Appendix A
Ambient Air Quality Data and Analysis

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Appendix A: Ambient Air Quality Data and Analysis

A.1 INTRODUCTION

This Appendix provides 2004-2006 PM2.5 data analysis, a description of the PM2.5 attainment calculation process, 1999-2006 trends analysis, and ambient PM2.5 air quality data. This information supplements the overview of ambient PM2.5 data included in Chapter 1.

A.2 OVERVIEW OF RESULTS: 2004-2006 ANNUAL AND 24-HOUR PM2.5 AVERAGES

Air quality meets the 24-hour PM2.5 standard when the 3-year average of the annual 98th percentile PM2.5 value is less than or equal to 65 μg/m³ at each monitoring site. "Daily value" for PM refers to the 24-hour average concentration of PM calculated or measured from midnight to midnight (local standard time) for PM2.5. Average and mean refer to an arithmetic mean. All the San Joaquin Valley (SJV) air monitoring sites meet the 24 hour "1997" PM2.5 NAAQS (Table A-1).

Air quality meets the annual PM2.5 standard whenever the 3-year average of the annual mean PM2.5 concentrations is less than or equal to 15.0 μ g/m³. Most of the SJVAPCD sites PM2.5 monitors are above the annual mean PM2.5 NAAQS (Table A-2).

See Section A.3 of this appendix for information on how these calculations are completed, and see Section A.4 for data analysis from 1999-2006.

Table A-1 SJV PM2.5 98th Percentile Value, 2004-2006, (µg/m³)

SJV SITE	2004	2005	2006	AVG. 04-06
Stockton	36.0	44.0	42.0	41
Modesto	45.0	55.0	52.0	51
Merced	43.0	48.3	43.8	45
Fresno-1st	52.0	71.0	51.0	58
Fresno-Winery	49.4	71.2	55.0	59
Clovis	42.4	77.0	51.3	57
Corcoran	49.4	74.5	50.1	58
Visalia	54.0	65.0	50.0	56
Bakersfield-Golden	53.8	74.9	64.4	64
Bakersfield-California	63.1	63.6	60.5	62
Bakersfield-Planz	78.6	66.4	50.6	65

Involves data substitution

98th percentile value affected by flagged data

SJV PM_{2.5} Annual Mean Value SJV SITE 2004 2005 2006 AVG. 04-06 13.2 12.5 Stockton 13.1 12.9 13.9 14.8 14.1 Modesto 13.6 Merced 15.3 14.1 14.8 14.7 16.9 16.8 16.7 Fresno-1st 16.4 17.2 Fresno-Winery 17.0 16.9 17.6 Clovis 15.8 16.0 16.8 16.2 17.2 Corcoran 17.3 17.6 16.7 Visalia 17.0 18.8 18.8 18.2 Bakersfield-Golden 18.1 18.9 18.6 18.5 18.7 Bakersfield-California 19.0 17.9 18.5 Bakersfield-Planz 17.4 19.9 19.3 18.9

Table A-2 SJV PM2.5 Annual Mean Values, 2004-2006 (μg/m³)

Annual average conisdered valid (Each Q>11 Samples and Annual Avg >Standard) but does not meet the 75% completeness requirement.

A.3 PM2.5 ANNUAL AND 24-HOUR ATTAINMENT STATUS CALCULATIONS

The San Joaquin Valley Unified Air Pollution Control District (District) calculated the Valley's attainment status according to the requirements of the U. S. Environmental Protection Agency's (EPA) April 1999 document, <u>Guideline on Data Handling Conventions for the PM NAAQS</u>, and Appendix N of 40 Code of Federal Regulations (CFR) part 50. PM2.5 values are calculated under both the annual and 24-hour NAAQS for each PM2.5 air quality-monitoring site that uses a federal reference method (FRM) monitor. There are 11 such air quality-monitoring sites¹ in the eight-county Valley: at least one monitor in each county except Madera and three monitoring sites in both Kern and Fresno Counties due to their large population concentrations (in Bakersfield and Fresno/Clovis respectively). On March 21, 2007, District staff downloaded the data from EPA's Air Quality System (AQS) website, the official repository for ambient air quality data (see Table 8 at the end of this Appendix). From this data, the District calculated the 2004 – 2006 daily and annual PM2.5 values accounting for the following:

- Rounding conventions
- Data completeness
- Varying sampling schedules
- Data validity flags

