/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
DX-68-23-203	06/24/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
DX-68-23-303	06/24/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
DX-68-23-304	03/04/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
DX-68-23-504	08/18/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
DX-68-30-221	06/23/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
DX-68-30-225	06/23/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-01-5BL	12/08/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-01-5ST	12/08/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-01-704	12/09/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-01-7SF	12/09/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-01-7SG	12/09/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	n-Butyl-benzene (µg/L)	n-Propyl-benzene (µg/L)	o-Xylene (µg/L)	sec-Butyl-benzene (µg/L)	Styrene (µg/L)	tert-Butyl-benzene (µg/L)	1,2,4,5-Tetra-chloro-benzene (µg/L)	1,1,1,2-Tetra-chloro-ethane (µg/L)	1,1,2,2-Tetra-chloro-ethane (µg/L)
LR-67-01-805	11/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-01-810	11/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-01-816	08/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-01-818	12/07/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-01-8AR	11/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-01-8FO	12/08/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-01-8MO	12/07/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-01-8PS	11/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-01-9DK	12/07/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-01-9MK	12/07/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 1	01/27/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 1	02/25/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 1	04/21/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 1	05/26/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 1	09/16/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 4	01/27/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 4	02/25/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 4	04/21/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 4	05/26/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-09-101 4	09/16/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-09-105	12/09/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-09-106	12/09/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-09-1AA	11/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-09-1HB	11/17/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-67-09-1SM	11/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-68-08-902	12/09/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	n-Butyl-benzene (µg/L)	n-Propyl-benzene (µg/L)	o-Xylene (µg/L)	sec-Butyl-benzene (µg/L)	Styrene (µg/L)	tert-Butyl-benzene (µg/L)	1,2,4,5-Tetra-chloro-benzene (µg/L)	1,1,1,2-Tetra-chloro-ethane (µg/L)	1,1,2,2-Tetra-chloro-ethane (µg/L)
LR-68-16-302	11/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
LR-68-16-603	08/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
RP-70-45-505	07/30/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
RP-70-45-601	07/30/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
TD-68-33-502	06/10/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
TD-68-41-102	06/16/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
TD-68-41-303	07/15/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
TD-68-41-901	06/16/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
TD-68-42-113	07/28/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
TD-68-42-506	07/14/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
TD-68-42-806	06/30/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
TD-68-49-301	06/30/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
TD-68-49-501	07/14/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
TD-69-38-906	07/29/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
TD-69-39-601	07/29/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
TD-69-47-215	07/28/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
TD-69-47-303	07/15/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
TD-69-47-305	07/28/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
TD-69-55-604	06/10/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
TD-69-63-103	07/29/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
YP-69-33-701	08/12/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
YP-69-35-401	08/12/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
YP-69-43-606	06/09/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
YP-69-45-405	06/17/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
YP-69-50-207	06/17/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50
YP-69-51-114	06/09/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Tetra-chloro-ethene (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)	trans-1,3-Dichloro-propene (µg/L)	1,2,3-Trichloro-benzene (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,1,1-Trichloro-ethane (µg/L)	1,1,2-Trichloro-ethane (µg/L)	Trichloro-ethene (µg/L)
AY-68-27-307	04/02/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-27-5ME	12/15/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-27-5SM	12/15/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-27-5VC	12/15/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-27-5VP	12/15/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-27-609	10/20/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-27-6TW	12/15/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-27-8KL	12/15/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-203	08/11/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-205	08/11/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-210	10/20/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-211	09/24/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-315	12/17/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-513	08/11/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-514	08/11/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-517	09/24/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	01/27/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	02/25/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	03/13/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	03/17/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	03/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	04/21/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	01/27/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	02/25/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	03/13/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Tetra-chloro-ethene (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)	trans-1,3-Dichloro-propene (µg/L)	1,2,3-Trichloro-benzene (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,1,1-Trichloro-ethane (µg/L)	1,1,2-Trichloro-ethane (µg/L)	Trichloro-ethene (µg/L)
AY-68-28-608 Standpipe	03/17/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	03/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	04/21/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	05/26/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	08/13/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	09/16/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	11/10/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	11/23/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-29-114	08/25/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-29-213	03/31/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-29-216	11/05/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-29-415	11/05/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-16-701	08/27/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-22-805	06/23/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-22-903	06/24/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-23-203	06/24/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-23-303	06/24/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-23-304	03/04/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-23-504	08/18/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-30-221	06/23/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-30-225	06/23/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-5BL	12/08/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-5ST	12/08/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-704	12/09/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-7SF	12/09/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-7SG	12/09/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Tetra-chloro-ethene (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)	trans-1,3-Dichloro-propene (µg/L)	1,2,3-Trichloro-benzene (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,1,1-Trichloro-ethane (µg/L)	1,1,2-Trichloro-ethane (µg/L)	Trichloro-ethene (µg/L)
LR-67-01-805	11/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-810	11/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-816	08/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-818	12/07/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-8AR	11/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-8FO	12/08/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-8MO	12/07/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-8PS	11/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-9DK	12/07/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-9MK	12/07/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 1	01/27/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 1	02/25/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 1	04/21/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 1	05/26/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 1	09/16/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 4	01/27/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 4	02/25/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 4	04/21/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 4	05/26/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 4	09/16/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-105	12/09/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-106	12/09/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-1AA	11/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-1HB	11/17/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-1SM	11/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-68-08-902	12/09/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Tetra-chloro-ethene (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)	trans-1,3-Dichloro-propene (µg/L)	1,2,3-Trichloro-benzene (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,1,1-Trichloro-ethane (µg/L)	1,1,2-Trichloro-ethane (µg/L)	Trichloro-ethene (µg/L)
LR-68-16-302	11/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-68-16-603	08/19/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
RP-70-45-505	07/30/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
RP-70-45-601	07/30/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-33-502	06/10/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-41-102	06/16/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-41-303	07/15/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-41-901	06/16/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-42-113	07/28/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-42-506	07/14/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-42-806	06/30/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-49-301	06/30/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-49-501	07/14/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-69-38-906	07/29/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-69-39-601	07/29/09	<0.50	22.5	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-69-47-215	07/28/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-69-47-303	07/15/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-69-47-305	07/28/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-69-55-604	06/10/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-69-63-103	07/29/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
YP-69-33-701	08/12/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
YP-69-35-401	08/12/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
YP-69-43-606	06/09/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
YP-69-45-405	06/17/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
YP-69-50-207	06/17/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
YP-69-51-114	06/09/09	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Trichloro-fluoro-methane (µg/L)	1,2,3-Trichloro-propane (µg/L)	1,2,4-Trimethyl-benzene (µg/L)	1,3,5-Trimethyl-benzene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)
AY-68-27-307	04/02/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-27-5ME	12/15/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-27-5SM	12/15/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-27-5VC	12/15/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-27-5VP	12/15/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-27-609	10/20/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-27-6TW	12/15/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-27-8KL	12/15/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-203	08/11/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-205	08/11/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-210	10/20/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-211	09/24/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-315	12/17/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-513	08/11/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-514	08/11/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-517	09/24/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	01/27/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	02/25/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	03/13/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	03/17/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	03/19/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Annular	04/21/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	01/27/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	02/25/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	03/13/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Trichloro-fluoro-methane (µg/L)	1,2,3-Trichloro-propane (µg/L)	1,2,4-Trimethyl-benzene (µg/L)	1,3,5-Trimethyl-benzene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)
AY-68-28-608 Standpipe	03/17/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	03/19/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	04/21/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	05/26/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	08/13/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	09/16/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	11/10/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-28-608 Standpipe	11/23/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-29-114	08/25/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-29-213	03/31/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-29-216	11/05/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
AY-68-29-415	11/05/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-16-701	08/27/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-22-805	06/23/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-22-903	06/24/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-23-203	06/24/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-23-303	06/24/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-23-304	03/04/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-23-504	08/18/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-30-221	06/23/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
DX-68-30-225	06/23/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-5BL	12/08/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-5ST	12/08/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-704	12/09/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-7SF	12/09/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-7SG	12/09/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Trichloro-fluoro-methane (µg/L)	1,2,3-Trichloro-propane (µg/L)	1,2,4-Trimethyl-benzene (µg/L)	1,3,5-Trimethyl-benzene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)
LR-67-01-805	11/19/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-810	11/19/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-816	08/19/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-818	12/07/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-8AR	11/19/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-8FO	12/08/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-8MO	12/07/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-8PS	11/19/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-9DK	12/07/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-01-9MK	12/07/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 1	01/27/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 1	02/25/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 1	04/21/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 1	05/26/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 1	09/16/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 4	01/27/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 4	02/25/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 4	04/21/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 4	05/26/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-101 4	09/16/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-105	12/09/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-106	12/09/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-1AA	11/19/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-1HB	11/17/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-67-09-1SM	11/19/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-68-08-902	12/09/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50

Table C-6. (cont.) Analytical data for volatile organic compounds (VOC) from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Trichloro-fluoro-methane (µg/L)	1,2,3-Trichloro-propane (µg/L)	1,2,4-Trimethyl-benzene (µg/L)	1,3,5-Trimethyl-benzene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)
LR-68-16-302	11/19/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
LR-68-16-603	08/19/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
RP-70-45-505	07/30/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
RP-70-45-601	07/30/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-33-502	06/10/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-41-102	06/16/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-41-303	07/15/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-41-901	06/16/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-42-113	07/28/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-42-506	07/14/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-42-806	06/30/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-49-301	06/30/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-68-49-501	07/14/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-69-38-906	07/29/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-69-39-601	07/29/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-69-47-215	07/28/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-69-47-303	07/15/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-69-47-305	07/28/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-69-55-604	06/10/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
TD-69-63-103	07/29/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
YP-69-33-701	08/12/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
YP-69-35-401	08/12/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
YP-69-43-606	06/09/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
YP-69-45-405	06/17/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
YP-69-50-207	06/17/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
YP-69-51-114	06/09/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50

NA = Not Analyzed

Table C-7. Analytical data for semivolatile (SVOC) organic compounds from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Acena-phthene (µg/L)	Acena-phthylene (µg/L)	Aniline (µg/L)	Anthra-cene (µg/L)	Azo-benzene (µg/L)	Benzidine (µg/L)	Benzo(a)-anthracene (µg/L)	Benzo(a)-pyrene (µg/L)	Benzo(b)-fluoranthene (µg/L)
DX-68-23-304	03/04/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2

Station Name	Date Sampled	Benzo(g,h,l)-perylene (µg/L)	Benzo(k)-fluoranthene (µg/L)	Benzoic acid (µg/L)	Benzyl Alcohol (µg/L)	bis(2-chloro-ethoxy)-methane (µg/L)	bis(2-chloro-ethyl)ether (µg/L)	bis(2-chloro-isopropyl) ether (µg/L)	bis(2-ethyl-hexyl)-adipate (µg/L)	bis(2-ethyl-hexyl)-phthalate (µg/L)
DX-68-23-304	03/04/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2

Station Name	Date Sampled	4-Bromo-phenyl phenyl ether (µg/L)	Butyl benzyl phthalate (µg/L)	4-Chloro-3-methyl-phenol (µg/L)	4-Chloro-aniline (µg/L)	2-Chloro-naphtha-lene (µg/L)	2-Chloro-phenol (µg/L)	4-Chloro-phenyl phenyl ether (µg/L)	Chrysene (µg/L)	Cresols (total) (µg/L)
DX-68-23-304	03/04/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2

Station Name	Date Sampled	Dibenz(a,h)-anthracene (µg/L)	Dibenz(a,j)-acridine (µg/L)	Dibenzo-furan (µg/L)	3,3'-Dichloro-benzidine (µg/L)	2,4-Dichloro-phenol (µg/L)	2,6-Dichloro-phenol (µg/L)	Diethyl phthalate (µg/L)	Dimethyl phthalate (µg/L)	2,4-Dimethyl-phenol (µg/L)
DX-68-23-304	03/04/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2

Table C-7. (cont.) Analytical data for semivolatile (SVOC) organic compounds from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Di-n-butyl phthalate (µg/L)	4,6-Dinitro-2-methyl-phenol (µg/L)	2,4-Dinitro-phenol (µg/L)	2,4-Dinitro-toluene (µg/L)	2,6-Dinitro-toluene (µg/L)	Di-n-octyl phthalate (µg/L)	Fluoran-thene (µg/L)	Fluorene (µg/L)	Hexachloro-benzene (µg/L)
DX-68-23-304	03/04/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2

Table C-7. (cont.) Analytical data for semivolatile (SVOC) organic compounds from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Hexachlorocyclopentadiene (µg/L)	Hexachloro-ethane (µg/L)	Indeno(1,2,3-cd)-pyrene (µg/L)	Isophorone (µg/L)	2-Methyl-naphthalene (µg/L)	2-Methyl-phenol (µg/L)	4-Methyl-phenol (µg/L)	2-Nitro-aniline (µg/L)	3-Nitro-aniline (µg/L)
DX-68-23-304	03/04/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2

Table C-7. (cont.) Analytical data for semivolatile (SVOC) organic compounds from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	4-Nitro-aniline (µg/L)	Nitro-benzene (µg/L)	2-Nitro-phenol (µg/L)	4-Nitro-phenol (µg/L)	n-Nitroso-diethyl-amine (µg/L)	n-Nitrosodi-methyl-amine (µg/L)	n-Nitroso-di-n-propyl-amine (µg/L)	n-Nitrosodi-phenyl-amine (µg/L)	Penta-chloro-benzene (µg/L)
DX-68-23-304	03/04/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2

Table C-7. (cont.) Analytical data for semivolatile (SVOC) organic compounds from wells completed in the Edwards Aquifer, 2009

Station Name	Date Sampled	Phenan-threne (ug/l)	Phenol (ug/l)	Pyrene (ug/l)	Pyridine (ug/l)	2,4,5-Trichloro-phenol (ug/l)	2,4,6-Trichloro-phenol (ug/l)
DX-68-23-304	03/04/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2

NA = Not Analyzed

Table C-8. Field measurements, bacteria counts, and dissolved oxygen in water samples from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Time Sampled	Water Temp (deg C)	Field conductivity (µg/L)	Field pH (std units)	Field Alkalinity (mg/L)	Turbidity (NTU)	Fecal Coliform (colonies/ 100ml)	Fecal Strep (colonies/ 100ml)	E. Coli (colonies/ 100mL)	Field Dissolved Oxygen (mg/L)	Dissolved Ortho Phosphate
Lorence Creek	10/22/09	11:15	22.60	136.9	6.98	79	9.49	15000	26000	NA	NA	NA
Lorence Creek 1	10/26/09	10:00	17.60	90.2	6.00	63	26.3	12000	79000	NA	NA	NA
Lorence Creek 2	10/26/09	14:00	16.10	106.9	6.82	53	24.1	8200	58000	NA	NA	NA
San Pedro Springs	03/05/09	8:45	NA	NA	NA	215	NA	28	31	NA	NA	<0.02
San Pedro Springs	11/04/09	11:20	24.10	511	7.69	214	0.9	16	15	NA	NA	<0.02
San Pedro Springs	12/01/09	9:05	22.40	NA	7.77	NA	0.76	<1	5	NA	NA	<0.02
SGCR-Point A	10/05/09	10:30	23.80	830	6.75	200	1.68	15	120	15	NA	NA
SGCR-Point B	10/05/09	11:15	NA	NA	NA	202	NA	130	150	80	NA	NA
SGCR-Point C	10/05/09	11:45	NA	NA	NA	181	NA	12	140	12	NA	NA
Comal Springs #3	03/02/09	12:55	23.40	469	7.32	240	0.63	<1	<1	NA	NA	<0.02
Comal Springs #3	06/01/09	10:10	23.60	561	7.15	247	0.61	<1	<1	NA	NA	<0.02
Comal Springs #3	07/06/09	8:50	22.60	557	7.00	250	0.69	<1	5	NA	NA	<0.02
Comal Springs #3	08/04/09	10:00	23.60	556	6.99	242	0.48	23	8	NA	NA	<0.02
Comal Springs #3	09/02/09	9:45	23.80	552	6.91	236	0.29	4	10	NA	NA	<0.02
Comal Springs #3	10/01/09	12:00	23.70	556	6.78	249	0.51	2	2	NA	NA	<0.02
Comal Springs #3	11/03/09	10:55	23.60	555	7.18	254	0.7	2	2	NA	NA	<0.02
Comal Springs #3	12/02/09	10:50	22.60	NA	7.73	NA	0.05	16	2	NA	NA	0.02
Comal Springs #7	03/03/09	12:10	23.90	NA	7.27	248	0.68	<1	<1	NA	NA	<0.02
Comal Springs #7	06/03/09	10:15	23.80	561	7.15	260	0.34	<1	<1	NA	NA	<0.02
Comal Springs #7	07/07/09	11:05	23.80	555	7.04	254	0.75	<1	<1	NA	NA	<0.02
Comal Springs #7	08/05/09	10:45	23.80	560	6.97	258	0.72	<1	<1	NA	NA	<0.02
Comal Springs #7	09/02/09	9:20	24.30	553	7.13	251	0.39	<1	<1	NA	NA	<0.02
Comal Springs #7	10/01/09	11:35	23.90	558	6.82	274	0.5	<1	<1	NA	NA	<0.02
Comal Springs #7	11/03/09	10:25	23.70	559	7.09	261	0.53	<1	<1	NA	NA	<0.02
Comal Springs #7	12/02/09	10:20	22.80	NA	7.70	NA	0.87	2	2	NA	NA	<0.02
DX-68-15-901	03/03/09	10:55	20.30	NA	7.17	265	0.42	9	4	NA	NA	<0.02
DX-68-15-901	06/03/09	9:20	22.40	567	7.01	250	0.6	6	28	NA	NA	<0.02
DX-68-15-901	07/07/09	9:45	23.30	524	7.01	254	0.63	14	27	NA	NA	0.047
DX-68-15-901	08/04/09	9:25	24.00	570	6.87	261	0.66	1700	5	NA	NA	<0.02
DX-68-15-901	09/01/09	10:00	24.10	556	6.68	252	0.43	<1	2	NA	NA	<0.02
DX-68-15-901	10/01/09	10:40	23.30	562	6.79	259	1.61	4	9	NA	NA	<0.02
DX-68-15-901	11/03/09	8:45	21.90	592	6.74	266	9.07	78	69	NA	NA	<0.02
DX-68-15-901	12/01/09	10:35	20.90	NA	7.65	NA	5.75	66	68	NA	NA	0.027
DX-68-23-301	03/03/09	11:35	23.20	NA	7.23	260	NA	<1	<1	NA	NA	<0.02
DX-68-23-301	06/01/09	9:50	23.20	565	7.14	250	0.3	2	2	NA	NA	<0.02
DX-68-23-301	07/07/09	10:20	23.60	556	6.95	255	0.45	<1	<1	NA	NA	<0.02
DX-68-23-301	08/05/09	10:05	23.40	559	6.89	251	0.42	<1	6	NA	NA	<0.02
DX-68-23-301	09/01/09	10:05	23.40	559	6.80	236	0.38	<1	<1	NA	NA	<0.02
DX-68-23-301	10/12/09	13:25	23.20	559	6.38	NA	0.84	NA	NA	NA	NA	NA
DX-68-23-301	11/02/09	9:10	23.20	559	6.56	250	1.02	<1	<1	NA	NA	<0.02
DX-68-23-301	11/30/09	8:55	23.00	NA	7.58	239	0.72	<1	<1	NA	NA	<0.02
Hueco Springs B	11/03/09	9:15	21.70	593	6.85	269	8.8	87	420	NA	NA	<0.02
Hueco Springs B	12/01/09	10:55	20.50	NA	7.77	NA	5.65	74	78	NA	NA	0.033
LR-67-01-801	03/02/09	10:05	21.90	507	7.20	271	0.37	16	<1	NA	NA	0.02
LR-67-01-801	06/02/09	9:35	22.20	608	7.02	290	0.32	7	<1	NA	NA	<0.02
LR-67-01-801	07/06/09	11:20	22.60	595	6.98	288	0.89	NA	NA	NA	NA	<0.02
LR-67-01-801	08/03/09	9:10	22.10	605	6.90	288	0.46	<1	<1	NA	NA	<0.02
LR-67-01-801	08/31/09	9:05	22.10	519	6.72	277	0.42	25	26	NA	NA	<0.02
LR-67-01-819	09/17/09	10:30	23.50	616	7.07	276	0.3	<1	<1	NA	NA	<0.02
LR-67-01-801	09/29/09	10:25	21.90	605	6.75	268	0.82	4	4	NA	NA	<0.02
LR-67-01-801	11/02/09	11:20	21.80	582	7.01	278	0.59	<1	<1	NA	NA	<0.02
LR-67-01-801	11/30/09	10:10	21.60	NA	7.60	259	0.51	<1	2	NA	NA	<0.02
LR-67-01-819	06/02/09	10:25	23.60	640	7.05	271	0.39	<1	<1	NA	NA	<0.02
LR-67-01-819	07/06/09	10:50	27.60	539	6.94	296	0.2	NA	NA	NA	NA	<0.02
LR-67-01-819	08/03/09	10:40	24.60	601	6.90	282	0.2	<1	2	NA	NA	<0.02
LR-67-01-819	09/29/09	10:00	21.70	634	6.95	298	0.27	<1	<1	NA	NA	<0.02
LR-67-01-819	11/02/09	10:50	22.02	612	7.12	280	0.77	<1	<1	NA	NA	<0.02
LR-67-01-819	12/08/09	10:45	NA	NA	7.84	NA	1.44	<1	<1	NA	NA	<0.02
RP-70-45-505	07/30/09	8:40	24.00	437	6.96	217	0.74	63	88	NA	NA	NA
Medina River	05/08/09	10:50	26.50	569	7.95	182	0.25	80	78	NA	NA	NA
Medina River	10/09/09	11:25	23.80	432	NA	NA	13.7	2100	6700	NA	NA	NA
Blanco River @ Wimberley	05/04/09	10:25	22.80	419	8.14	208	0.71	280	450	NA	NA	NA
Blanco River @ Wimberley	10/05/09	10:10	23.10	NA	7.77	214	NA	1200	1800	NA	NA	NA
Hondo Creek	05/07/09	9:30	25.80	508	7.92	137	0.91	86	180	NA	NA	NA
Hondo Creek	10/08/09	9:55	25.30	497	NA	NA	NA	290	850	NA	NA	NA
Seco Creek	05/06/09	13:35	36.00	420	8.56	NA	0.96	NA	NA	NA	NA	NA
Seco Creek	10/07/09	14:30	30.10	439	NA	NA	1.52	NA	NA	NA	NA	NA
Dry Frio @ Reagan Wells	05/06/09	9:00	22.70	387	8.03	NA	0.49	110	110	NA	NA	NA
Dry Frio @ Reagan Wells	10/07/09	8:45	24.80	424	NA	NA	0.96	90	360	NA	NA	NA
Frio @ Concan	05/06/09	9:40	25.00	396	8.14	NA	0.58	46	40	NA	NA	NA
Frio @ Concan	10/07/09	9:15	25.80	439	NA	NA	1.2	190	140	NA	NA	NA
Nueces River @ Laguna	05/05/09	11:15	23.30	384	7.98	NA	0.4	NA	NA	NA	NA	NA
Nueces River @ Laguna	10/07/09	14:20	27.30	427	NA	204	0.6	NA	NA	NA	NA	NA
Sabinal River near Sabinal	05/06/09	10:35	22.80	444	7.78	NA	0.93	56	80	NA	NA	NA
Sabinal River near Sabinal	10/07/09	10:35	26.00	439	NA	NA	7.59	180	47	NA	NA	NA

Table C-9. Analytical data for major ions from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Calcium (mg/L)	Sodium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Silica (µg/L)	Total Dissolved Solids (mg/L)
Lorence Creek	10/22/09	24.0	1.78	1.01	2.55	1.62	3.18	<0.50	7.03	148
Lorence Creek	10/22/09	NA	NA	NA	NA	NA	NA	NA	NA	172
Lorence Creek	10/26/09	15.6	0.934	0.592	1.56	1.01	2.68	<0.50	3.89	280
Lorence Creek	10/26/09	NA	NA	NA	NA	NA	NA	NA	NA	320
Lorence Creek	10/26/09	19.4	1.39	0.839	2.09	1.27	2.67	<0.50	5.90	94.0
Lorence Creek	10/26/09	NA	NA	NA	NA	NA	NA	NA	NA	90.0
San Pedro Springs	03/05/09	73.2	8.48	15.5	2.13	19.3	21.6	<0.50	12.6	356
San Pedro Springs	11/04/09	71.1	10.8	15.3	1.14	17.7	19.0	0.065J	13.0	272
San Pedro Springs	12/01/09	66.8	9.75	13.7	1.03	17.9	18.5	0.035J	11.6	376
Comal Springs #3	03/02/09	88.8	9.92	17.3	1.87	15.2	24.0	<0.50	13.1	842
Comal Springs #3	06/01/09	77.6	9.82	15.5	1.30	16.2	25.9	0.36J	12.0	300
Comal Springs #3	07/06/09	85.5	10.4	16.5	1.43	15.8	23.3	<0.50	12.8	408
Comal Springs #3	08/04/09	89.6	10.8	17.5	1.46	18.1	29.2	0.858	13.6	504
Comal Springs #3	09/02/09	82.0	10.5	16.6	1.39	16.0	25.3	0.10J	12.7	280
Comal Springs #3	10/01/09	79.7	10.4	16.4	1.33	17.1	26.1	0.097J	12.7	432
Comal Springs #3	11/03/09	79.7	10.3	16.2	1.41	15.6	23.7	0.098J	12.6	280
Comal Springs #3	12/02/09	76.6	9.55	14.9	1.21	15.3	23.8	0.036J	11.6	320
Comal Springs #7	03/03/09	84.3	9.87	16.9	2.07	16.2	25.7	<0.50	12.6	692
Comal Springs #7	06/03/09	76.3	10.1	15.8	1.31	16.8	25.9	0.33J	12.0	515
Comal Springs #7	07/07/09	82.2	10.6	16.6	1.32	16.1	26.7	<0.50	12.7	358
Comal Springs #7	08/05/09	86.7	11.0	17.7	1.49	19.2	29.4	0.874	13.5	360

Table C-9. (cont.) Analytical data for major ions from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Calcium (mg/L)	Sodium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Silica (µg/L)	Total Dissolved Solids (mg/L)
Comal Springs #7	09/02/09	81.4	10.8	16.9	1.36	17.2	25.2	0.11J	12.8	318
Comal Springs #7	10/01/09	80.1	10.8	16.9	1.44	17.9	26.1	0.10J	12.9	446
Comal Springs #7	11/03/09	80.2	10.6	16.7	1.38	16.1	23.8	0.088J	12.8	280
Comal Springs #7	12/02/09	75.9	9.66	15.0	1.19	15.8	23.4	0.066J	11.5	328
Comal Springs#1 (DX-68-23-301)	03/02/09	86.2	9.05	16.2	2.01	14.5	26.0	<0.50	12.3	818
Comal Springs#1 (DX-68-23-301)	06/01/09	81.3	9.85	15.8	1.34	15.3	25.8	0.35J	12.4	370
Comal Springs#1 (DX-68-23-301)	07/07/09	84.9	10.2	16.5	1.35	15.6	26.6	<0.50	12.8	354
Comal Springs#1 (DX-68-23-301)	08/05/09	*85.6	*10.7	*17.1	*1.2	*16.3	*24.9	*0.21	*12.3	*318
Comal Springs#1 (DX-68-23-301)	09/01/09	82.7	10.4	16.5	1.37	14.2	23.1	0.083J	12.7	398
Comal Springs#1 (DX-68-23-301)	10/12/09	85.1	9.82	16.0	1.37	15.2	28.1	0.093J	12.7	604
Comal Springs#1 (DX-68-23-301)	11/02/09	81.2	9.87	15.9	1.30	14.9	23.9	0.074J	12.5	332
Comal Springs#1 (DX-68-23-301)	11/30/09	76.6	9.23	14.5	1.19	15.2	24.3	0.066J	11.4	308
Hueco Springs A (DX-68-15-901)	03/03/09	87.8	9.94	19.8	2.01	14.9	33.5	<0.50	10.3	884
Hueco Springs A (DX-68-15-901)	06/03/09	74.0	11.1	18.2	1.58	17.2	34.4	0.36J	11.9	560
Hueco Springs A (DX-68-15-901)	07/07/09	77.9	11.8	19.2	1.71	17.0	31.3	0.31J	13.7	334
Hueco Springs A (DX-68-15-901)	08/04/09	*81.1	*12.3	*20.7	*1.5	*17.7	*32.3	*0.27	*14.7	*325
Hueco Springs A (DX-68-15-901)	09/01/09	70.8	13.3	19.9	1.74	17.7	27.9	0.14J	15.4	324
Hueco Springs A (DX-68-15-901)	10/01/09	85.3	10.2	15.2	1.69	17.7	27.9	0.088J	12.5	444
Hueco Springs A (DX-68-15-901)	11/03/09	104	7.70	9.60	1.43	14.2	17.9	0.002J	10.8	336
Hueco Springs A (DX-68-15-901)	12/01/09	102	8.75	9.95	1.27	17.7	24.7	0.013J	9.95	452
Hueco Springs B	11/03/09	104	7.92	9.63	1.42	14.2	24.0	0.006J	10.8	324
Hueco Springs B	12/01/09	102	8.82	10.0	1.28	17.6	24.0	0.020J	9.99	496

Table C-9. (cont.) Analytical data for major ions from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Calcium (mg/L)	Sodium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Silica (µg/L)	Total Dissolved Solids (mg/L)
Blanco River at Wimberley [8171000]	05/04/09	60.1	8.50	19.0	1.49	13.3	40.5	0.39J	10.7	256
Blanco River at Wimberley [8171000]	10/05/09	68.3	5.77	12.7	1.51	11.3	24.6	0.042J	9.29	284
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	91.6	11.8	16.2	1.35	20.5	29.2	<0.50	12.1	552
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	96.1	12.2	16.7	1.41	20.8	29.4	<0.50	12.3	408
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	97.1	12.3	16.7	1.45	23.2	33.4	0.842	12.3	426
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	94.3	12.5	16.9	1.43	23.4	30.7	<0.50	12.5	530
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	93.5	12.4	16.5	1.41	23.5	30.5	<0.50	12.2	880
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	94.3	12.0	16.9	1.35	20.7	26.9	0.042J	12.5	340
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	94.8	12.0	16.7	1.48	18.7	25.2	0.007J	12.3	362
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	95.7	9.59	18.3	1.24	16.6	27.7	<0.50	11.9	412
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	85.9	9.40	16.7	1.27	16.2	26.7	0.31J	11.2	505
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	90.7	9.87	17.5	1.33	16.4	26.7	<0.50	11.6	348
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	93.1	10.1	17.6	1.29	17.2	27.8	0.84	11.9	396
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	91.7	10.5	18.2	1.34	16.4	26.4	0.11J	12.1	428
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	89.1	10.0	17.9	1.37	18.2	28.2	<0.50	11.7	845
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	85.1	10.3	19.3	1.52	17.5	28.7	0.073J	11.3	348
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	79.4	9.20	17.7	1.26	15.8	28.1	0.065J	10.4	404
Sink Spring	12/07/09	88.2	12.8	19.6	2.19	21.5	35.8	0.068J	11.7	360
Las Moras Springs (RP-70-45-501)	07/30/09	*75.8	*5.8	*6.2	*0.6	*8.8	*4.81	*0.12	*11.0	*238
Hondo Creek near Tarpley [8200000]	05/07/09	64.7	12.4	14.8	1.80	20.9	111	0.41J	13.9	470
Hondo Creek near Tarpley [8200000]	10/08/09	70.3	8.79	14.2	2.23	11.9	127	0.15J	13.9	502
Medina River at Bandera [8178880]	05/08/09	80.0	6.84	21.0	1.38	11.3	101	0.40J	12.7	440

Table C-9. (cont.) Analytical data for major ions from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Calcium (mg/L)	Sodium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Silica (µg/L)	Total Dissolved Solids (mg/L)
Medina River at Bandera [8178880]	10/09/09	60.9	5.28	14.6	2.32	7.50	95.2	0.065J	10.3	664
Seco Creek at Miller Ranch [8201500]	05/06/09	52.8	8.70	13.1	1.54	14.1	117	0.38J	12.0	312
Seco Creek at Miller Ranch [8201500]	10/07/09	59.4	7.29	13.5	1.64	10.9	108	0.10J	12.1	250
San Geronimo Creek A	10/05/09	87.9	10.2	26.3	3.76	34.1	113	0.096J	12.1	570
San Geronimo Creek B	10/05/09	73.2	6.34	15.9	2.67	12.6	63.1	0.069J	11.3	380
San Geronimo Creek C	10/05/09	76.3	6.89	18.0	2.46	14.0	91.5	0.060J	10.5	438
Dry Frio River at Reagan Wells [8196000]	05/06/09	57.4	6.01	11.9	0.496	10.3	17.7	0.28J	9.90	246
Dry Frio River at Reagan Wells [8196000]	10/07/09	64.2	5.69	12.9	0.466	9.86	17.1	<0.50	11.9	252
Frio River at Concan [8195000]	05/06/09	55.3	6.92	14.2	0.823	11.1	26.2	0.32J	12.5	212
Frio River at Concan [8195000]	10/07/09	59.0	8.07	16.0	0.966	11.6	34.0	0.10J	13.4	266
Nueces River at Laguna [8190000]	05/05/09	56.2	6.64	12.9	0.698	11.2	12.7	0.31J	11.8	192
Nueces River at Laguna [8190000]	10/06/09	61.1	7.34	14.8	0.850	10.8	13.9	0.014J	13.2	250
Sabinal River near Sabinal [8198000]	05/06/09	66.5	7.67	12.5	0.956	11.9	38.2	0.35J	13.6	268
Sabinal River near Sabinal [8198000]	10/07/09	59.6	9.33	14.3	1.52	13.6	42.5	0.046J	14.3	246

* = Sample collected by the Authority and analyzed by the TWDB.
NA = Not Analyzed

Table C-10. Analytical data for metals from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Boron (µg/L)	Bromide (mg/L)
Lorence Creek	10/22/09	16.3	<5.00	1.4J	13.9	<5.00	NA	<0.100
Lorence Creek	10/26/09	19.1	<5.00	<5.00	7.72	<5.00	NA	0.002J
Lorence Creek	10/26/09	3.8	<5.00	1.2J	8.58	<5.00	NA	<0.100
San Pedro Springs	03/05/09	<0.22	<0.84	0.50J	50.5	<0.84	NA	0.179
San Pedro Springs	11/04/09	<1.00	<1.00	5.07	49.5	<1.00	NA	0.164
San Pedro Springs	12/01/09	4.01	<1.00	0.51J	46.7	<1.00	NA	0.136
Comal Springs #3	03/02/09	0.600	<0.84	0.52J	58.7	<0.84	NA	0.086
Comal Springs #3	06/01/09	<0.22	1.49	0.55J	51.4	<0.84	NA	<0.002
Comal Springs #3	07/06/09	0.84J	1.96	<1.00	48.9	<1.00	NA	<0.10
Comal Springs #3	08/04/09	9.65	0.81J	0.47J	53.2	<1.00	NA	<0.100
Comal Springs #3	09/02/09	0.48J	<1.00	<1.00	54.1	<1.00	NA	0.117
Comal Springs #3	10/01/09	2.27	<1.00	0.50J	53.7	<1.00	NA	0.140
Comal Springs #3	11/03/09	0.48J	<1.00	0.64J	53.8	<1.00	NA	0.141
Comal Springs #3	12/02/09	1.27J	<1.00	0.47J	51.4	<1.00	NA	0.105
Comal Springs #7	03/03/09	6.54	<0.84	0.51J	60.5	0.40J	NA	0.076
Comal Springs #7	06/03/09	<0.22	<0.84	0.870	49.8	<0.84	NA	<0.002
Comal Springs #7	07/07/09	1.38	<1.00	0.36J	52.7	<1.00	NA	<0.100
Comal Springs #7	08/05/09	<1.00	0.55J	0.49J	56.4	<1.00	NA	<0.100
Comal Springs #7	09/02/09	<1.00	<1.00	<1.00	56.8	<1.00	NA	0.126
Comal Springs #7	10/01/09	1.61	<1.00	0.40J	53.9	<1.00	NA	0.215
Comal Springs #7	11/03/09	2.23	<1.00	0.35J	56.7	<1.00	NA	0.144
Comal Springs #7	12/02/09	0.87J	<1.00	0.57J	54.4	<1.00	NA	0.118
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.22	<0.84	0.54J	53.4	<0.84	NA	0.077
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.22	<0.84	0.35J	48.4	<0.84	NA	<0.002
Comal Springs#1 (DX-68-23-301)	07/07/09	0.5J	<1.00	0.27J	49.3	<1.00	NA	<0.10