Appendix A-2

¹ For more details on the San Joaquin Valley air monitoring sites, refer to <u>San Joaquin Valley Air Pollution Control</u> <u>District Ambient Air Monitoring Network Plan, May 29, 2007, http://www.valleyair.org/notices/Docs/05-29-07/AMNPlanComment.pdf.</u>

A.3.1 Rounding Conventions

The starting point for annual and 24-hour PM2.5 averages is the ambient air quality data collected from the EPA-approved monitoring network operated in the San Joaquin Valley. The recorded concentrations are entered with one decimal place, and any other decimal places are truncated, not rounded (so 18.29 becomes 18.2, not 18.3). As the calculations are carried out (as described throughout this appendix), all of the available decimal places are retained until the final result is determined. Then, final annual PM2.5 averages are rounded to the nearest 0.1 μ g/m³ (so 0.05 μ g/m³ is rounded to 0.1 μ g/m³). Final 24-hour PM2.5 averages are rounded to the nearest 1 μ g/m³ (so 0.5 μ g/m³ is rounded to 1 μ g/m³).

A.3.2 Data Completeness

The data completeness test is performed for each site prior to calculating the 98th Percentile and Annual Mean PM2.5 values to ensure that each site has enough values to be compared to the NAAQS. A site meets the data completeness test when at least 75% of the scheduled sampling days for each quarter have valid data. The data completeness requirements for calculating the PM2.5 Annual Mean differ from the 24-Hour Daily PM2.5 Value.

For the annual PM2.5 values, on a site-by-site basis, the annual mean for that year and site is valid if each quarter has at least 75% of the scheduled sample days. For annual average calculations, quarters with at least 11 samples but less than 75 percent data completeness are included in the computation if the resulting annual average is greater than the level of the NAAQS, even though that site does not have a valid data for the year. No data is substituted for missing data. This method allows for nonattainment determinations, but cannot be used to prove attainment.

For the 98th percentile PM2.5 values, when less than 75% of the amount of valid data that should have been yielded from a quarter's scheduled sampling days is available, 40 CFR Part 50 Appendix N allows for estimation of missing values provided that the following requirements must be met:

- First, the site must have valid data for at least 50% of the scheduled number of samples for each quarter for all three years.
- The emissions and meteorology for the quarters to be substituted must be comparable to the emissions and meteorology for the quarters in question.

Once the above criteria are met, two approaches can be used to fill in for missing scheduled sampling days:

 Replace the missing data with collocated data from the same site and day, if such data is available. When there is no data from the same site and the same day, replace the missing data with the maximum concentration recorded at the site during the same quarter over the three-year period in question.

Table A-3 shows the data completeness of the PM2.5 values by quarter from 2004 through 2006. Since the data for some sites were incomplete, Table A-4 shows the substitutions for the 2004 through 2006 dataset.

Table A-3 Data Completeness by Quarter, 2004 – 2006, as Percentages

Site		20	04		2005			2006				
Site	1	2	3	4	1	2	3	4	1	2	3	4
Bakersfield- Planz Road	87.1	100.0	87.1	53.3	80.0	83.9	90.0	90.3	96.7	60.0	93.5	80.6
Bakersfield-California Ave	76.9	83.5	69.6	80.4	75.6	91.2	81.5	80.4	81.1	89.0	90.2	88.0
Clovis-N Villa Ave	93.5	100.0	100.0	100.0	100.0	100.0	100.0	71.0	100.0	100.0	93.3	93.5
Fresno-1st Street	92.3	94.5	91.3	83.7	88.9	84.6	96.7	98.9	98.9	95.6	94.6	91.3
Modesto-14th Street	100.0	100.0	100.0	100.0	100.0	96.8	100.0	100.0	100.0	100.0	100.0	100.0
Stockton-Hazelton Street	100.0	100.0	100.0	100.0	103.3	100.0	96.7	100.0	100.0	100.0	100.0	100.0
Visalia-N Church Street	100.0	100.0	77.4	106.7	86.7	103.2	96.7	96.8	100.0	93.3	96.8	100.0
Bakersfield-Golden State	90.3	93.3	100.0	100.0	100.0	100.0	93.3	96.8	100.0	100.0	93.3	100.0
Corcoran-Patterson Avenue	83.9	93.3	100.0	93.3	93.3	93.3	93.3	100.0	76.7	93.3	93.3	93.5
Fresno-Hamilton and Winery	93.5	100.0	100.0	100.0	100.0	100.0	86.7	100.0	100.0	100.0	80.0	100.0
Merced-2334 M Street	90.3	100.0	100.0	100.0	100.0	100.0	100.0	96.8	93.3	100.0	100.0	100.0

Collected data is less than 75 % complete.