Table C-10. (cont.) Analytical data for metals from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Boron (µg/L)	Bromide (mg/L)
Comal Springs#1 (DX-68-23-301)	08/05/09	*<4.1	*<1.0	*<2.0	*52.3	NA	*<51	*0.1
Comal Springs#1 (DX-68-23-301)	09/01/09	<1.00	<1.00	<1.00	51.9	<1.00	NA	0.111
Comal Springs#1 (DX-68-23-301)	10/12/09	0.53J	<1.00	0.39J	50.8	<1.00	NA	0.182
Comal Springs#1 (DX-68-23-301)	11/02/09	3.11	<1.00	1.88	50.7	<1.00	NA	0.137
Comal Springs#1 (DX-68-23-301)	11/30/09	1.12	0.44J	0.48J	48.8	<1.00	NA	0.110
Hueco Springs A (DX-68-15-901)	03/03/09	<0.22	<0.84	0.46J	36.5	<0.84	NA	0.103
Hueco Springs A (DX-68-15-901)	06/03/09	<0.22	<0.84	0.740	33.5	<0.84	NA	<0.002
Hueco Springs A (DX-68-15-901)	07/07/09	<1.00	1.37	0.69J	31.8	<1.00	NA	<0.10
Hueco Springs A (DX-68-15-901)	08/04/09	*<4.1	*<1.0	*<2.0	*36.2	NA	*70.0	*0.12
Hueco Springs A (DX-68-15-901)	09/01/09	3.52	0.48J	0.41J	35.2	<1.00	NA	0.291
Hueco Springs A (DX-68-15-901)	10/01/09	0.94J	<1.00	0.72J	31.6	<1.00	NA	0.107
Hueco Springs A (DX-68-15-901)	11/03/09	0.16J	<1.00	0.26J	31.8	<1.00	NA	0.106
Hueco Springs A (DX-68-15-901)	12/01/09	0.94J	<1.00	0.31J	33.7	<1.00	NA	0.133
Hueco Springs B	11/03/09	2.47	<1.00	<1.00	31.4	<1.00	NA	0.106
Hueco Springs B	12/01/09	0.92J	<1.00	0.34J	33.8	<1.00	NA	0.125
Blanco River at Wimberley [8171000]	05/04/09	<0.22	<0.84	0.56J	39.9	<0.84	NA	0.020
Blanco River at Wimberley [8171000]	10/05/09	3.42	0.64J	0.64J	24.0	<1.00	NA	0.068J
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	8.90	<0.84	0.42J	38.6	<0.84	NA	<0.002
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	2.15	<1.00	<1.00	37.5	<1.00	NA	<0.100
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	4.00	0.74J	0.53J	40.8	<1.00	NA	<0.100
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	1.45	<1.00	<1.00	40.6	<1.00	NA	0.127
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	3.39	<1.00	2.06	39.2	<1.00	NA	0.293
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	2.55	0.61J	0.49J	40.5	<1.00	NA	0.170
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	0.91J	0.61J	<1.00	40.1	<1.00	NA	0.152
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	14.80	<0.84	0.34J	38.0	<0.84	NA	0.080
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.22	<0.84	0.63J	35.4	<0.84	NA	<0.002

Table C-10. (cont.) Analytical data for metals from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Boron (µg/L)	Bromide (mg/L)
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<1.00	<1.00	0.38J	34.6	<1.00	NA	<0.10
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	0.76	1.06	0.81J	38.2	<1.00	NA	0.081J
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<1.00	0.85J	<1.00	38.2	<1.00	NA	0.076J
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	1.66	1.18	0.47J	36.7	<1.00	NA	0.104
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	0.83J	<1.00	0.59J	36.4	<1.00	NA	0.170
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	5.06	0.71J	0.47J	34.9	<1.00	NA	0.136
Sink Spring	12/07/09	33.5	<1.00	<1.00	36.8	<1.00	NA	<0.100
Las Moras Springs (RP-70-45-501)	07/30/09	*<4.1	*<1.0	*<2.0	*45.1	*<1.0	*<51	*0.06
Hondo Creek near Tarpley [8200000]	05/07/09	1.78	0.74J	0.70J	38.0	<0.84	NA	<0.002
Hondo Creek near Tarpley [8200000]	10/08/09	0.98J	<1.00	0.56J	39.2	<1.00	NA	0.090J
Medina River at Bandera [8178880]	05/08/09	<0.22	<0.84	0.46J	33.1	<0.84	NA	0.015
Medina River at Bandera [8178880]	10/09/09	1.47	<1.00	0.59J	25.0	<1.00	NA	0.048J
Seco Creek at Miller Ranch [8201500]	05/06/09	3.06	0.55J	0.57J	30.1	<0.84	NA	<0.002
Seco Creek at Miller Ranch [8201500]	10/07/09	3.74	0.28J	0.40J	31.0	<1.00	NA	0.006J
San Geronimo Creek A	10/05/09	2.94	<1.00	0.58J	37.7	<1.00	NA	0.070
San Geronimo Creek B	10/05/09	98.2	0.49J	0.63J	25.5	<1.00	NA	0.195
San Geronimo Creek C	10/05/09	1.42	<1.00	0.54J	30.0	<1.00	NA	0.214
Dry Frio River at Reagan Wells [8196000]	05/06/09	0.512	<0.84	0.31J	47.8	<0.84	NA	<0.002
Dry Frio River at Reagan Wells [8196000]	10/07/09	2.60	0.67J	0.48J	44.5	<1.00	NA	0.051J
Frio River at Concan [8195000]	05/06/09	6.95	<0.84	0.44J	42.1	<0.84	NA	<0.002
Frio River at Concan [8195000]	10/07/09	0.83	0.34J	0.42J	35.8	<1.00	NA	0.062J
Nueces River at Laguna [8190000]	05/05/09	2.23	<0.84	0.56J	45.7	<0.84	NA	<0.002
Nueces River at Laguna [8190000]	10/06/09	0.54	0.42J	0.50J	42.9	<1.00	NA	0.061J
Sabinal River near Sabinal [8198000]	05/06/09	4.96	0.37J	0.36J	41.4	<0.84	NA	<0.002
Sabinal River near Sabinal [8198000]	10/07/09	2.66	<1.00	1.36	40.8	<1.00	NA	0.221J

Table C-10. (cont.) Analytical data for metals from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Cadmium (µg/L)	Chromium (µg/L)	Cobalt (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)	Lithium (µg/L)
Lorence Creek	10/22/09	<5.00	<5.00	NA	9.08	9.10	<5.00	NA
Lorence Creek	10/26/09	<5.00	<5.00	NA	1.6J	12.2	<5.00	NA
Lorence Creek	10/26/09	<5.00	<5.00	NA	<5.00	5.02	<5.00	NA
San Pedro Springs	03/05/09	<0.65	0.55J	NA	<0.90	1.46	0.64J	NA
San Pedro Springs	11/04/09	<1.00	0.54J	NA	0.53J	1.57	<1.00	NA
San Pedro Springs	12/01/09	<1.00	0.40J	NA	<1.00	<1.00	<1.00	NA
Comal Springs #3	03/02/09	<0.65	<1.17	NA	<0.90	17.1	<0.84	NA
Comal Springs #3	06/01/09	<0.65	0.94J	NA	0.35J	2.52	<0.84	NA
Comal Springs #3	07/06/09	<1.00	0.61J	NA	0.88J	3.51	0.40J	NA
Comal Springs #3	08/04/09	<1.00	0.79J	NA	<1.00	<1.00	<1.00	NA
Comal Springs #3	09/02/09	<1.00	0.45J	NA	<1.00	<1.00	<1.00	NA
Comal Springs #3	10/01/09	<1.00	0.77J	NA	<1.00	<1.00	<1.00	NA
Comal Springs #3	11/03/09	<1.00	<1.00	NA	1.06	<1.00	0.61J	NA
Comal Springs #3	12/02/09	<1.00	0.50J	NA	<1.00	<1.00	<1.00	NA
Comal Springs #7	03/03/09	<0.65	0.54J	NA	0.952	3.74	0.32J	NA
Comal Springs #7	06/03/09	<0.65	0.84J	NA	0.52J	5.02	<0.84	NA
Comal Springs #7	07/07/09	<1.00	0.64J	NA	<1.00	9.20	1.49	NA
Comal Springs #7	08/05/09	<1.00	0.68J	NA	<1.00	<1.00	<1.00	NA
Comal Springs #7	09/02/09	<1.00	0.45J	NA	0.38J	<1.00	<1.00	NA
Comal Springs #7	10/01/09	<1.00	0.83J	NA	0.31J	<1.00	<1.00	NA
Comal Springs #7	11/03/09	<1.00	<1.00	NA	2.32	<1.00	1.65	NA
Comal Springs #7	12/02/09	<1.00	0.48J	NA	0.58J	<1.00	<1.00	NA
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.65	<1.17	NA	<0.90	5.90	<0.84	NA
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.65	0.56J	NA	1.35	1.12	<0.84	NA
Comal Springs#1 (DX-68-23-301)	07/07/09	<1.00	0.80J	NA	<1.00	8.39	1.46	NA

Table C-10. (cont.) Analytical data for metals from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Cadmium (µg/L)	Chromium (µg/L)	Cobalt (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)	Lithium (µg/L)
Comal Springs#1 (DX-68-23-301)	08/05/09	*<1.0	*2.7	*<1.0	*<1.0	*<51	*<1.0	*5.6
Comal Springs#1 (DX-68-23-301)	09/01/09	<1.00	0.44J	NA	<1.00	<1.00	<1.00	NA
Comal Springs#1 (DX-68-23-301)	10/12/09	<1.00	0.55J	NA	0.91J	0.35J	<1.00	NA
Comal Springs#1 (DX-68-23-301)	11/02/09	<1.00	<1.00	NA	0.86J	2.51	<1.00	NA
Comal Springs#1 (DX-68-23-301)	11/30/09	<1.00	0.45J	NA	<1.00	<1.00	<1.00	NA
Hueco Springs A (DX-68-15-901)	03/03/09	<0.65	<1.17	NA	<0.90	1.77	<0.84	NA
Hueco Springs A (DX-68-15-901)	06/03/09	<0.65	0.91J	NA	1.34	10.2	<0.84	NA
Hueco Springs A (DX-68-15-901)	07/07/09	<1.00	0.68J	NA	<1.00	4.94	<1.00	NA
Hueco Springs A (DX-68-15-901)	08/04/09	*<1.0	*2.3	*<1.0	*<1.0	*<51	*<1.0	*4.6
Hueco Springs A (DX-68-15-901)	09/01/09	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
Hueco Springs A (DX-68-15-901)	10/01/09	<1.00	<1.00	NA	0.34J	<1.00	<1.00	NA
Hueco Springs A (DX-68-15-901)	11/03/09	<1.00	<1.00	NA	0.91J	<1.00	<1.00	NA
Hueco Springs A (DX-68-15-901)	12/01/09	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
Hueco Springs B	11/03/09	<1.00	<1.00	NA	0.60J	1.58	0.51J	NA
Hueco Springs B	12/01/09	<1.00	<1.00	NA	0.56J	<1.00	<1.00	NA
Blanco River at Wimberley [8171000]	05/04/09	<0.65	0.45J	NA	0.37J	10.2	<0.84	NA
Blanco River at Wimberley [8171000]	10/05/09	<1.00	<1.00	NA	0.60J	6.39	<1.00	NA
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.65	0.60J	NA	<0.90	2.35	<0.84	NA
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<1.00	0.78J	NA	<1.00	10.0	0.64J	NA
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<1.00	0.40J	NA	0.40J	1.51	<1.00	NA
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<1.00	0.69J	NA	0.49J	<1.00	<1.00	NA
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<1.00	1.63	NA	0.91J	4.13	<1.00	NA
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<1.00	<1.00	NA	0.53J	2.48	0.28J	NA
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.65	0.40J	NA	0.37J	7.67	0.46J	NA
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.65	0.71J	NA	1.65	4.35	<0.84	NA

Table C-10. (cont.) Analytical data for metals from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Cadmium (µg/L)	Chromium (µg/L)	Cobalt (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)	Lithium (µg/L)
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<1.00	0.91J	NA	0.36J	13.5	0.35J	NA
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<1.00	0.69J	NA	<1.00	1.63	<1.00	NA
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<1.00	<1.00	NA	0.63J	<1.00	<1.00	NA
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<1.00	0.53J	NA	0.39J	<1.00	<1.00	NA
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<1.00	0.39J	NA	0.64J	<1.00	<1.00	NA
Sink Spring	12/07/09	<1.00	<1.00	NA	3.16	63.1	0.66J	NA
Las Moras Springs (RP-70-45-501)	07/30/09	*<1.0	*1.8	*<1.0	*<1.0	*<51	*<1.0	NA
Hondo Creek near Tarpley [8200000]	05/07/09	<0.65	0.64J	NA	1.24	20.3	0.34J	NA
Hondo Creek near Tarpley [8200000]	10/08/09	<1.00	<1.00	NA	0.66J	5.26	<1.00	NA
Medina River at Bandera [8178880]	05/08/09	<0.65	<1.17	NA	0.68J	6.69	<0.84	NA
Medina River at Bandera [8178880]	10/09/09	<1.00	<1.00	NA	0.55J	6.62	0.29J	NA
Seco Creek at Miller Ranch [8201500]	05/06/09	<0.65	0.61J	NA	0.36J	6.86	<0.84	NA
Seco Creek at Miller Ranch [8201500]	10/07/09	<1.00	<1.00	NA	<1.00	1.82	5.86	NA
San Geronimo Creek A	10/05/09	<1.00	<1.00	NA	0.78J	10.1	<1.00	NA
San Geronimo Creek B	10/05/09	<1.00	<1.00	NA	0.52J	47.9	<1.00	NA
San Geronimo Creek C	10/05/09	<1.00	<1.00	NA	0.95J	7.24	<1.00	NA
Dry Frio River at Reagan Wells [8196000]	05/06/09	<0.65	<1.17	NA	0.42J	6.38	<0.84	NA
Dry Frio River at Reagan Wells [8196000]	10/07/09	<1.00	<1.00	NA	0.42J	1.22	0.33J	NA
Frio River at Concan [8195000]	05/06/09	<0.65	<1.17	NA	0.59J	10.7	<0.84	NA
Frio River at Concan [8195000]	10/07/09	<1.00	<1.00	NA	<1.00	1.52	<1.00	NA
Nueces River at Laguna [8190000]	05/05/09	<0.65	<1.17	NA	<0.90	3.06	<0.84	NA
Nueces River at Laguna [8190000]	10/06/09	<1.00	<1.00	NA	0.33J	<1.00	1.33	NA
Sabinal River near Sabinal [8198000]	05/06/09	<0.65	0.41J	NA	0.43J	13.8	<0.84	NA
Sabinal River near Sabinal [8198000]	10/07/09	<1.00	<1.00	NA	0.55J	10.7	<1.00	NA

Table C-10. (cont.) Analytical data for metals from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Manganese (µg/L)	Mercury (µg/L)	Molybdenum (µg/L)	Nickel (µg/L)	Selenium (µg/L)	Silver (µg/L)	Strontium (µg/L)
Lorence Creek	10/22/09	0.59J	<2.50	NA	<5.00	4.1J	<2.50	37.8
Lorence Creek	10/26/09	3.6J	<2.50	NA	<5.00	<5.00	<2.50	31.5
Lorence Creek	10/26/09	<5.00	<2.50	NA	<5.00	<5.00	<2.50	32.5
San Pedro Springs	03/05/09	0.221	<1.14	NA	<0.62	1.24	<0.89	450
San Pedro Springs	11/04/09	<1.00	<0.50	NA	<1.00	<1.00	<0.50	421
San Pedro Springs	12/01/09	<1.00	<0.50	NA	0.21J	0.81J	<0.50	573
Comal Springs #3	03/02/09	0.379	0.88J	NA	<0.62	2.06	<0.89	573
Comal Springs #3	06/01/09	0.11J	0.66J	NA	<0.62	1.18	<0.89	698
Comal Springs #3	07/06/09	0.15J	<0.50	NA	0.35J	1.23	<0.50	419
Comal Springs #3	08/04/09	0.21J	<0.50	NA	<1.00	1.16	<0.50	702
Comal Springs #3	09/02/09	<1.00	<0.50	NA	<1.00	1.06	<0.50	703
Comal Springs #3	10/01/09	<1.00	<0.50	NA	<1.00	0.70J	<0.50	658
Comal Springs #3	11/03/09	<1.00	<0.50	NA	<1.00	<1.00	<0.50	639
Comal Springs #3	12/02/09	0.062J	<0.50	NA	0.26J	1.0J	<0.50	645
Comal Springs #7	03/03/09	0.13J	1.38	NA	<0.62	1.90	<0.89	625
Comal Springs #7	06/03/09	0.470	<1.14	NA	0.23J	0.59J	<0.89	321
Comal Springs #7	07/07/09	<1.00	<0.50	NA	0.46J	1.23	<0.50	459
Comal Springs #7	08/05/09	<1.00	<0.50	NA	<1.00	0.97J	<0.50	757
Comal Springs #7	09/02/09	0.074J	<0.50	NA	<1.00	1.24	<0.50	747
Comal Springs #7	10/01/09	<1.00	<0.50	NA	0.27J	0.52J	<0.50	677
Comal Springs #7	11/03/09	<1.00	<0.50	NA	<1.00	<1.00	<0.50	690
Comal Springs #7	12/02/09	0.17J	<0.50	NA	<1.00	0.61J	<0.50	686
Comal Springs#1 (DX-68-23-301)	03/02/09	0.088J	1.18	NA	<0.62	1.84	<0.89	498
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.14	<1.14	NA	<0.62	0.81J	<0.89	652
Comal Springs#1 (DX-68-23-301)	07/07/09	<1.00	<0.50	NA	0.39J	1.34	<0.50	408

Table C-10. (cont.) Analytical data for metals from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Manganese (µg/L)	Mercury (µg/L)	Molybdenum (µg/L)	Nickel (µg/L)	Selenium (µg/L)	Silver (µg/L)	Strontium (µg/L)
Comal Springs#1 (DX-68-23-301)	08/05/09	*<1.0	*<0.2	*<1.0	NA	*<4.1	*<1.0	*615
Comal Springs#1 (DX-68-23-301)	09/01/09	<1.00	<0.50	NA	<1.00	0.96J	<0.50	676
Comal Springs#1 (DX-68-23-301)	10/12/09	0.14J	<0.50	NA	0.29J	0.69J	<0.50	642
Comal Springs#1 (DX-68-23-301)	11/02/09	<1.00	<0.50	NA	0.50J	0.63J	<0.50	567
Comal Springs#1 (DX-68-23-301)	11/30/09	0.27J	<0.50	NA	<1.00	1.0J	<0.50	605
Hueco Springs A (DX-68-15-901)	03/03/09	<0.14	0.74J	NA	0.23J	2.39	<0.89	471
Hueco Springs A (DX-68-15-901)	06/03/09	0.576	<1.14	NA	1.08	0.84J	<0.89	247
Hueco Springs A (DX-68-15-901)	07/07/09	0.17J	<0.50	NA	0.35J	1.34	<0.50	352
Hueco Springs A (DX-68-15-901)	08/04/09	*<1.0	*<0.2	*1.2	NA	*<4.1	*<1.0	*571
Hueco Springs A (DX-68-15-901)	09/01/09	<1.00	<0.50	NA	<1.00	0.97J	<0.50	614
Hueco Springs A (DX-68-15-901)	10/01/09	<1.00	<0.50	NA	0.52J	1.13	<0.50	416
Hueco Springs A (DX-68-15-901)	11/03/09	<1.00	<0.50	NA	0.74J	6.51	<0.50	139
Hueco Springs A (DX-68-15-901)	12/01/09	<1.00	<0.50	NA	0.41J	0.95J	<0.50	228
Hueco Springs B	11/03/09	<1.00	<0.50	NA	<1.00	<1.00	<0.50	143
Hueco Springs B	12/01/09	0.18J	<0.50	NA	0.53J	0.70J	<0.50	226
Blanco River at Wimberley [8171000]	05/04/09	2.06	<1.14	NA	0.28J	0.67J	<0.89	604
Blanco River at Wimberley [8171000]	10/05/09	2.41	<0.50	NA	0.46J	0.76J	<0.50	295
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.14	<1.14	NA	<0.62	0.93J	<0.89	365
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<1.00	<0.50	NA	0.49J	0.92J	<0.50	371
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	0.21J	<0.50	NA	0.31J	1.27	<0.50	597
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	0.082J	<0.50	NA	<1.00	0.94J	<0.50	595
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	0.11J	<0.50	NA	0.21J	0.62J	<0.50	544
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<1.00	<0.50	NA	0.29J	2.12	<0.50	574
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	0.081J	<0.50	NA	<1.00	1.03	<0.50	551
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	0.167	<1.14	NA	0.27J	0.997	<0.89	524
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	0.071J	<1.14	NA	<0.62	1.52	<0.89	403

Table C-10. (cont.) Analytical data for metals from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Manganese (µg/L)	Mercury (µg/L)	Molybdenum (µg/L)	Nickel (µg/L)	Selenium (µg/L)	Silver (µg/L)	Strontium (µg/L)
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	0.34J	<0.50	NA	0.45J	0.50J	<0.50	347
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	0.29J	<0.50	NA	0.25J	1.07	<0.50	558
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	0.20J	<0.50	NA	<1.00	1.18	<0.50	553
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	0.11J	<0.50	NA	0.22J	1.23	<0.50	551
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<1.00	<0.50	NA	<1.00	0.57J	<0.50	596
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	0.30J	<0.50	NA	0.36J	1.12	<0.50	570
Sink Spring	12/07/09	10.3	<0.50	NA	<1.00	0.42J	<0.50	702
Las Moras Springs (RP-70-45-501)	07/30/09	*<1.0	*<0.2	*<1.0	NA	*<4.1	*<1.0	*237
Hondo Creek near Tarpley [8200000]	05/07/09	5.77	<1.14	NA	0.41J	1.47	<0.89	517
Hondo Creek near Tarpley [8200000]	10/08/09	3.68	<0.50	NA	<1.00	0.89J	<0.50	564
Medina River at Bandera [8178880]	05/08/09	3.37	<1.14	NA	<0.62	0.55J	<0.89	948
Medina River at Bandera [8178880]	10/09/09	1.01	<0.50	NA	0.37J	0.45J	<0.50	771
Seco Creek at Miller Ranch [8201500]	05/06/09	0.839	<1.14	NA	0.26J	1.28	<0.89	440
Seco Creek at Miller Ranch [8201500]	10/07/09	0.99J	<0.50	NA	<1.00	0.68J	<0.50	447
San Geronimo Creek A	10/05/09	31.2	<0.50	NA	0.76J	1.73J	<0.50	584
San Geronimo Creek B	10/05/09	1.04	<0.50	NA	0.66J	3.32	<0.50	449
San Geronimo Creek C	10/05/09	1.79	<0.50	NA	1.00	3.25	<0.50	532
Dry Frio River at Reagan Wells [8196000]	05/06/09	0.583	<1.14	NA	0.37J	0.42J	<0.89	354
Dry Frio River at Reagan Wells [8196000]	10/07/09	1.19	<0.50	NA	0.23J	0.60J	<0.50	404
Frio River at Concan [8195000]	05/06/09	1.30	<1.14	NA	0.29J	0.50J	<0.89	304
Frio River at Concan [8195000]	10/07/09	1.06	<0.50	NA	<1.00	0.45J	<0.50	382
Nueces River at Laguna [8190000]	05/05/09	0.200	<1.14	NA	<0.62	0.36J	<0.89	242
Nueces River at Laguna [8190000]	10/06/09	0.22J	<0.50	NA	<1.00	0.54J	<0.50	282
Sabinal River near Sabinal [8198000]	05/06/09	3.67	<1.14	NA	0.39J	0.64J	<0.89	327
Sabinal River near Sabinal [8198000]	10/07/09	2.64	<0.50	NA	0.41J	0.36J	<0.50	404

Table C-10. (cont.) Analytical data for metals from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)
Lorence Creek	10/22/09	<5.00	NA	3.8J
Lorence Creek	10/26/09	<5.00	NA	3.4J
Lorence Creek	10/26/09	<5.00	NA	3.8J
San Pedro Springs	03/05/09	<0.36	NA	0.747
San Pedro Springs	11/04/09	<1.00	NA	2.32
San Pedro Springs	12/01/09	<1.00	NA	2.16
Comal Springs #3	03/02/09	<0.36	NA	0.31
Comal Springs #3	06/01/09	<0.36	NA	1.60
Comal Springs #3	07/06/09	<1.00	NA	<1.00
Comal Springs #3	08/04/09	<1.00	NA	1.01
Comal Springs #3	09/02/09	<1.00	NA	0.63J
Comal Springs #3	10/01/09	<1.00	NA	0.42
Comal Springs #3	11/03/09	<1.00	NA	1.58
Comal Springs #3	12/02/09	<1.00	NA	2.84
Comal Springs #7	03/03/09	0.24J	NA	0.56J
Comal Springs #7	06/03/09	<0.36	NA	2.01
Comal Springs #7	07/07/09	<1.00	NA	0.73J
Comal Springs #7	08/05/09	<1.00	NA	0.25J
Comal Springs #7	09/02/09	<1.00	NA	<1.00
Comal Springs #7	10/01/09	<1.00	NA	2.37
Comal Springs #7	11/03/09	<1.00	NA	4.89
Comal Springs #7	12/02/09	<1.00	NA	0.24J
Comal Springs#1 (DX-68-23-301)	03/02/09	0.17J	NA	0.39J
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.36	NA	0.54J
Comal Springs#1 (DX-68-23-301)	07/07/09	<1.00	NA	1.63

Table C-10. (cont.) Analytical data for metals from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)
Comal Springs#1 (DX-68-23-301)	08/05/09	NA	*3.2	*<4.1
Comal Springs#1 (DX-68-23-301)	09/01/09	<1.00	NA	<1.00
Comal Springs#1 (DX-68-23-301)	10/12/09	<1.00	NA	0.91J
Comal Springs#1 (DX-68-23-301)	11/02/09	<1.00	NA	3.85
Comal Springs#1 (DX-68-23-301)	11/30/09	<1.00	NA	0.51J
Hueco Springs A (DX-68-15-901)	03/03/09	<0.36	NA	<0.68
Hueco Springs A (DX-68-15-901)	06/03/09	<0.36	NA	5.24
Hueco Springs A (DX-68-15-901)	07/07/09	<1.00	NA	0.44J
Hueco Springs A (DX-68-15-901)	08/04/09	NA	*3.1	*<4.1
Hueco Springs A (DX-68-15-901)	09/01/09	<1.00	NA	1.03
Hueco Springs A (DX-68-15-901)	10/01/09	<1.00	NA	0.90
Hueco Springs A (DX-68-15-901)	11/03/09	<1.00	NA	0.66J
Hueco Springs A (DX-68-15-901)	12/01/09	<1.00	NA	0.57J
Hueco Springs B	11/03/09	<1.00	NA	0.70J
Hueco Springs B	12/01/09	<1.00	NA	1.22
Blanco River at Wimberley [8171000]	05/04/09	<0.36	NA	1.11
Blanco River at Wimberley [8171000]	10/05/09	<1.00	NA	2.54
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.36	NA	1.71
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<1.00	NA	0.29J
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<1.00	NA	4.15
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<1.00	NA	3.46
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<1.00	NA	1.76
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<1.00	NA	1.25
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<1.00	NA	4.22
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.36	NA	4.46
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.36	NA	0.718

Table C-10. (cont.) Analytical data for metals from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<1.00	NA	<1.00
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<1.00	NA	4.79
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<1.00	NA	0.71J
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<1.00	NA	1.11
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<1.00	NA	7.10
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<1.00	NA	0.80J
Sink Spring	12/07/09	<1.00	NA	10.5
Las Moras Springs (RP-70-45-501)	07/30/09	*<1.0	*3.8	*<4.1
Hondo Creek near Tarpley [8200000]	05/07/09	<0.36	NA	2.09
Hondo Creek near Tarpley [8200000]	10/08/09	<1.00	NA	2.93
Medina River at Bandera [8178880]	05/08/09	<0.36	NA	1.13
Medina River at Bandera [8178880]	10/09/09	<1.00	NA	1.45
Seco Creek at Miller Ranch [8201500]	05/06/09	<0.36	NA	2.60
Seco Creek at Miller Ranch [8201500]	10/07/09	<1.00	NA	1.51
San Geronimo Creek A	10/05/09	<1.00	NA	1.44
San Geronimo Creek B	10/05/09	<1.00	NA	0.64
San Geronimo Creek C	10/05/09	<1.00	NA	1.29
Dry Frio River at Reagan Wells [8196000]	05/06/09	<0.36	NA	1.30
Dry Frio River at Reagan Wells [8196000]	10/07/09	<1.00	NA	2.98
Frio River at Concan [8195000]	05/06/09	<0.36	NA	3.06
Frio River at Concan [8195000]	10/07/09	<1.00	NA	1.75
Nueces River at Laguna [8190000]	05/05/09	<0.36	NA	2.05
Nueces River at Laguna [8190000]	10/06/09	<1.00	NA	1.21
Sabinal River near Sabinal [8198000]	05/06/09	<0.36	NA	3.80
Sabinal River near Sabinal [8198000]	10/07/09	<1.00	NA	4.93

NA = Not Analyzed
* = Sample collected by the Authority and analyzed by the TWDB.

Table C-11. Analytical data for nutrients from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2008

Station Name	Date Sampled	Nitrate-N (mg/L)	Orthophosphate (mg/L)	Phosphorus (mg/L)
Lorence Creek	10/22/09 11:15	<0.15	NA	14.6
Lorence Creek	10/22/09 11:15	0.364	NA	NA
Lorence Creek	10/26/09 10:00	<0.15	NA	<5.00
Lorence Creek	10/26/09 10:00	0.177	NA	NA
Lorence Creek	10/26/09 14:00	0.259	NA	<5.00
Lorence Creek	10/26/09 14:00	<0.15	NA	NA
San Pedro Springs	03/05/09	1.50	<0.02	NA
San Pedro Springs	11/04/09	1.45	<0.02	NA
San Pedro Springs	12/01/09	1.45	0.033	NA
Comal Springs #3	03/02/09	1.62	<0.02	NA
Comal Springs #3	06/01/09	1.32	<0.02	NA
Comal Springs #3	07/06/09	1.83	<0.02	NA
Comal Springs #3	08/04/09	<0.15	<0.02	NA
Comal Springs #3	09/02/09	1.92	<0.02	NA
Comal Springs #3	10/01/09	1.56	<0.02	NA
Comal Springs #3	11/03/09	3.83	<0.02	NA
Comal Springs #3	12/02/09	0.360	0.02	NA
Comal Springs #7	03/03/09	2.65	<0.02	NA
Comal Springs #7	06/03/09	0.852	<0.02	NA
Comal Springs #7	07/07/09	1.63	<0.02	NA
Comal Springs #7	08/05/09	<0.15	<0.02	NA
Comal Springs #7	09/02/09	1.68	<0.02	NA
Comal Springs #7	10/01/09	2.03	<0.02	NA
Comal Springs #7	11/03/09	2.97	<0.02	NA
Comal Springs #7	12/02/09	0.279	<0.02	NA
Comal Springs#1 (DX-68-23-301)	03/02/09	2.57	<0.02	NA
Comal Springs#1 (DX-68-23-301)	06/01/09	1.78	<0.02	NA
Comal Springs#1 (DX-68-23-301)	07/07/09	1.94	<0.02	NA
Comal Springs#1 (DX-68-23-301)	08/05/09	*1.77	<0.02	*<0.02
Comal Springs#1 (DX-68-23-301)	09/01/09	1.72	<0.02	NA
Comal Springs#1 (DX-68-23-301)	10/12/09	1.99	NA	NA
Comal Springs#1 (DX-68-23-301)	11/02/09	<0.15	<0.02	NA
Comal Springs#1 (DX-68-23-301)	11/30/09	2.24	<0.02	<3.00
Hueco Springs A (DX-68-15-901)	03/03/09	0.639	<0.02	NA
Hueco Springs A (DX-68-15-901)	06/03/09	1.50	<0.02	NA
Hueco Springs A (DX-68-15-901)	07/07/09	<0.15	0.047	NA
Hueco Springs A (DX-68-15-901)	08/04/09	*0.73	<0.02	*<0.02
Hueco Springs A (DX-68-15-901)	09/01/09	0.727	<0.02	NA

Table C-11. (cont.) Analytical data for nutrients from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2008

Station Name	Date Sampled	Nitrate-N (mg/L)	Orthophosphate (mg/L)	Phosphorus (mg/L)
Hueco Springs A (DX-68-15-901)	10/01/09	1.59	<0.02	NA
Hueco Springs A (DX-68-15-901)	11/03/09	5.15	<0.02	NA
Hueco Springs A (DX-68-15-901)	12/01/09	1.94	0.027	NA
Hueco Springs B	11/03/09	2.57	<0.02	NA
Hueco Springs B	12/01/09	2.14	0.033	NA
Blanco River at Wimberley [8171000]	05/04/09	0.600	NA	<3.0
Blanco River at Wimberley [8171000]	10/05/09	0.743	NA	NA
San Marcos Springs-Deep (LR-67-01-819)	03/02/09	NA	0.022	NA
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	1.02	<0.02	NA
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	1.53	<0.02	NA
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<0.15	<0.02	NA
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	1.35	<0.02	NA
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	1.93	<0.02	NA
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	1.08	<0.02	<3.00
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<0.15	<0.02	NA
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	0.997	0.020	NA
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	0.898	<0.02	NA
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	1.38	<0.02	NA
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<0.15	<0.02	NA
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	0.990	<0.02	NA
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	1.57	<0.02	NA
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	1.56	<0.02	<3.00
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	2.22	<0.02	<3.00
Sink Spring	12/07/09	<0.15	NA	NA
Las Moras Springs (RP-70-45-501)	07/30/09	*1.04	NA	*<0.02
Hondo Creek near Tarpley [8200000]	05/07/09	<0.15	NA	<3.0
Medina River at Bandera [8178880]	05/08/09	<0.15	NA	<3.0
Medina River at Bandera [8178880]	10/09/09	<0.15	NA	NA
Seco Creek at Miller Ranch [8201500]	05/06/09	<0.15	NA	<3.0
San Geronimo Creek A	10/05/09	1.54	NA	<0.02
San Geronimo Creek A	10/20/09	NA	NA	<0.02
San Geronimo Creek B	10/05/09	3.17	NA	0.025
San Geronimo Creek B	10/20/09	NA	NA	<0.02
San Geronimo Creek C	10/05/09	3.70	NA	0.040
San Geronimo Creek C	10/20/09	NA	NA	<0.02
Dry Frio River at Reagan Wells [8196000]	05/06/09	<0.15	NA	24.9
Dry Frio River at Reagan Wells [8196000]	10/07/09	<0.15	NA	NA
Frio River at Concan [8195000]	05/06/09	<0.15	NA	8.74
Frio River at Concan [8195000]	10/07/09	<0.15	NA	NA
Nueces River at Laguna [8190000]	05/05/09	<0.15	NA	4.28
Nueces River at Laguna [8190000]	10/06/09	0.676	NA	NA
Sabinal River near Sabinal [8198000]	05/06/09	<0.15	NA	16.7
Sabinal River near Sabinal [8198000]	10/07/09	<0.15	NA	NA

NA = Not Analyzed

* = Sample collected by the Authority and analyzed by the TWDB.

Table C-12. Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Alachlor (µg/L)	Aldrin (µg/L)	alpha-BHC (µg/L)	alpha-Chlordane (µg/L)	Aroclor 1016 (µg/L)	Aroclor 1221 (µg/L)	Aroclor 1232 (µg/L)	Aroclor 1242 (µg/L)
Lorence Creek	10/22/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Lorence Creek	10/26/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Lorence Creek	10/26/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Pedro Springs	03/05/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Pedro Springs	11/04/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Pedro Springs	12/01/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs #3	03/02/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs #3	06/01/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs #3	07/06/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs #3	08/04/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs #3	09/02/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs #3	10/01/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs #3	11/03/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs #3	12/02/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs #7	03/03/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs #7	06/03/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs #7	07/07/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs #7	08/05/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs #7	09/02/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs #7	10/01/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs #7	11/03/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs #7	12/02/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs#1 (DX-68-23-301)	07/07/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Alachlor (µg/L)	Aldrin (µg/L)	alpha-BHC (µg/L)	alpha-Chlordane (µg/L)	Aroclor 1016 (µg/L)	Aroclor 1221 (µg/L)	Aroclor 1232 (µg/L)	Aroclor 1242 (µg/L)
Comal Springs#1 (DX-68-23-301)	08/05/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs#1 (DX-68-23-301)	09/01/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs#1 (DX-68-23-301)	10/12/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs#1 (DX-68-23-301)	11/02/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Comal Springs#1 (DX-68-23-301)	11/30/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Hueco Springs A (DX-68-15-901)	03/03/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Hueco Springs A (DX-68-15-901)	06/03/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Hueco Springs A (DX-68-15-901)	07/07/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Hueco Springs A (DX-68-15-901)	08/04/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Hueco Springs A (DX-68-15-901)	09/01/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Hueco Springs A (DX-68-15-901)	10/01/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Hueco Springs A (DX-68-15-901)	11/03/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Hueco Springs A (DX-68-15-901)	12/01/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Hueco Springs B	11/03/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Hueco Springs B	12/01/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Blanco River at Wimberley [8171000]	05/04/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Blanco River at Wimberley [8171000]	10/05/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Alachlor (µg/L)	Aldrin (µg/L)	alpha-BHC (µg/L)	alpha-Chlordane (µg/L)	Aroclor 1016 (µg/L)	Aroclor 1221 (µg/L)	Aroclor 1232 (µg/L)	Aroclor 1242 (µg/L)
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Las Moras Springs (RP-70-45-501)	07/30/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Hondo Creek near Tarpley [8200000]	05/07/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Hondo Creek near Tarpley [8200000]	10/08/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Medina River at Bandera [8178880]	05/08/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Medina River at Bandera [8178880]	10/09/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Seco Creek at Miller Ranch [8201500]	05/06/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Seco Creek at Miller Ranch [8201500]	10/07/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
SGCR-Point A	10/05/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
SGCR-Point B	10/05/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
SGCR-Point C	10/05/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Dry Frio River at Reagan Wells [8196000]	05/06/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Dry Frio River at Reagan Wells [8196000]	10/07/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Frio River at Concan [8195000]	05/06/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Frio River at Concan [8195000]	10/07/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Nueces River at Laguna [8190000]	05/05/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Nueces River at Laguna [8190000]	10/06/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Sabinal River near Sabinal [8198000]	05/06/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00
Sabinal River near Sabinal [8198000]	10/07/09	<0.050	<0.050	<0.050	<0.050	<1.00	<1.00	<1.00	<1.00