Table A-4 Data Substitution for 98th Percentile Calculations, 2004-2006

Air monitoring site	Incomplete quarter	Substituted value	Substituted maximum value from	How many times substituted
Bakersfield - Planz	2 nd Qtr. 2006	30.6 μg/m ³	2 nd Qtr. 2005	16 times
Bakersfield - Planz	4 th Qtr. 2004	78.6 μg/m³	4 th Qtr. 2006	13 times
Bakersfield - California	3 rd Qtr. 2004	63.1 μg/m ³	3 rd Qtr. 2004	24 times
Clovis - Villa	4 th Qtr. 2005	77.0 μg/m³	4 th Qtr. 2005	9 times

A.3.3 Varying Sampling Schedules

Table A-5 shows the sampling schedules for San Joaquin Valley air monitoring sites. For non-seasonal monitoring sites, with a "year round" schedule, the sampling cycle does not change during the year. For seasonal monitoring sites, a 1 in 3 day sampling cycle is used from October through March and a 1 in 6 day sampling cycle from April through October. This seasonal schedule ensures that more samples are taken during the times of year when PM2.5 tends to be the highest.

Air Monitoring Site	Sampling Cycle	Schedule
Bakersfield- Planz	1 in 3 day	year round
Bakersfield - California	Daily	year round
Fresno - 1 st	Daily	year round
Modesto - 14 th	1 in 3 day	year round
Stockton - Hazelton	1 in 3 day	year round
Visalia - Church	1 in 3 day	year round
Merced - M st	1 in 3, 1 in 6 day	seasonal
Fresno - Winery	1 in 3, 1 in 6 day	seasonal
Corcoran - Patterson	1 in 3, 1 in 6 day	seasonal
Bakersfield - Golden	1 in 3, 1 in 6 day	seasonal
Clovis - Villa	1 in 3, 1 in 6 day	seasonal

Table A-5 Sampling schedules for SJV air monitoring sites, 2004-2006

The 98th percentile is defined as the daily value out of a year of monitoring data below which 98 percent of all values in the group fall. The procedure for calculating the 3-year average 98th percentile value when the site has complete data is as follows: first, sort all data values collected in each year from lowest to highest. Then assign a rank to each data value. Assign rank 1 to the lowest 24-hour average in each year, rank 2 to the second lowest, and so forth. Next, multiply the number of samples taken in the year by 0.98. Take the integer part of the product and add 1. This gives the rank corresponding to the 98th percentile. Find the value that corresponds to the rank. Calculate the 3-year average of all three values for the 98th percentile. Round decimals 0.5 or greater up and those less than 0.5 down. Compare the result to the standard of 65 µg/m³.

The sample calculation for the 3-year average 98^{th} percentile value for Bakersfield - Planz is as follows: First, apply the data completeness test on 2004, 2005, and 2006 Bakersfield - Planz values. As mentioned in the previous paragraph, Bakersfield - Planz had incomplete data for 2006 2^{nd} Quarter and 2004 4^{th} Quarter. 2005 Bakersfield - Planz data was complete. The maximum value over three years for the same quarter was $78.6 \, \mu g/m^3$, which occurred in 4^{th} Quarter of 2006 (substituted 13 times). The maximum value over three years for the 2^{nd} Quarter at Bakersfield - Planz was 30.6 $\mu g/m^3$, which occurred in 2005 (substituted 16 times). After data substitution, sort all data values collected in a year from lowest to highest.

Assign a rank for each data value. Rank 101, 100, 99 data points in 2006 were 78.6, 64.7, 50.6 μ g/m³, respectively. Next, calculate the rank of the 98th percentile for the year. Multiply, the number of samples taken in 2006 (101 samples) by 0.98, which equals 98.98. Then, take the integer part of the product and add 1. This gives the ranking that corresponds to the 98th percentile, which would be 99. Rank 99 corresponds to 50.6 μ g/m³ value, which is the 2006 98th percentile value. In order to find the 3-year average 98th percentile value, take the 98th percentile values by year as shown in Table 1, 78.6 (2004), 66.4 (2005), and 50.6 (2006) add them and divide by 3. Round the answer to the nearest integer, which would be 65 μ g/m³. Since this value is less than or equal to the PM2.5 NAAQS, Bakersfield - Planz is in attainment of the 24 hour PM2.5 NAAQS.