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Aroclor 1248 (µg/L)	Aroclor 1254 (µg/L)	Aroclor 1260 (µg/L)	Atrazine (µg/L)	Azinphos methyl (µg/L)	Bentazon (mg/L)	beta-BHC (µg/L)	Bolstar (Sulprofos) (µg/L)
Lorence Creek	10/22/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Lorence Creek	10/26/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Lorence Creek	10/26/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
San Pedro Springs	03/05/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
San Pedro Springs	11/04/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
San Pedro Springs	12/01/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Comal Springs #3	03/02/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Comal Springs #3	06/01/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Comal Springs #3	07/06/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Comal Springs #3	08/04/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Comal Springs #3	09/02/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Comal Springs #3	10/01/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Comal Springs #3	11/03/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Comal Springs #3	12/02/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Comal Springs #7	03/03/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Comal Springs #7	06/03/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Comal Springs #7	07/07/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Comal Springs #7	08/05/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Comal Springs #7	09/02/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Comal Springs #7	10/01/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Comal Springs #7	11/03/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Comal Springs #7	12/02/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	03/02/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	06/01/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	07/07/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Aroclor 1248 (µg/L)	Aroclor 1254 (µg/L)	Aroclor 1260 (µg/L)	Atrazine (µg/L)	Azinphos methyl (µg/L)	Bentazon (mg/L)	beta-BHC (µg/L)	Bolstar (Sulprofos) (µg/L)
Comal Springs#1 (DX-68-23-301)	08/05/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	09/01/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	10/12/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	11/02/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	11/30/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	03/03/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	06/03/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	07/07/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	08/04/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	09/01/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	10/01/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	11/03/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	12/01/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Hueco Springs B	11/03/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Hueco Springs B	12/01/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Blanco River at Wimberley [8171000]	05/04/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Blanco River at Wimberley [8171000]	10/05/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Aroclor 1248 (µg/L)	Aroclor 1254 (µg/L)	Aroclor 1260 (µg/L)	Atrazine (µg/L)	Azinphos methyl (µg/L)	Bentazon (mg/L)	beta-BHC (µg/L)	Bolstar (Sulprofos) (µg/L)
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Las Moras Springs (RP-70-45-501)	07/30/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Hondo Creek near Tarpley [8200000]	05/07/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Hondo Creek near Tarpley [8200000]	10/08/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Medina River at Bandera [8178880]	05/08/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Medina River at Bandera [8178880]	10/09/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Seco Creek at Miller Ranch [8201500]	05/06/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Seco Creek at Miller Ranch [8201500]	10/07/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
SGCR-Point A	10/05/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
SGCR-Point B	10/05/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
SGCR-Point C	10/05/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Dry Frio River at Reagan Wells [8196000]	05/06/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Dry Frio River at Reagan Wells [8196000]	10/07/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Frio River at Concan [8195000]	05/06/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Frio River at Concan [8195000]	10/07/09	<1.00	<1.00	<1.00	<0.05	<0.05	<0.50	<0.050	<0.05
Nueces River at Laguna [8190000]	05/05/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Nueces River at Laguna [8190000]	10/06/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Sabinal River near Sabinal [8198000]	05/06/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05
Sabinal River near Sabinal [8198000]	10/07/09	<1.00	<1.00	<1.00	<0.050	<0.05	<0.50	<0.050	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Chloro-pyrifos (µg/L)	Coumaphos (µg/L)	2,4-D (mg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	delta-BHC (µg/L)	Demeton, Total (µg/L)
Lorence Creek	10/22/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Lorence Creek	10/26/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Lorence Creek	10/26/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Pedro Springs	03/05/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Pedro Springs	11/04/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Pedro Springs	12/01/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs #3	03/02/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs #3	06/01/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs #3	07/06/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs #3	08/04/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs #3	09/02/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs #3	10/01/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs #3	11/03/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs #3	12/02/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs #7	03/03/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs #7	06/03/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs #7	07/07/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs #7	08/05/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs #7	09/02/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs #7	10/01/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs #7	11/03/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs #7	12/02/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	07/07/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Chloro-pyrifos (µg/L)	Coumaphos (µg/L)	2,4-D (mg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	delta-BHC (µg/L)	Demeton, Total (µg/L)
Comal Springs#1 (DX-68-23-301)	08/05/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	09/01/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	10/12/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	11/02/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	11/30/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	03/03/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	06/03/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	07/07/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	08/04/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	09/01/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	10/01/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	11/03/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	12/01/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Hueco Springs B	11/03/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Hueco Springs B	12/01/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Blanco River at Wimberley [8171000]	05/04/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Blanco River at Wimberley [8171000]	10/05/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Chloro-pyrifos (µg/L)	Coumaphos (µg/L)	2,4-D (mg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	delta-BHC (µg/L)	Demeton, Total (µg/L)
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Las Moras Springs (RP-70-45-501)	07/30/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Hondo Creek near Tarpley [8200000]	05/07/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Hondo Creek near Tarpley [8200000]	10/08/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Medina River at Bandera [8178880]	05/08/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Medina River at Bandera [8178880]	10/09/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Seco Creek at Miller Ranch [8201500]	05/06/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Seco Creek at Miller Ranch [8201500]	10/07/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
SGCR-Point A	10/05/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
SGCR-Point B	10/05/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
SGCR-Point C	10/05/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Dry Frio River at Reagan Wells [8196000]	05/06/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Dry Frio River at Reagan Wells [8196000]	10/07/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Frio River at Concan [8195000]	05/06/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Frio River at Concan [8195000]	10/07/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Nueces River at Laguna [8190000]	05/05/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Nueces River at Laguna [8190000]	10/06/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Sabinal River near Sabinal [8198000]	05/06/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05
Sabinal River near Sabinal [8198000]	10/07/09	<0.05	<0.05	<0.50	<0.050	<0.050	<0.050	<0.050	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Diazinon (µg/L)	Dichloro-vos (µg/L)	Dieldrin (µg/L)	Dimethoate (µg/L)	Dinoseb (mg/L)	Disulfoton (µg/L)	Endo-sulfan I (µg/L)	Endo-sulfan II (µg/L)
Lorence Creek	10/22/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Lorence Creek	10/26/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Lorence Creek	10/26/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Pedro Springs	03/05/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Pedro Springs	11/04/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Pedro Springs	12/01/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs #3	03/02/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs #3	06/01/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs #3	07/06/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs #3	08/04/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs #3	09/02/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs #3	10/01/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs #3	11/03/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs #3	12/02/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs #7	03/03/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs #7	06/03/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs #7	07/07/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs #7	08/05/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs #7	09/02/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs #7	10/01/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs #7	11/03/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs #7	12/02/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs#1 (DX-68-23-301)	07/07/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Diazinon (µg/L)	Dichloro-vos (µg/L)	Dieldrin (µg/L)	Dimethoate (µg/L)	Dinoseb (mg/L)	Disulfoton (µg/L)	Endo-sulfan I (µg/L)	Endo-sulfan II (µg/L)
Comal Springs#1 (DX-68-23-301)	08/05/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs#1 (DX-68-23-301)	09/01/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs#1 (DX-68-23-301)	10/12/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs#1 (DX-68-23-301)	11/02/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Comal Springs#1 (DX-68-23-301)	11/30/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Hueco Springs A (DX-68-15-901)	03/03/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Hueco Springs A (DX-68-15-901)	06/03/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Hueco Springs A (DX-68-15-901)	07/07/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Hueco Springs A (DX-68-15-901)	08/04/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Hueco Springs A (DX-68-15-901)	09/01/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Hueco Springs A (DX-68-15-901)	10/01/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Hueco Springs A (DX-68-15-901)	11/03/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Hueco Springs A (DX-68-15-901)	12/01/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Hueco Springs B	11/03/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Hueco Springs B	12/01/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Blanco River at Wimberley [8171000]	05/04/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Blanco River at Wimberley [8171000]	10/05/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Diazinon (µg/L)	Dichloro-vos (µg/L)	Dieldrin (µg/L)	Dimethoate (µg/L)	Dinoseb (mg/L)	Disulfoton (µg/L)	Endo-sulfan I (µg/L)	Endo-sulfan II (µg/L)
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Las Moras Springs (RP-70-45-501)	07/30/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Hondo Creek near Tarpley [8200000]	05/07/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Hondo Creek near Tarpley [8200000]	10/08/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Medina River at Bandera [8178880]	05/08/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Medina River at Bandera [8178880]	10/09/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Seco Creek at Miller Ranch [8201500]	05/06/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Seco Creek at Miller Ranch [8201500]	10/07/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
SGCR-Point A	10/05/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
SGCR-Point B	10/05/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
SGCR-Point C	10/05/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Dry Frio River at Reagan Wells [8196000]	05/06/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Dry Frio River at Reagan Wells [8196000]	10/07/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Frio River at Concan [8195000]	05/06/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Frio River at Concan [8195000]	10/07/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Nueces River at Laguna [8190000]	05/05/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Nueces River at Laguna [8190000]	10/06/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Sabinal River near Sabinal [8198000]	05/06/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050
Sabinal River near Sabinal [8198000]	10/07/09	<0.05	<0.05	<0.050	<0.05	<0.50	<0.05	<0.050	<0.050

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Endosulfan sulfate (µg/L)	Endrin (µg/L)	Endrin aldehyde (µg/L)	Endrin ketone (µg/L)	EPN (µg/L)	Ethoprop (µg/L)	Fensulfo-thion (µg/L)	Fenthion (µg/L)
Lorence Creek	10/22/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Lorence Creek	10/26/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Lorence Creek	10/26/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Pedro Springs	03/05/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Pedro Springs	11/04/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Pedro Springs	12/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs #3	03/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs #3	06/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs #3	07/06/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs #3	08/04/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs #3	09/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs #3	10/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs #3	11/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs #3	12/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs #7	03/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs #7	06/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs #7	07/07/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs #7	08/05/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs #7	09/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs #7	10/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs #7	11/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs #7	12/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs#1 (DX-68-23-301)	07/07/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Endosulfan sulfate (µg/L)	Endrin (µg/L)	Endrin aldehyde (µg/L)	Endrin ketone (µg/L)	EPN (µg/L)	Ethoprop (µg/L)	Fensulfo-thion (µg/L)	Fenthion (µg/L)
Comal Springs#1 (DX-68-23-301)	08/05/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs#1 (DX-68-23-301)	09/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs#1 (DX-68-23-301)	10/12/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs#1 (DX-68-23-301)	11/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Comal Springs#1 (DX-68-23-301)	11/30/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Hueco Springs A (DX-68-15-901)	03/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Hueco Springs A (DX-68-15-901)	06/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Hueco Springs A (DX-68-15-901)	07/07/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Hueco Springs A (DX-68-15-901)	08/04/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Hueco Springs A (DX-68-15-901)	09/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Hueco Springs A (DX-68-15-901)	10/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Hueco Springs A (DX-68-15-901)	11/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Hueco Springs A (DX-68-15-901)	12/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Hueco Springs B	11/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Hueco Springs B	12/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Blanco River at Wimberley [8171000]	05/04/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Blanco River at Wimberley [8171000]	10/05/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Endosulfan sulfate (µg/L)	Endrin (µg/L)	Endrin aldehyde (µg/L)	Endrin ketone (µg/L)	EPN (µg/L)	Ethoprop (µg/L)	Fensulfo-thion (µg/L)	Fenthion (µg/L)
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Las Moras Springs (RP-70-45-501)	07/30/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Hondo Creek near Tarpley [8200000]	05/07/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Hondo Creek near Tarpley [8200000]	10/08/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Medina River at Bandera [8178880]	05/08/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Medina River at Bandera [8178880]	10/09/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Seco Creek at Miller Ranch [8201500]	05/06/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Seco Creek at Miller Ranch [8201500]	10/07/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
SGCR-Point A	10/05/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
SGCR-Point B	10/05/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
SGCR-Point C	10/05/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Dry Frio River at Reagan Wells [8196000]	05/06/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Dry Frio River at Reagan Wells [8196000]	10/07/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Frio River at Concan [8195000]	05/06/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Frio River at Concan [8195000]	10/07/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Nueces River at Laguna [8190000]	05/05/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Nueces River at Laguna [8190000]	10/06/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Sabinal River near Sabinal [8198000]	05/06/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05
Sabinal River near Sabinal [8198000]	10/07/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	gamma-BHC (µg/L)	gamma-Chlordane (µg/L)	Heptachlor (µg/L)	Hepta-chlor epoxide (µg/L)	Malathion (µg/L)	Merphos (µg/L)	Methoxy-chlor (µg/L)	Methyl parathion (µg/L)
Lorence Creek	10/22/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Lorence Creek	10/26/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Lorence Creek	10/26/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Pedro Springs	03/05/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Pedro Springs	11/04/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Pedro Springs	12/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs #3	03/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs #3	06/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs #3	07/06/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs #3	08/04/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs #3	09/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs #3	10/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs #3	11/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs #3	12/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs #7	03/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs #7	06/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs #7	07/07/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs #7	08/05/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs #7	09/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs #7	10/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs #7	11/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs #7	12/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	07/07/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	gamma-BHC (µg/L)	gamma-Chlordane (µg/L)	Heptachlor (µg/L)	Hepta-chlor epoxide (µg/L)	Malathion (µg/L)	Merphos (µg/L)	Methoxy-chlor (µg/L)	Methyl parathion (µg/L)
Comal Springs#1 (DX-68-23-301)	08/05/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	09/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	10/12/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	11/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Comal Springs#1 (DX-68-23-301)	11/30/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	03/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	06/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	07/07/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	08/04/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	09/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	10/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	11/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Hueco Springs A (DX-68-15-901)	12/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Hueco Springs B	11/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Hueco Springs B	12/01/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Blanco River at Wimberley [8171000]	05/04/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Blanco River at Wimberley [8171000]	10/05/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	gamma-BHC (µg/L)	gamma-Chlordane (µg/L)	Heptachlor (µg/L)	Hepta-chlor epoxide (µg/L)	Malathion (µg/L)	Merphos (µg/L)	Methoxy-chlor (µg/L)	Methyl parathion (µg/L)
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Las Moras Springs (RP-70-45-501)	07/30/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Hondo Creek near Tarpley [8200000]	05/07/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Hondo Creek near Tarpley [8200000]	10/08/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Medina River at Bandera [8178880]	05/08/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Medina River at Bandera [8178880]	10/09/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Seco Creek at Miller Ranch [8201500]	05/06/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Seco Creek at Miller Ranch [8201500]	10/07/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
SGCR-Point A	10/05/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
SGCR-Point B	10/05/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
SGCR-Point C	10/05/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Dry Frio River at Reagan Wells [8196000]	05/06/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Dry Frio River at Reagan Wells [8196000]	10/07/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Frio River at Concan [8195000]	05/06/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Frio River at Concan [8195000]	10/07/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Nueces River at Laguna [8190000]	05/05/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Nueces River at Laguna [8190000]	10/06/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Sabinal River near Sabinal [8198000]	05/06/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05
Sabinal River near Sabinal [8198000]	10/07/09	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Mirex (µg/L)	Monon-crotophos (µg/L)	Naled (µg/L)	Parathion (µg/L)	Penta-chloro-phenol (µg/L)	Phorate (µg/L)	Picloram (mg/L)	Ronnel (µg/L)
Lorence Creek	10/22/09	<0.050	<0.05	<0.05	<0.05	<10.0	<0.05	<0.50	<0.05
Lorence Creek	10/26/09	<0.050	<0.05	<0.05	<0.05	<10.0	<0.05	<0.50	<0.05
Lorence Creek	10/26/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
San Pedro Springs	03/05/09	<0.050	<0.05	<0.05	<0.05	<10.2	<0.05	<0.50	<0.05
San Pedro Springs	11/04/09	<0.050	<0.05	<0.05	<0.05	<11.9	<0.05	<0.50	<0.05
San Pedro Springs	12/01/09	<0.050	<0.05	<0.05	<0.05	<12.8	<0.05	<0.50	<0.05
Comal Springs #3	03/02/09	<0.050	<0.05	<0.05	<0.05	<10.2	<0.05	<0.50	<0.05
Comal Springs #3	06/01/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Comal Springs #3	07/06/09	<0.050	<0.05	<0.05	<0.05	<11.8	<0.05	<0.50	<0.05
Comal Springs #3	08/04/09	<0.050	<0.05	<0.05	<0.05	<12.5	<0.05	<0.50	<0.05
Comal Springs #3	09/02/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Comal Springs #3	10/01/09	<0.050	<0.05	<0.05	<0.05	<10.0	<0.05	<0.50	<0.05
Comal Springs #3	11/03/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Comal Springs #3	12/02/09	<0.050	<0.05	<0.05	<0.05	<10.6	<0.05	<0.50	<0.05
Comal Springs #7	03/03/09	<0.050	<0.05	<0.05	<0.05	<10.2	<0.05	<0.50	<0.05
Comal Springs #7	06/03/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Comal Springs #7	07/07/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Comal Springs #7	08/05/09	<0.050	<0.05	<0.05	<0.05	<11.1	<0.05	<0.50	<0.05
Comal Springs #7	09/02/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Comal Springs #7	10/01/09	<0.050	<0.05	<0.05	<0.05	<10.0	<0.05	<0.50	<0.05
Comal Springs #7	11/03/09	<0.050	<0.05	<0.05	<0.05	<11.6	<0.05	<0.50	<0.05
Comal Springs #7	12/02/09	<0.050	<0.05	<0.05	<0.05	<14.7	<0.05	<0.50	<0.05
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.050	<0.05	<0.05	<0.05	<10.0	<0.05	<0.50	<0.05
Comal Springs#1 (DX-68-23-301)	07/07/09	<0.050	<0.05	<0.05	<0.05	<10.3	<0.05	<0.50	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Mirex (µg/L)	Monon-crotophos (µg/L)	Naled (µg/L)	Parathion (µg/L)	Penta-chloro-phenol (µg/L)	Phorate (µg/L)	Picloram (mg/L)	Ronnel (µg/L)
Comal Springs#1 (DX-68-23-301)	08/05/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Comal Springs#1 (DX-68-23-301)	09/01/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Comal Springs#1 (DX-68-23-301)	10/12/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Comal Springs#1 (DX-68-23-301)	11/02/09	<0.050	<0.05	<0.05	<0.05	<13.2	<0.05	<0.50	<0.05
Comal Springs#1 (DX-68-23-301)	11/30/09	<0.050	<0.05	<0.05	<0.05	<10.9	<0.05	<0.50	<0.05
Hueco Springs A (DX-68-15-901)	03/03/09	<0.050	<0.05	<0.05	<0.05	<10.0	<0.05	<0.50	<0.05
Hueco Springs A (DX-68-15-901)	06/03/09	<0.050	<0.05	<0.05	<0.05	<10.0	<0.05	<0.50	<0.05
Hueco Springs A (DX-68-15-901)	07/07/09	<0.050	<0.05	<0.05	<0.05	<11.1	<0.05	<0.50	<0.05
Hueco Springs A (DX-68-15-901)	08/04/09	<0.050	<0.05	<0.05	<0.05	<12.5	<0.05	<0.50	<0.05
Hueco Springs A (DX-68-15-901)	09/01/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Hueco Springs A (DX-68-15-901)	10/01/09	<0.050	<0.05	<0.05	<0.05	<10.0	<0.05	<0.50	<0.05
Hueco Springs A (DX-68-15-901)	11/03/09	<0.050	<0.05	<0.05	<0.05	<10.0	<0.05	<0.50	<0.05
Hueco Springs A (DX-68-15-901)	12/01/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Hueco Springs B	11/03/09	<0.050	<0.05	<0.05	<0.05	<13.2	<0.05	<0.50	<0.05
Hueco Springs B	12/01/09	<0.050	<0.05	<0.05	<0.05	<10.4	<0.05	<0.50	<0.05
Blanco River at Wimberley [8171000]	05/04/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Blanco River at Wimberley [8171000]	10/05/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.050	<0.05	<0.05	<0.05	<10.0	<0.05	<0.50	<0.05
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<0.050	<0.05	<0.05	<0.05	<10.0	<0.05	<0.50	<0.05
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<0.050	<0.05	<0.05	<0.05	<10.3	<0.05	<0.50	<0.05
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<0.050	<0.05	<0.05	<0.05	<14.3	<0.05	<0.50	<0.05
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<0.050	<0.05	<0.05	<0.05	<10.0	<0.05	<0.50	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.050	<0.05	<0.05	<0.05	<10.0	<0.05	<0.50	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.050	<0.05	<0.05	<0.05	<10.0	<0.05	<0.50	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Mirex (µg/L)	Monon-crotophos (µg/L)	Naled (µg/L)	Parathion (µg/L)	Penta-chloro-phenol (µg/L)	Phorate (µg/L)	Picloram (mg/L)	Ronnel (µg/L)
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<0.050	<0.05	<0.05	<0.05	<12.1	<0.05	<0.50	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<0.050	<0.05	<0.05	<0.05	<10.0	<0.05	<0.50	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<0.050	<0.05	<0.05	<0.05	<14.3	<0.05	<0.50	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Las Moras Springs (RP-70-45-501)	07/30/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Hondo Creek near Tarpley [8200000]	05/07/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Hondo Creek near Tarpley [8200000]	10/08/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Medina River at Bandera [8178880]	05/08/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Medina River at Bandera [8178880]	10/09/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Seco Creek at Miller Ranch [8201500]	05/06/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Seco Creek at Miller Ranch [8201500]	10/07/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
SGCR-Point A	10/05/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
SGCR-Point B	10/05/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
SGCR-Point C	10/05/09	<0.050	<0.05	<0.05	<0.05	0.25J	<0.05	<0.50	<0.05
Dry Frio River at Reagan Wells [8196000]	05/06/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Dry Frio River at Reagan Wells [8196000]	10/07/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Frio River at Concan [8195000]	05/06/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Frio River at Concan [8195000]	10/07/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Nueces River at Laguna [8190000]	05/05/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Nueces River at Laguna [8190000]	10/06/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Sabinal River near Sabinal [8198000]	05/06/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05
Sabinal River near Sabinal [8198000]	10/07/09	<0.050	<0.05	<0.05	<0.05	<0.50	<0.05	<0.50	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Simazine (µg/L)	Stirophos (µg/L)	Sulfotepp (µg/L)	2,4,5-T (mg/L)	TEPP (µg/L)	Tokuthion (µg/L)	Total PCBs (µg/L)	Toxaphene (µg/L)
Lorence Creek	10/22/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Lorence Creek	10/26/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Lorence Creek	10/26/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Pedro Springs	03/05/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Pedro Springs	11/04/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Pedro Springs	12/01/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs #3	03/02/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs #3	06/01/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs #3	07/06/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs #3	08/04/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs #3	09/02/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs #3	10/01/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs #3	11/03/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs #3	12/02/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs #7	03/03/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs #7	06/03/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs #7	07/07/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs #7	08/05/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs #7	09/02/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs #7	10/01/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs #7	11/03/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs #7	12/02/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs#1 (DX-68-23-301)	07/07/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Simazine (µg/L)	Stirophos (µg/L)	Sulfotepp (µg/L)	2,4,5-T (mg/L)	TEPP (µg/L)	Tokuthion (µg/L)	Total PCBs (µg/L)	Toxaphene (µg/L)
Comal Springs#1 (DX-68-23-301)	08/05/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs#1 (DX-68-23-301)	09/01/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs#1 (DX-68-23-301)	10/12/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs#1 (DX-68-23-301)	11/02/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Comal Springs#1 (DX-68-23-301)	11/30/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Hueco Springs A (DX-68-15-901)	03/03/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Hueco Springs A (DX-68-15-901)	06/03/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Hueco Springs A (DX-68-15-901)	07/07/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Hueco Springs A (DX-68-15-901)	08/04/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Hueco Springs A (DX-68-15-901)	09/01/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Hueco Springs A (DX-68-15-901)	10/01/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Hueco Springs A (DX-68-15-901)	11/03/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Hueco Springs A (DX-68-15-901)	12/01/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Hueco Springs B	11/03/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Hueco Springs B	12/01/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Blanco River at Wimberley [8171000]	05/04/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Blanco River at Wimberley [8171000]	10/05/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Simazine (µg/L)	Stirophos (µg/L)	Sulfotepp (µg/L)	2,4,5-T (mg/L)	TEPP (µg/L)	Tokuthion (µg/L)	Total PCBs (µg/L)	Toxaphene (µg/L)
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Las Moras Springs (RP-70-45-501)	07/30/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Hondo Creek near Tarpley [8200000]	05/07/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Hondo Creek near Tarpley [8200000]	10/08/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Medina River at Bandera [8178880]	05/08/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Medina River at Bandera [8178880]	10/09/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Seco Creek at Miller Ranch [8201500]	05/06/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Seco Creek at Miller Ranch [8201500]	10/07/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
SGCR-Point A	10/05/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
SGCR-Point B	10/05/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
SGCR-Point C	10/05/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Dry Frio River at Reagan Wells [8196000]	05/06/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Dry Frio River at Reagan Wells [8196000]	10/07/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Frio River at Concan [8195000]	05/06/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Frio River at Concan [8195000]	10/07/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Nueces River at Laguna [8190000]	05/05/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Nueces River at Laguna [8190000]	10/06/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Sabinal River near Sabinal [8198000]	05/06/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050
Sabinal River near Sabinal [8198000]	10/07/09	<0.05	<0.05	<0.05	<0.50	<0.05	<0.05	<7.00	<0.050

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	2,4,5-TP (mg/L)	Trichloronate (µg/L)
Lorence Creek	10/22/09	<0.50	<0.05
Lorence Creek	10/26/09	<0.50	<0.05
Lorence Creek	10/26/09	<0.50	<0.05
San Pedro Springs	03/05/09	<0.50	<0.05
San Pedro Springs	11/04/09	<0.50	<0.05
San Pedro Springs	12/01/09	<0.50	<0.05
Comal Springs #3	03/02/09	<0.50	<0.05
Comal Springs #3	06/01/09	<0.50	<0.05
Comal Springs #3	07/06/09	<0.50	<0.05
Comal Springs #3	08/04/09	<0.50	<0.05
Comal Springs #3	09/02/09	<0.50	<0.05
Comal Springs #3	10/01/09	<0.50	<0.05
Comal Springs #3	11/03/09	<0.50	<0.05
Comal Springs #3	12/02/09	<0.50	<0.05
Comal Springs #7	03/03/09	<0.50	<0.05
Comal Springs #7	06/03/09	<0.50	<0.05
Comal Springs #7	07/07/09	<0.50	<0.05
Comal Springs #7	08/05/09	<0.50	<0.05
Comal Springs #7	09/02/09	<0.50	<0.05
Comal Springs #7	10/01/09	<0.50	<0.05
Comal Springs #7	11/03/09	<0.50	<0.05
Comal Springs #7	12/02/09	<0.50	<0.05
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.50	<0.05
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.50	<0.05
Comal Springs#1 (DX-68-23-301)	07/07/09	<0.50	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	2,4,5-TP (mg/L)	Trichloronate (µg/L)
Comal Springs#1 (DX-68-23-301)	08/05/09	<0.50	<0.05
Comal Springs#1 (DX-68-23-301)	09/01/09	<0.50	<0.05
Comal Springs#1 (DX-68-23-301)	10/12/09	<0.50	<0.05
Comal Springs#1 (DX-68-23-301)	11/02/09	<0.50	<0.05
Comal Springs#1 (DX-68-23-301)	11/30/09	<0.50	<0.05
Hueco Springs A (DX-68-15-901)	03/03/09	<0.50	<0.05
Hueco Springs A (DX-68-15-901)	06/03/09	<0.50	<0.05
Hueco Springs A (DX-68-15-901)	07/07/09	<0.50	<0.05
Hueco Springs A (DX-68-15-901)	08/04/09	<0.50	<0.05
Hueco Springs A (DX-68-15-901)	09/01/09	<0.50	<0.05
Hueco Springs A (DX-68-15-901)	10/01/09	<0.50	<0.05
Hueco Springs A (DX-68-15-901)	11/03/09	<0.50	<0.05
Hueco Springs A (DX-68-15-901)	12/01/09	<0.50	<0.05
Hueco Springs B	11/03/09	<0.50	<0.05
Hueco Springs B	12/01/09	<0.50	<0.05
Blanco River at Wimberley [8171000]	05/04/09	<0.50	<0.05
Blanco River at Wimberley [8171000]	10/05/09	<0.50	<0.05
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.50	<0.05
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<0.50	<0.05
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<0.50	<0.05
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<0.50	<0.05
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<0.50	<0.05
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<0.50	<0.05
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<0.50	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.50	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.50	<0.05

Table C-12. (cont.) Analytical data for pesticides, herbicides, and PCB (Aroclors) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	2,4,5-TP (mg/L)	Trichloronate (µg/L)
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<0.50	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<0.50	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<0.50	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<0.50	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<0.50	<0.05
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<0.50	<0.05
Las Moras Springs (RP-70-45-501)	07/30/09	<0.50	<0.05
Hondo Creek near Tarpley [8200000]	05/07/09	<0.50	<0.05
Hondo Creek near Tarpley [8200000]	10/08/09	<0.50	<0.05
Medina River at Bandera [8178880]	05/08/09	<0.50	<0.05
Medina River at Bandera [8178880]	10/09/09	<0.50	<0.05
Seco Creek at Miller Ranch [8201500]	05/06/09	<0.50	<0.05
Seco Creek at Miller Ranch [8201500]	10/07/09	<0.50	<0.05
SGCR-Point A	10/05/09	<0.50	<0.05
SGCR-Point B	10/05/09	<0.50	<0.05
SGCR-Point C	10/05/09	<0.50	<0.05
Dry Frio River at Reagan Wells [8196000]	05/06/09	<0.50	<0.05
Dry Frio River at Reagan Wells [8196000]	10/07/09	<0.50	<0.05
Frio River at Concan [8195000]	05/06/09	<0.50	<0.05
Frio River at Concan [8195000]	10/07/09	<0.50	<0.05
Nueces River at Laguna [8190000]	05/05/09	<0.50	<0.05
Nueces River at Laguna [8190000]	10/06/09	<0.50	<0.05
Sabinal River near Sabinal [8198000]	05/06/09	<0.50	<0.05
Sabinal River near Sabinal [8198000]	10/07/09	<0.50	<0.05

NA = Not Analyzed

Table C-13. Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Acetone (µg/L)	Aceto-nitrile (µg/L)	Acrolein (µg/L)	Acrylon-itrile (µg/L)	Allyl Alcohol (µg/L)	Benzene (µg/L)	Benzyl Chloride (µg/L)	Bromo-acetone (µg/L)
Lorence Creek	10/22/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Lorence Creek	10/26/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Lorence Creek	10/26/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Pedro Springs	03/05/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Pedro Springs	11/04/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Pedro Springs	12/01/09	NA	NA	NA	NA	NA	NA	NA	NA
Comal Springs #3	03/02/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs #3	06/01/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs #3	07/06/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs #3	08/04/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs #3	09/02/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs #3	10/01/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs #3	11/03/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs #3	12/02/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs #7	03/03/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs #7	06/03/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs #7	07/07/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs #7	08/05/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs #7	09/02/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs #7	10/01/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs #7	11/03/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs #7	12/02/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs#1 (DX-68-23-301)	03/02/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs#1 (DX-68-23-301)	06/01/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs#1 (DX-68-23-301)	07/07/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs#1 (DX-68-23-301)	08/05/09	NA	NA	NA	NA	NA	NA	NA	NA
Comal Springs#1 (DX-68-23-301)	09/01/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs#1 (DX-68-23-301)	10/12/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs#1 (DX-68-23-301)	11/02/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Comal Springs#1 (DX-68-23-301)	11/30/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Acetone (µg/L)	Aceto-nitrile (µg/L)	Acrolein (µg/L)	Acrylon-itrile (µg/L)	Allyl Alcohol (µg/L)	Benzene (µg/L)	Benzyl Chloride (µg/L)	Bromo-acetone (µg/L)
Hueco Springs A (DX-68-15-901)	03/03/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Hueco Springs A (DX-68-15-901)	06/03/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Hueco Springs A (DX-68-15-901)	07/07/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Hueco Springs A (DX-68-15-901)	08/04/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Hueco Springs A (DX-68-15-901)	09/01/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Hueco Springs A (DX-68-15-901)	10/01/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Hueco Springs A (DX-68-15-901)	11/03/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Hueco Springs A (DX-68-15-901)	12/01/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Hueco Springs B	11/03/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Hueco Springs B	12/01/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	NA	NA	NA	NA	NA	NA	NA	NA
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Sink Spring	12/07/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
Las Moras Springs (RP-70-45-501)	07/30/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
SGCR-Point A	10/05/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
SGCR-Point B	10/05/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00
SGCR-Point C	10/08/09	<1.00	<1.00	<0.50	<0.50	<1.00	<0.50	<1.00	<1.00

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Bromo-benzene (µg/L)	Bromo-chloro-methane (µg/L)	Bromo-dichloro-methane (µg/L)	Bromoform (µg/L)	Bromo-methane (µg/L)	2-Butanone (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)
Lorence Creek	10/22/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Lorence Creek	10/26/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Lorence Creek	10/26/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Pedro Springs	03/05/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Pedro Springs	11/04/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Pedro Springs	12/01/09	NA	NA	NA	NA	NA	NA	NA	NA
Comal Springs #3	03/02/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	06/01/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	07/06/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	08/04/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	09/02/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	10/01/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	11/03/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	12/02/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	03/03/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	06/03/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	07/07/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	08/05/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	09/02/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	10/01/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	11/03/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	12/02/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	07/07/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	08/05/09	NA	NA	NA	NA	NA	NA	NA	NA
Comal Springs#1 (DX-68-23-301)	09/01/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	10/12/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/02/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/30/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Bromo-benzene (µg/L)	Bromo-chloro-methane (µg/L)	Bromo-dichloro-methane (µg/L)	Bromoform (µg/L)	Bromo-methane (µg/L)	2-Butanone (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)
Hueco Springs A (DX-68-15-901)	03/03/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	06/03/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	07/07/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	08/04/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	09/01/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	10/01/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	11/03/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	12/01/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs B	11/03/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs B	12/01/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	NA	NA	NA	NA	NA	NA	NA	NA
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Sink Spring	12/07/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Las Moras Springs (RP-70-45-501)	07/30/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
SGCR-Point A	10/05/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
SGCR-Point B	10/05/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
SGCR-Point C	10/08/09	<0.50	<1.00	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Chloral Hydrate (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	2-Chloro-ethyl vinyl ether (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	2-Chloro-toluene (µg/L)	4-Chloro-toluene (µg/L)
Lorence Creek	10/22/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Lorence Creek	10/26/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Lorence Creek	10/26/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Pedro Springs	03/05/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Pedro Springs	11/04/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Pedro Springs	12/01/09	NA	NA	NA	NA	NA	NA	NA	NA
Comal Springs #3	03/02/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	06/01/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	07/06/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	08/04/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	09/02/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	10/01/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	11/03/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	12/02/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	03/03/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	06/03/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	07/07/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	08/05/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	09/02/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	10/01/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	11/03/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	12/02/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	03/02/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	06/01/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	07/07/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	08/05/09	NA	NA	NA	NA	NA	NA	NA	NA
Comal Springs#1 (DX-68-23-301)	09/01/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	10/12/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/02/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/30/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Chloral Hydrate (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	2-Chloro-ethyl vinyl ether (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	2-Chloro-toluene (µg/L)	4-Chloro-toluene (µg/L)
Hueco Springs A (DX-68-15-901)	03/03/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	06/03/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	07/07/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	08/04/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	09/01/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	10/01/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	11/03/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	12/01/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs B	11/03/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs B	12/01/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	NA	NA	NA	NA	NA	NA	NA	NA
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Sink Spring	12/07/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Las Moras Springs (RP-70-45-501)	07/30/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
SGCR-Point A	10/05/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
SGCR-Point B	10/05/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
SGCR-Point C	10/08/09	<1.00	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	1,2-Dibromo-3-chloro-propane (µg/L)	Dibromo-chloro-methane (µg/L)	1,2-Dibromo-ethane (µg/L)	Dibromo-methane (µg/L)	Dichloro-difluoromethane (µg/L)	1,2-Dichloro-benzene (µg/L)
Lorence Creek	10/22/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
Lorence Creek	10/26/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
Lorence Creek	10/26/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
San Pedro Springs	03/05/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.2
San Pedro Springs	11/04/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<11.9
San Pedro Springs	12/01/09	NA	NA	NA	NA	NA	NA	NA	<12.8
Comal Springs #3	03/02/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.2
Comal Springs #3	06/01/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
Comal Springs #3	07/06/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<11.8
Comal Springs #3	08/04/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<12.5
Comal Springs #3	09/02/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	10/01/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
Comal Springs #3	11/03/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.4
Comal Springs #3	12/02/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.6
Comal Springs #7	03/03/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.2
Comal Springs #7	06/03/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
Comal Springs #7	07/07/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<11.8
Comal Springs #7	08/05/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<11.1
Comal Springs #7	09/02/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	10/01/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
Comal Springs #7	11/03/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<11.6
Comal Springs #7	12/02/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<14.7
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<14.3
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
Comal Springs#1 (DX-68-23-301)	07/07/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.3
Comal Springs#1 (DX-68-23-301)	08/05/09	NA	NA	NA	NA	NA	NA	NA	<11.1
Comal Springs#1 (DX-68-23-301)	09/01/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	10/12/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/02/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<13.2
Comal Springs#1 (DX-68-23-301)	11/30/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.9