Calculating the 3-Year Average 98th Percentile for PM2.5 for seasonal sampling frequencies

Five sites (Fresno - Winery, Clovis - Villa, Bakersfield - Golden, Corcoran - Patterson, and Merced - M Street) have seasonal sampling frequencies that change during the year, as shown in Table A-5. Special calculations were performed for these sites to take the seasonal sampling frequencies into account.

The seasonal sampling calculation uses the following formula, where the smallest measured concentration, x, makes W(x) > .98:

$$W(x) = dhigh \frac{dhigh}{dhigh + dlow} FHigh(x) + \frac{dlow}{dhigh + dlow} FLow(x),$$

dhigh = number of calendar days in the "High" season, dlow = number of calendar days in the "Low" season, (dhigh +dlow = days in a year)

$$Fa(x) = \frac{number\ of\ samples\ in\ season\ a\ that\ are \le x}{number\ of\ samples\ in\ season\ a}$$

such that Fa(x) can be either High or Low, x is the measured concentration, and dhigh / (dhigh +dlow) and dlow / (dhigh +dlow) are constant and are called seasonal "weights"

Example: Bakersfield – Golden 98th percentile value, 2006

The following example shows the procedures in determining the 2006 98th percentile value at Bakersfield - Golden, using the seasonal sampling calculation. The sampling cycle at Bakersfield - Golden is once every third day during the high months (October, November, December, January, February, and March) and once every six days during the low months (April, May, June, July, August, and September). Table A-6 is a

simplified version of the above equation in spreadsheet form. The high season ranking is shown with associated concentration values.

High season seasonal weight (SW) is calculated by taking the number of calendar days in the high season divided by the total number of calendar days in the year (182 days / 365 days) = 0.499.

FHigh is number of samples in season that are higher than the sample shown. For example, for the 61^{st} rank concentration of $76.4~\mu g/m^3$, FHigh is calculated by 61 samples (number of samples in the high season that are less than then the smallest measured concentration) / 61 samples (number of samples in the season), which is equal to 1.

Low season SW is calculated by taking the number of calendar days in the low season divided by the total number of calendar days in the year (183 days / 365 days) = 0.501.

Since all of the high concentrations at Bakersfield-Golden for the calculated year occurred in the high season, FLow is 1. After using the following equation to calculate W(x):

$$W(x) = dhigh \frac{dhigh}{dhigh + dlow} FHigh(x) + \frac{dlow}{dhigh + dlow} FLow(x),$$

where
$$W(x) = 1$$

The calculation is performed for the 57, 58, 59, and 60^{th} ranked concentrations. The smallest value of x where W(x) is greater than 0.98 by moving up the right hand column until the first number greater than but not equal to 0.98 (0.983651) is identified. This value, which is the 98^{th} percentile value, corresponds to the concentration of $64.4 \, \mu g/m^3$ for Bakersfield-Golden in 2006.

Table A-6 Calculating Weighted Percentiles for Two Seasons, 2006, Bakersfield Golden

High Season Seasonal Weight (SW) 0.498630137 Low Season Seasonal Weight (SW) 0.5013699

Rank	Concentration (µg/m³)	FHigh	FLow	W(x)	
61	76.4	1	1	1	
60	75.2	0.98360656	1	0.991826	
59	64.4	0.96721311	1	0.983651	
58	60.9	0.95081967	1	0.975477	
57	58.7	0.93442623	1		

First W(x) > 0.98, starting from the lowest ranked, is the 98th percentile

Calculating the PM2.5 Annual Mean Value

The annual mean value is calculated by determining the four quarterly means for a site. First, add all the 24-hour average PM2.5 sample concentrations for each calendar quarter of a particular year; then divide by the number of samples. Then calculate the annual mean from the four quarterly means. Calculate the annual means for each of the other two years using the same approach above. Then calculate the 3-year average of the annual means. Round the number to the nearest tenth and compare to the NAAQS of 15.0 µg/m³.