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	1,2-Dibromo-3-chloro-propane (µg/L)	Dibromo-chloro-methane (µg/L)	1,2-Dibromo-ethane (µg/L)	Dibromo-methane (µg/L)	Dichloro-difluorom ethane (µg/L)	1,2-Dichloro-benzene (µg/L)
Hueco Springs A (DX-68-15-901)	03/03/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
Hueco Springs A (DX-68-15-901)	06/03/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
Hueco Springs A (DX-68-15-901)	07/07/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<11.1
Hueco Springs A (DX-68-15-901)	08/04/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<12.5
Hueco Springs A (DX-68-15-901)	09/01/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	10/01/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
Hueco Springs A (DX-68-15-901)	11/03/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
Hueco Springs A (DX-68-15-901)	12/01/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<14.7
Hueco Springs B	11/03/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<13.2
Hueco Springs B	12/01/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.4
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.3
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<14.3
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<12.1
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	NA	NA	NA	NA	NA	NA	NA	<14.3
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<10.9
Sink Spring	12/07/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Las Moras Springs (RP-70-45-501)	07/30/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
SGCR-Point A	10/05/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
SGCR-Point B	10/05/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
SGCR-Point C	10/08/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,1-Dichloro-ethane (µg/L)	1,2-Dichloro-ethane (µg/L)	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-propane (µg/L)	1,3-Dichloro-propane (µg/L)	2,2-Dichloro-propane (µg/L)
Lorence Creek	10/22/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Lorence Creek	10/26/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Lorence Creek	10/26/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Pedro Springs	03/05/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Pedro Springs	11/04/09	<0.50	<11.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Pedro Springs	12/01/09	<12.8	<12.8	NA	NA	NA	NA	NA	NA
Comal Springs #3	03/02/09	<0.50	<10.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	06/01/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	07/06/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	08/04/09	<0.50	<12.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	09/02/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	10/01/09	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	11/03/09	<0.50	<10.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	12/02/09	<0.50	<10.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	03/03/09	<0.50	<10.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	06/03/09	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	07/07/09	<0.50	<11.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	08/05/09	<0.50	<11.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	09/02/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	10/01/09	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	11/03/09	<0.50	<11.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	12/02/09	<0.50	<14.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.50	<14.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	07/07/09	<0.50	<10.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	08/05/09	<11.1	<11.1	NA	NA	NA	NA	NA	NA
Comal Springs#1 (DX-68-23-301)	09/01/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	10/12/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/02/09	<0.50	<13.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/30/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,1-Dichloro-ethane (µg/L)	1,2-Dichloro-ethane (µg/L)	1,1-Dichloro-ethene (µg/L)	1,2-Dichloro-propane (µg/L)	1,3-Dichloro-propane (µg/L)	2,2-Dichloro-propane (µg/L)
Hueco Springs A (DX-68-15-901)	03/03/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	06/03/09	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	07/07/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	08/04/09	<0.50	<12.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	09/01/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	10/01/09	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	11/03/09	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	12/01/09	<0.50	<14.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hueco Springs B	11/03/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hueco Springs B	12/01/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<0.50	<14.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.50	<10.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<0.50	<12.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<14.3	<14.3	NA	NA	NA	NA	NA	NA
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<0.50	<10.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Sink Spring	12/07/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Las Moras Springs (RP-70-45-501)	07/30/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SGCR-Point A	10/05/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SGCR-Point B	10/05/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SGCR-Point C	10/08/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	1,1-Dichloro-propene (µg/L)	Ethyl-benzene (µg/L)	1,3-Dichloro-propene (µg/L)	Hexachloro-butadiene (µg/L)	2-Hexanone (µg/L)	Iodo-methane (µg/L)	Isopropyl benzene (µg/L)	4-Iso-propyl-toluene (µg/L)
Lorence Creek	10/22/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Lorence Creek	10/26/09	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50	<0.50
Lorence Creek	10/26/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
San Pedro Springs	03/05/09	<0.50	<0.50	<1.00	<10.2	<0.50	<0.50	<0.50	<0.50
San Pedro Springs	11/04/09	<0.50	<0.50	<1.00	<11.9	<0.50	<0.50	<0.50	<0.50
San Pedro Springs	12/01/09	NA	NA	NA	<12.8	NA	NA	NA	NA
Comal Springs #3	03/02/09	<0.50	<0.50	<1.00	<10.2	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	06/01/09	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	07/06/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	08/04/09	<0.50	<0.50	<1.00	<12.5	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	09/02/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	10/01/09	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	11/03/09	<0.50	<0.50	<1.00	<10.4	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	12/02/09	<0.50	<0.50	<1.00	<10.6	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	03/03/09	<0.50	<0.50	<1.00	<10.2	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	06/03/09	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	07/07/09	<0.50	<0.50	<1.00	<11.8	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	08/05/09	<0.50	<0.50	<1.00	<11.1	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	09/02/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	10/01/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	11/03/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	12/02/09	<0.50	<0.50	<1.00	<14.7	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.50	<0.50	<1.00	<14.3	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	07/07/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	08/05/09	NA	NA	NA	<11.1	NA	NA	NA	NA
Comal Springs#1 (DX-68-23-301)	09/01/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	10/12/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/02/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/30/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	1,1-Dichloro-propene (µg/L)	Ethyl-benzene (µg/L)	1,3-Dichloro-propene (µg/L)	Hexachloro-butadiene (µg/L)	2-Hexanone (µg/L)	Iodo-methane (µg/L)	Isopropyl benzene (µg/L)	4-Iso-propyl-toluene (µg/L)
Hueco Springs A (DX-68-15-901)	03/03/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	06/03/09	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	07/07/09	<0.50	<0.50	<1.00	<11.1	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	08/04/09	<0.50	<0.50	<1.00	<12.5	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	09/01/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	10/01/09	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	11/03/09	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	12/01/09	<0.50	<0.50	<1.00	<14.7	<0.50	<0.50	<0.50	<0.50
Hueco Springs B	11/03/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Hueco Springs B	12/01/09	<0.50	<0.50	<1.00	<10.4	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<0.50	<0.50	<1.00	<10.3	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<0.50	<0.50	<1.00	<14.3	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	NA	NA	NA	<14.3	NA	NA	NA	NA
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<0.50	<0.50	<1.00	<10.9	<0.50	<0.50	<0.50	<0.50
Sink Spring	12/07/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
Las Moras Springs (RP-70-45-501)	07/30/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
SGCR-Point A	10/05/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
SGCR-Point B	10/05/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50
SGCR-Point C	10/08/09	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50	<0.50

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	m,p-Xylene (µg/L)	Methyl tert-butyl ether (µg/L)	4-Methyl-2-pentanone (µg/L)	Methylene Chloride (µg/L)	Naphthalene (µg/L)	n-Butanol (µg/L)	n-Butylbenzene (µg/L)	n-Propylbenzene (µg/L)
Lorence Creek	10/22/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Lorence Creek	10/26/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Lorence Creek	10/26/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
San Pedro Springs	03/05/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
San Pedro Springs	11/04/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
San Pedro Springs	12/01/09	NA	NA	NA	NA	<12.8	NA	NA	NA
Comal Springs #3	03/02/09	<1.00	<0.50	<0.50	<0.50	<10.2	<1.00	<0.50	<0.50
Comal Springs #3	06/01/09	<1.00	<0.50	<0.50	<0.50	<10.0	<1.00	<0.50	<0.50
Comal Springs #3	07/06/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Comal Springs #3	08/04/09	<1.00	<0.50	<0.50	<0.50	<12.5	<1.00	<0.50	<0.50
Comal Springs #3	09/02/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Comal Springs #3	10/01/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Comal Springs #3	11/03/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Comal Springs #3	12/02/09	<1.00	<0.50	<0.50	<0.50	<10.6	<1.00	<0.50	<0.50
Comal Springs #7	03/03/09	<1.00	<0.50	<0.50	<0.50	<10.2	<1.00	<0.50	<0.50
Comal Springs #7	06/03/09	<1.00	<0.50	<0.50	<0.50	<10.0	<1.00	<0.50	<0.50
Comal Springs #7	07/07/09	<1.00	<0.50	<0.50	<0.50	<11.8	<1.00	<0.50	<0.50
Comal Springs #7	08/05/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Comal Springs #7	09/02/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Comal Springs #7	10/01/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Comal Springs #7	11/03/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Comal Springs #7	12/02/09	<1.00	<0.50	<0.50	<0.50	<14.7	<1.00	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	03/02/09	<1.00	<0.50	<0.50	<0.50	<14.3	<1.00	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	06/01/09	<1.00	<0.50	<0.50	<0.50	<10.0	<1.00	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	07/07/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	08/05/09	NA	NA	NA	NA	<11.1	NA	NA	NA
Comal Springs#1 (DX-68-23-301)	09/01/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	10/12/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/02/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/30/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	m,p-Xylene (µg/L)	Methyl tert-butyl ether (µg/L)	4-Methyl-2-pentanone (µg/L)	Methylene Chloride (µg/L)	Naphthalene (µg/L)	n-Butanol (µg/L)	n-Butylbenzene (µg/L)	n-Propylbenzene (µg/L)
Hueco Springs A (DX-68-15-901)	03/03/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	06/03/09	<1.00	<0.50	<0.50	<0.50	<10.0	<1.00	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	07/07/09	<1.00	<0.50	<0.50	<0.50	<11.1	<1.00	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	08/04/09	<1.00	<0.50	<0.50	<0.50	<12.5	<1.00	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	09/01/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	10/01/09	<1.00	<0.50	<0.50	<0.50	<10.0	<1.00	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	11/03/09	<1.00	<0.50	<0.50	<0.50	<10.0	<1.00	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	12/01/09	<1.00	<0.50	<0.50	<0.50	<14.7	<1.00	<0.50	<0.50
Hueco Springs B	11/03/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Hueco Springs B	12/01/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<1.00	<0.50	<0.50	<0.50	<10.0	<1.00	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<1.00	<0.50	<0.50	<0.50	<10.0	<1.00	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<1.00	<0.50	<0.50	<0.50	<14.3	<1.00	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<1.00	<0.50	<0.50	<0.50	<10.0	<1.00	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<1.00	<0.50	<0.50	<0.50	<10.0	<1.00	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<1.00	<0.50	<0.50	<0.50	<10.0	<1.00	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	NA	NA	NA	NA	<14.3	NA	NA	NA
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<1.00	<0.50	<0.50	<0.50	<10.9	<1.00	<0.50	<0.50
Sink Spring	12/07/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
Las Moras Springs (RP-70-45-501)	07/30/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
SGCR-Point A	10/05/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
SGCR-Point B	10/05/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50
SGCR-Point C	10/08/09	<1.00	<0.50	<0.50	<0.50	<1.00	<1.00	<0.50	<0.50

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	o-Xylene (µg/L)	sec-Butyl-benzene (µg/L)	Styrene (µg/L)	tert-Butyl-benzene (µg/L)	1,2,4,5-Tetra-chloro-benzene (µg/L)	1,1,1,2-Tetra-chloro-ethane (µg/L)	1,1,2,2-Tetra-chloro-ethane (µg/L)	Tetra-chloro-ethene (µg/L)
Lorence Creek	10/22/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Lorence Creek	10/26/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Lorence Creek	10/26/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Pedro Springs	03/05/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Pedro Springs	11/04/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Pedro Springs	12/01/09	NA	NA	NA	NA	NA	NA	NA	NA
Comal Springs #3	03/02/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	06/01/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	07/06/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	08/04/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	09/02/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	10/01/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	11/03/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #3	12/02/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	03/03/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	06/03/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	07/07/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	08/05/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	09/02/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	10/01/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	11/03/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs #7	12/02/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	07/07/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	08/05/09	NA	NA	NA	NA	NA	NA	NA	NA
Comal Springs#1 (DX-68-23-301)	09/01/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	10/12/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/02/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/30/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	o-Xylene (µg/L)	sec-Butyl-benzene (µg/L)	Styrene (µg/L)	tert-Butyl-benzene (µg/L)	1,2,4,5-Tetra-chloro-benzene (µg/L)	1,1,1,2-Tetra-chloro-ethane (µg/L)	1,1,2,2-Tetra-chloro-ethane (µg/L)	Tetra-chloro-ethene (µg/L)
Hueco Springs A (DX-68-15-901)	03/03/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	06/03/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	07/07/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	08/04/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	09/01/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	10/01/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	11/03/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	12/01/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs B	11/03/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Hueco Springs B	12/01/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	NA	NA	NA	NA	NA	NA	NA	NA
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Sink Spring	12/07/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
Las Moras Springs (RP-70-45-501)	07/30/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
SGCR-Point A	10/05/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
SGCR-Point B	10/05/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50
SGCR-Point C	10/08/09	<0.50	<0.50	<1.00	<0.50	<1.00	<0.50	<0.50	<0.50

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)	trans-1,3-Dichloro-propene (µg/L)	1,2,3-Trichloro-benzene (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,1,1-Trichloro-ethane (µg/L)	1,1,2-Trichloro-ethane (µg/L)	Trichloro-ethene (µg/L)
Lorence Creek	10/22/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Lorence Creek	10/26/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Lorence Creek	10/26/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Pedro Springs	03/05/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Pedro Springs	11/04/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Pedro Springs	12/01/09	NA	NA	NA	NA	<12.8	NA	NA	NA
Comal Springs #3	03/02/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	06/01/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	07/06/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	08/04/09	<0.50	<0.50	<0.50	<1.00	<12.5	<0.50	<0.50	<0.50
Comal Springs #3	09/02/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	10/01/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	11/03/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	12/02/09	<0.50	<0.50	<0.50	<1.00	<10.6	<0.50	<0.50	<0.50
Comal Springs #7	03/03/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	06/03/09	<0.50	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50
Comal Springs #7	07/07/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	08/05/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	09/02/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	10/01/09	<0.50	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50
Comal Springs #7	11/03/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	12/02/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	07/07/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	08/05/09	NA	NA	NA	NA	<11.1	NA	NA	NA
Comal Springs#1 (DX-68-23-301)	09/01/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	10/12/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/02/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/30/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)	trans-1,3-Dichloro-propene (µg/L)	1,2,3-Trichloro-benzene (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,1,1-Trichloro-ethane (µg/L)	1,1,2-Trichloro-ethane (µg/L)	Trichloro-ethene (µg/L)
Hueco Springs A (DX-68-15-901)	03/03/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	06/03/09	<0.50	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	07/07/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	08/04/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	09/01/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	10/01/09	<0.50	<0.50	<0.50	<1.00	<10.0	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	11/03/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	12/01/09	<0.50	<0.50	<0.50	<1.00	<14.7	<0.50	<0.50	<0.50
Hueco Springs B	11/03/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Hueco Springs B	12/01/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<0.50	<0.50	<0.50	<1.00	<14.3	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<0.50	<0.50	<0.50	<1.00	<12.1	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	NA	NA	NA	NA	<14.3	NA	NA	NA
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Sink Spring	12/07/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Las Moras Springs (RP-70-45-501)	07/30/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
SGCR-Point A	10/05/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
SGCR-Point B	10/05/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
SGCR-Point C	10/08/09	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Trichloro-fluoro-methane (µg/L)	1,2,3-Trichloro-propane (µg/L)	1,2,4-Trimethyl-benzene (µg/L)	1,3,5-Trimethyl-benzene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)
Lorence Creek	10/22/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Lorence Creek	10/26/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Lorence Creek	10/26/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Pedro Springs	03/05/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Pedro Springs	11/04/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Pedro Springs	12/01/09	NA	NA	NA	NA	NA	NA
Comal Springs #3	03/02/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	06/01/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	07/06/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	08/04/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	09/02/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	10/01/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	11/03/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #3	12/02/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	03/03/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	06/03/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	07/07/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	08/05/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	09/02/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	10/01/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	11/03/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs #7	12/02/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	03/02/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	06/01/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	07/07/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	08/05/09	NA	NA	NA	NA	NA	NA
Comal Springs#1 (DX-68-23-301)	09/01/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	10/12/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/02/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Comal Springs#1 (DX-68-23-301)	11/30/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50

Table C-13. (cont.) Analytical data for volatile organic compounds (VOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Trichloro-fluoro-methane (µg/L)	1,2,3-Trichloro-propane (µg/L)	1,2,4-Trimethyl-benzene (µg/L)	1,3,5-Trimethyl-benzene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)
Hueco Springs A (DX-68-15-901)	03/03/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	06/03/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	07/07/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	08/04/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	09/01/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	10/01/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	11/03/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Hueco Springs A (DX-68-15-901)	12/01/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Hueco Springs B	11/03/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Hueco Springs B	12/01/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	08/31/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	NA	NA	NA	NA	NA	NA
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Sink Spring	12/07/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
Las Moras Springs (RP-70-45-501)	07/30/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
SGCR-Point A	10/05/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
SGCR-Point B	10/05/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50
SGCR-Point C	10/08/09	<0.50	<1.00	<0.50	<0.50	<0.50	<0.50

NA = Not Analyzed

Table C-14. Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Acena-phthene (µg/L)	Acena-phthylene (µg/L)	Aniline (µg/L)	Anthracene (µg/L)	Azobenzene (µg/L)	Benzidine (µg/L)	Benzo(a)-anthra-cene (µg/L)	Benzo(a)-pyrene (µg/L)
Lorence Creek	10/22/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Pedro Springs	03/05/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
San Pedro Springs	11/04/09	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9
San Pedro Springs	12/01/09	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8
Comal Springs #3	03/02/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #3	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	07/06/09	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #3	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
Comal Springs #3	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	11/03/09	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4
Comal Springs #3	12/02/09	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6
Comal Springs #7	03/03/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #7	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	07/07/09	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #7	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1
Comal Springs #7	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	11/03/09	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6
Comal Springs #7	12/02/09	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7
Comal Springs#1 (DX-68-23-301)	03/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
Comal Springs#1 (DX-68-23-301)	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs#1 (DX-68-23-301)	07/07/09	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3
Comal Springs#1 (DX-68-23-301)	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Acena-phthene (µg/L)	Acena-phthylene (µg/L)	Aniline (µg/L)	Anthracene (µg/L)	Azobenzene (µg/L)	Benzidine (µg/L)	Benzo(a)-anthra-cene (µg/L)	Benzo(a)-pyrene (µg/L)
Comal Springs#1 (DX-68-23-301)	11/02/09	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2
Comal Springs#1 (DX-68-23-301)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9
Hueco Springs A (DX-68-15-901)	03/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	07/07/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1
Hueco Springs A (DX-68-15-901)	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
Hueco Springs A (DX-68-15-901)	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	11/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	12/01/09	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7
Hueco Springs B	11/03/09	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2
Hueco Springs B	12/01/09	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Benzo(b)-fluoran-thene (µg/L)	Benzo(g,h,l)-perylene (µg/L)	Benzo(k)-fluoran-thene (µg/L)	Benzoic acid (µg/L)	Benzyl Alcohol (µg/L)	bis(2-chloro-ethoxy)-methane (µg/L)	bis(2-chloro-ethyl)-ether (µg/L)	bis(2-chloro-isopropyl) ether (µg/L)
Lorence Creek	10/22/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Pedro Springs	03/05/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
San Pedro Springs	11/04/09	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9
San Pedro Springs	12/01/09	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8
Comal Springs #3	03/02/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #3	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	07/06/09	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #3	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
Comal Springs #3	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	11/03/09	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4
Comal Springs #3	12/02/09	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6
Comal Springs #7	03/03/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #7	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	07/07/09	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #7	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1
Comal Springs #7	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	11/03/09	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6
Comal Springs #7	12/02/09	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7
Comal Springs#1 (DX-68-23-301)	03/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
Comal Springs#1 (DX-68-23-301)	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs#1 (DX-68-23-301)	07/07/09	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3
Comal Springs#1 (DX-68-23-301)	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Benzo(b)-fluor-anthene (µg/L)	Benzo(g,h,I)-perylene (µg/L)	Benzo(k)-fluor-anthene (µg/L)	Benzoic acid (µg/L)	Benzyl Alcohol (µg/L)	bis(2-chloro-ethoxy)-methane (µg/L)	bis(2-chloro-ethyl)-ether (µg/L)	bis(2-chloro-isopropyl) ether (µg/L)
Comal Springs#1 (DX-68-23-301)	11/02/09	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2
Comal Springs#1 (DX-68-23-301)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9
Hueco Springs A (DX-68-15-901)	03/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	07/07/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1
Hueco Springs A (DX-68-15-901)	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
Hueco Springs A (DX-68-15-901)	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	11/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	12/01/09	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7
Hueco Springs B	11/03/09	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2
Hueco Springs B	12/01/09	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	bis(2-ethyl-hexyl)-adipate (µg/L)	bis(2-ethyl-hexyl)-phthalate (µg/L)	4-Bromo-phenyl phenyl ether (µg/L)	Butyl benzyl phthalate (µg/L)	4-Chloro-3-methyl-phenol (µg/L)	4-Chloro-aniline (µg/L)	2-Chloro-naphtha-lene (µg/L)	2-Chloro-phenol (µg/L)
Lorence Creek	10/22/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Pedro Springs	03/05/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
San Pedro Springs	11/04/09	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9
San Pedro Springs	12/01/09	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8
Comal Springs #3	03/02/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #3	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	07/06/09	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #3	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
Comal Springs #3	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	11/03/09	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4
Comal Springs #3	12/02/09	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6
Comal Springs #7	03/03/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #7	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	07/07/09	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #7	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1
Comal Springs #7	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	11/03/09	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6
Comal Springs #7	12/02/09	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7
Comal Springs#1 (DX-68-23-301)	03/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
Comal Springs#1 (DX-68-23-301)	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs#1 (DX-68-23-301)	07/07/09	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3
Comal Springs#1 (DX-68-23-301)	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	bis(2-ethyl-hexyl)-adipate (µg/L)	bis(2-ethyl-hexyl)-phthalate (µg/L)	4-Bromo-phenyl phenyl ether (µg/L)	Butyl benzyl phthalate (µg/L)	4-Chloro-3-methyl-phenol (µg/L)	4-Chloro-aniline (µg/L)	2-Chloro-naphtha-lene (µg/L)	2-Chloro-phenol (µg/L)
Comal Springs#1 (DX-68-23-301)	11/02/09	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2
Comal Springs#1 (DX-68-23-301)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9
Hueco Springs A (DX-68-15-901)	03/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	07/07/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1
Hueco Springs A (DX-68-15-901)	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
Hueco Springs A (DX-68-15-901)	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	11/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	12/01/09	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7
Hueco Springs B	11/03/09	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2
Hueco Springs B	12/01/09	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	4-Chloro-phenyl phenyl ether (µg/L)	Chrysene (µg/L)	Cresols (total) (µg/L)	Dibenz(a,h)-anthra-cene (µg/L)	Dibenz(a,j)-acridine (µg/L)	Dibenzo-furan (µg/L)	3,3'-Dichloro-benzidine (µg/L)	2,4-Dichloro-phenol (µg/L)
Lorence Creek	10/22/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Pedro Springs	03/05/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
San Pedro Springs	11/04/09	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9
San Pedro Springs	12/01/09	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8
Comal Springs #3	03/02/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #3	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	07/06/09	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #3	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
Comal Springs #3	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	11/03/09	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4
Comal Springs #3	12/02/09	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6
Comal Springs #7	03/03/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #7	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	07/07/09	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #7	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1
Comal Springs #7	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	11/03/09	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6
Comal Springs #7	12/02/09	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7
Comal Springs#1 (DX-68-23-301)	03/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
Comal Springs#1 (DX-68-23-301)	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs#1 (DX-68-23-301)	07/07/09	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3
Comal Springs#1 (DX-68-23-301)	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	4-Chloro-phenyl phenyl ether (µg/L)	Chrysene (µg/L)	Cresols (total) (µg/L)	Dibenz(a,h)-anthra-cene (µg/L)	Dibenz(a,j)-acridine (µg/L)	Dibenzo-furan (µg/L)	3,3'-Dichlorob enzidine (µg/L)	2,4-Dichloro-phenol (µg/L)
Comal Springs#1 (DX-68-23-301)	11/02/09	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2
Comal Springs#1 (DX-68-23-301)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9
Hueco Springs A (DX-68-15-901)	03/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	07/07/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1
Hueco Springs A (DX-68-15-901)	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
Hueco Springs A (DX-68-15-901)	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	11/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	12/01/09	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7
Hueco Springs B	11/03/09	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2
Hueco Springs B	12/01/09	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	2,6-Dichloro-phenol (µg/L)	Diethyl phthalate (µg/L)	Dimethyl phthalate (µg/L)	2,4-Dimethyl-phenol (µg/L)	Di-n-butyl phthalate (µg/L)	4,6-Dinitro-2-methyl-phenol (µg/L)	2,4-Dinitro-phenol (µg/L)	2,4-Dinitro-toluene (µg/L)
Lorence Creek	10/22/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Pedro Springs	03/05/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
San Pedro Springs	11/04/09	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9
San Pedro Springs	12/01/09	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8
Comal Springs #3	03/02/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #3	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	07/06/09	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #3	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
Comal Springs #3	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	11/03/09	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4
Comal Springs #3	12/02/09	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6
Comal Springs #7	03/03/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #7	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	07/07/09	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #7	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1
Comal Springs #7	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	11/03/09	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6
Comal Springs #7	12/02/09	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7
Comal Springs#1 (DX-68-23-301)	03/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
Comal Springs#1 (DX-68-23-301)	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs#1 (DX-68-23-301)	07/07/09	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3
Comal Springs#1 (DX-68-23-301)	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	2,6-Dichloro-phenol (µg/L)	Diethyl phthalate (µg/L)	Dimethyl phthalate (µg/L)	2,4-Dimethyl-phenol (µg/L)	Di-n-butyl phthalate (µg/L)	4,6-Dinitro-2-methyl-phenol (µg/L)	2,4-Dinitro-phenol (µg/L)	2,4-Dinitro-toluene (µg/L)
Comal Springs#1 (DX-68-23-301)	11/02/09	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2
Comal Springs#1 (DX-68-23-301)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9
Hueco Springs A (DX-68-15-901)	03/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	07/07/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1
Hueco Springs A (DX-68-15-901)	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
Hueco Springs A (DX-68-15-901)	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	11/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	12/01/09	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7
Hueco Springs B	11/03/09	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2
Hueco Springs B	12/01/09	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	2,6-Dinitro-toluene (µg/L)	Di-n-octyl phthalate (µg/L)	Fluoran-thene (µg/L)	Fluorene (µg/L)	Hexa-chloro-benzene (µg/L)	Hexa-chloro-cyclopent adiene (µg/L)	Hexa-chloro-ethane (µg/L)	Indeno-(1,2,3-cd)-pyrene (µg/L)
Lorence Creek	10/22/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Pedro Springs	03/05/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
San Pedro Springs	11/04/09	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9
San Pedro Springs	12/01/09	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8
Comal Springs #3	03/02/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #3	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	07/06/09	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #3	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
Comal Springs #3	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	11/03/09	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4
Comal Springs #3	12/02/09	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6
Comal Springs #7	03/03/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #7	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	07/07/09	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #7	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1
Comal Springs #7	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	11/03/09	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6
Comal Springs #7	12/02/09	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7
Comal Springs#1 (DX-68-23-301)	03/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
Comal Springs#1 (DX-68-23-301)	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs#1 (DX-68-23-301)	07/07/09	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3
Comal Springs#1 (DX-68-23-301)	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	2,6-Dinitro-toluene (µg/L)	Di-n-octyl phthalate (µg/L)	Fluor-anthene (µg/L)	Fluorene (µg/L)	Hexa-chloro-benzene (µg/L)	Hexa-chloro-cyclo-pentadiene (µg/L)	Hexa-chloro-ethane (µg/L)	Indeno-(1,2,3-cd)-pyrene (µg/L)
Comal Springs#1 (DX-68-23-301)	11/02/09	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2
Comal Springs#1 (DX-68-23-301)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9
Hueco Springs A (DX-68-15-901)	03/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	07/07/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1
Hueco Springs A (DX-68-15-901)	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
Hueco Springs A (DX-68-15-901)	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	11/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	12/01/09	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7
Hueco Springs B	11/03/09	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2
Hueco Springs B	12/01/09	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Isophorone (µg/L)	2-Methyl-naphtha-lene (µg/L)	2-Methyl-phenol (µg/L)	4-Methyl-phenol (µg/L)	2-Nitro-aniline (µg/L)	3-Nitro-aniline (µg/L)	4-Nitro-aniline (µg/L)	Nitro-benzene (µg/L)
Lorence Creek	10/22/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Pedro Springs	03/05/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
San Pedro Springs	11/04/09	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9
San Pedro Springs	12/01/09	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8
Comal Springs #3	03/02/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #3	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	07/06/09	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #3	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
Comal Springs #3	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	11/03/09	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4
Comal Springs #3	12/02/09	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6
Comal Springs #7	03/03/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #7	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	07/07/09	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #7	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1
Comal Springs #7	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	11/03/09	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6
Comal Springs #7	12/02/09	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7
Comal Springs#1 (DX-68-23-301)	03/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
Comal Springs#1 (DX-68-23-301)	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs#1 (DX-68-23-301)	07/07/09	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3
Comal Springs#1 (DX-68-23-301)	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Isophorone (µg/L)	2-Methyl-naphtha-lene (µg/L)	2-Methyl-phenol (µg/L)	4-Methyl-phenol (µg/L)	2-Nitro-aniline (µg/L)	3-Nitro-aniline (µg/L)	4-Nitro-aniline (µg/L)	Nitro-benzene (µg/L)
Comal Springs#1 (DX-68-23-301)	11/02/09	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2
Comal Springs#1 (DX-68-23-301)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9
Hueco Springs A (DX-68-15-901)	03/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	07/07/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1
Hueco Springs A (DX-68-15-901)	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
Hueco Springs A (DX-68-15-901)	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	11/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	12/01/09	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7
Hueco Springs B	11/03/09	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2
Hueco Springs B	12/01/09	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	2-Nitro-phenol (µg/L)	4-Nitro-phenol (µg/L)	n-Nitroso-diethyl-amine (µg/L)	n-Nitroso-dimethyl-amine (µg/L)	n-Nitroso-di-n-propyl-amine (µg/L)	n-Nitroso-diphenyl-amine (µg/L)	Penta-chloro-benzene (µg/L)	Phenan-threne (µg/L)
Lorence Creek	10/22/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Pedro Springs	03/05/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
San Pedro Springs	11/04/09	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9	<11.9
San Pedro Springs	12/01/09	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8	<12.8
Comal Springs #3	03/02/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #3	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	07/06/09	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #3	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
Comal Springs #3	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	11/03/09	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4
Comal Springs #3	12/02/09	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6	<10.6
Comal Springs #7	03/03/09	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #7	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	07/07/09	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #7	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1
Comal Springs #7	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	11/03/09	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6	<11.6
Comal Springs #7	12/02/09	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7
Comal Springs#1 (DX-68-23-301)	03/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
Comal Springs#1 (DX-68-23-301)	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs#1 (DX-68-23-301)	07/07/09	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3
Comal Springs#1 (DX-68-23-301)	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	2-Nitro-phenol (µg/L)	4-Nitro-phenol (µg/L)	n-Nitroso-diethyl-amine (µg/L)	n-Nitroso-dimethyl-amine (µg/L)	n-Nitroso-di-n-propyl-amine (µg/L)	n-Nitroso-diphenyl-amine (µg/L)	Penta-chloro-benzene (µg/L)	Phenan-threne (µg/L)
Comal Springs#1 (DX-68-23-301)	11/02/09	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2
Comal Springs#1 (DX-68-23-301)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9
Hueco Springs A (DX-68-15-901)	03/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	07/07/09	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1	<11.1
Hueco Springs A (DX-68-15-901)	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
Hueco Springs A (DX-68-15-901)	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	11/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	12/01/09	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7	<14.7
Hueco Springs B	11/03/09	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2
Hueco Springs B	12/01/09	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4	<10.4
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3	<10.3
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1	<12.1
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Phenol (µg/L)	Pyrene (µg/L)	Pyridine (µg/L)	2,4,5-Trichloro-phenol (µg/L)	2,4,6-Trichloro-phenol (µg/L)
Lorence Creek	10/22/09	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0
Lorence Creek	10/26/09	<10.0	<10.0	<10.0	<10.0	<10.0
San Pedro Springs	03/05/09	<10.2	<10.2	<10.2	<10.2	<10.2
San Pedro Springs	11/04/09	<11.9	<11.9	<11.9	<11.9	<11.9
San Pedro Springs	12/01/09	<12.8	<12.8	<12.8	<12.8	<12.8
Comal Springs #3	03/02/09	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #3	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	07/06/09	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #3	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5
Comal Springs #3	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #3	11/03/09	<10.4	<10.4	<10.4	<10.4	<10.4
Comal Springs #3	12/02/09	<10.6	<10.6	<10.6	<10.6	<10.6
Comal Springs #7	03/03/09	<10.2	<10.2	<10.2	<10.2	<10.2
Comal Springs #7	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	07/07/09	<11.8	<11.8	<11.8	<11.8	<11.8
Comal Springs #7	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1
Comal Springs #7	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs #7	11/03/09	<11.6	<11.6	<11.6	<11.6	<11.6
Comal Springs #7	12/02/09	<14.7	<14.7	<14.7	<14.7	<14.7
Comal Springs#1 (DX-68-23-301)	03/02/09	<14.3	<14.3	<14.3	<14.3	<14.3
Comal Springs#1 (DX-68-23-301)	06/01/09	<10.0	<10.0	<10.0	<10.0	<10.0
Comal Springs#1 (DX-68-23-301)	07/07/09	<10.3	<10.3	<10.3	<10.3	<10.3
Comal Springs#1 (DX-68-23-301)	08/05/09	<11.1	<11.1	<11.1	<11.1	<11.1

Table C-14. (cont.) Analytical data for semivolatile organic compounds (SVOC) from streams crossing the Edwards Aquifer Recharge Zone and springs discharging from the Edwards Aquifer, 2009

Station Name	Date Sampled	Phenol (µg/L)	Pyrene (µg/L)	Pyridine (µg/L)	2,4,5-Trichloro-phenol (µg/L)	2,4,6-Trichloro-phenol (µg/L)
Comal Springs#1 (DX-68-23-301)	11/02/09	<13.2	<13.2	<13.2	<13.2	<13.2
Comal Springs#1 (DX-68-23-301)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9
Hueco Springs A (DX-68-15-901)	03/03/09	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	06/03/09	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	07/07/09	<11.1	<11.1	<11.1	<11.1	<11.1
Hueco Springs A (DX-68-15-901)	08/04/09	<12.5	<12.5	<12.5	<12.5	<12.5
Hueco Springs A (DX-68-15-901)	10/01/09	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	11/03/09	<10.0	<10.0	<10.0	<10.0	<10.0
Hueco Springs A (DX-68-15-901)	12/01/09	<14.7	<14.7	<14.7	<14.7	<14.7
Hueco Springs B	11/03/09	<13.2	<13.2	<13.2	<13.2	<13.2
Hueco Springs B	12/01/09	<10.4	<10.4	<10.4	<10.4	<10.4
San Marcos Springs-Deep (LR-67-01-819)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	07/06/09	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	08/03/09	<10.3	<10.3	<10.3	<10.3	<10.3
San Marcos Springs-Deep (LR-67-01-819)	09/17/09	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Deep (LR-67-01-819)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Deep (LR-67-01-819)	12/08/09	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	03/02/09	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	06/02/09	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	07/06/09	<12.1	<12.1	<12.1	<12.1	<12.1
San Marcos Springs-Hotel (LR-67-01-801)	08/03/09	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	09/29/09	<10.0	<10.0	<10.0	<10.0	<10.0
San Marcos Springs-Hotel (LR-67-01-801)	11/02/09	<14.3	<14.3	<14.3	<14.3	<14.3
San Marcos Springs-Hotel (LR-67-01-801)	11/30/09	<10.9	<10.9	<10.9	<10.9	<10.9

NA = Not Analyzed

APPENDIX D –

Conversion Factors

Volume	Equivalent Units
1 cubic foot	7.48 gallons
	62.41 lbs. of water (1 gal. weighs ~ 8.35 pounds: ~62.45)
1 acre-foot	43,560 cubic feet
	325,851 gallons
	Covers one acre of land (209 feet by 209 feet) one foot deep
1 million gallons	3.07 acre-feet
Flow Rate	
1 cubic foot per second (cfs)	448.80 gallons per minute
	646,272 gallons per day
	1.98 acre-feet per day
	0.65 million gallons per day (0.646272, or approximately 0.65 million gallons per day)
	59.4 acre-feet per month
	236 million gallons per year (0.646272 × 365 = 235.89 million gallons per year)
	724 acre-feet per year (235.89 × 3.07 = 724.18 acre-feet per year)
1 million gallons per day (mgd)	3.07 acre-feet per day
	1,120.55 acre-feet per year
1,000 gallons per minute (gpm)	2.23 cfs
	4.42 acre-feet per day

Cost	
10 cents per 1,000 gallons	$100.00 per 1 million gallons
	$32.59 per acre foot (Authority charges $37.00 for M/I)
0.61 cents per 1,000 gallons	$2.00 per acre foot
7.7 cents per 1,000 gallons	$25.00 per acre foot

Metric conversions	
1 acre	0.4 hectares
1 gallon	3.8 liters
1 cubic foot	0.028 cubic meters
1 cubic meter per second	15,850 gallons per minute 951,019 gallons per hour