The calculation for the PM2.5 annual mean value for Bakersfield - Planz in 2006 is as follows: First, apply the data completeness test on the 2006 Bakersfield - Planz measurements. As mentioned in the previous section on calculating the daily 98th percentile value, Bakersfield - Planz had incomplete data for 2006 2nd Quarter. Appendix N states that years with high values that don't meet the completeness test must still be used when the site has at least 11 samples in each quarter (minimum requirement is 11 samples per guarter for all sampling schedules). For Bakersfield -Planz the 2nd Quarter in 2006 had 18 samples. Next, average the samples for each guarter in 2006 and round the value to the nearest tenth, 19.3 µg/m³. These values also appear in Table A-7. Follow the same procedure above for calculating the 2004 (17.4 µg/m³) and 2005 (19.9 µg/m³) annual mean values. Then average the 2004 through 2006 annual mean values and round the value to the nearest tenth, 18.9 µg/m³. Then compare 18.9 µg/m³ to the PM2.5 annual mean NAAQS of 15.0 µg/m³. 18.9 µg/m³ is higher than the PM2.5 annual mean NAAQS and is non-attainment. Even though the 2nd Quarter 2006 had incomplete data at this site, the annual mean is still considered valid. No data substitution occurred to fill in for missing data to perform the annual mean PM2.5 calculation.

Table A-7 Quarterly Averages, 2006 Bakersfield - Planz PM2.5 Values

Quarter	Average concentrations (µg/m³)
1 st Quarter	18.17931
2 nd Quarter	12.12778
3 rd Quarter	19.5
4 th Quarter	27.588
Annual Average	19.3

A.3.4 Data Validity Flags

Some of the measured values in the dataset were marked with a data validity flag. A data validity flag is used to mark data for specific reasons. The following procedures were considered when handling the data validity flags while performing the PM2.5 calculations:

- 1. All data points (values with no codes, capital and lower case validity flags) were used in determining completeness.
- 2. Data associated with capital letter validity codes were not used in actual attainment calculations.
- 3. Lower case and numeric "1" validity codes were used to determine completeness and calculate attainment values.
- 4. The data with the numeric validity "5" code, meaning "outlier, cause unknown" was not used in the actual calculations but only to be counted toward completeness.

The District downloaded the official PM2.5 24-hour averages from EPA on March 21, 2007. On May 7, 2007, the District was informed by ARB that some invalid data collected from October 16, 2005 through November 6, 2005 (8 samples) from the Clovis air-monitoring site remained in the official EPA database. The District took action to remove this data, and the data is no longer in the database. These data were excluded in attainment calculations. Overall, there were 349 samples collected Valley-wide that had a data validity flag applied to the sample. The complete set of data including data with data validity flags for 2004-2006 is shown in Table A-13 at the end of this appendix.

A.4 DATA ANALYSIS, 1999-2006

As required by EPA, the PM2.5 monitoring was underway nation-wide beginning in 1999. Table A-8 summarizes the PM2.5 98th percentile value for currently operating PM2.5 monitoring sites in the San Joaquin Valley Air Basin (SJVAB) for the years 1999-2006. The calculation of the PM2.5 24-hour 98th percentile concentration is explained in Section A.3 of this Appendix. Table A-9 shows the 24-hour PM2.5 3-year average of the 98th percentile value for each site within the SJVAB for the years 1999-2006. A dash (-) indicates that there is insufficient (or no) data available to determine the value. Table A-10 summarizes the PM2.5 annual values for currently operating sites in the SJVAB for the years 1999-2006. The calculation of the annual PM2.5 concentration is also explained in Section A.3 of this Appendix. Table A-11 shows the PM2.5 3-year average annual mean values for each site within the SJVAB for the years 1999-2006.

Current attainment status is determined for each site by analyzing PM2.5 measurements² from 2004 through 2006. If any monitoring site within the SJVAB has

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² 40 CFR (Code of Federal Regulations) Part 50, Appendix N require that attainment calculations be based on at least the most recent three complete years of quality reviewed data.

both a 3-year average 98th percentile 24-hour PM2.5 design value that is greater than $65 \, \mu g/m^3$ and a 3-year annual mean PM2.5 design value that is greater than $15.0 \, \mu g/m^3$, then the entire air basin is designated nonattainment³. Table A-12 summarizes the current attainment status on a site-by-site basis. Bold values indicate values over the National Ambient Air Quality Standard (NAAQS). Table A-12 shows that three of the 11 air monitoring sites (Stockton, Modesto, and Merced) in the SJVAB currently meet the attainment test for PM2.5. Eight out of 11 sites are nonattainment for the PM2.5 standard for the 2004-2006 time period, and three of the sites attain the PM2.5 NAAQS. This is an improvement from the 1999-2001 period, when all sites were nonattainment⁴.

Figures A-1 through A-11 show the 3-year average 98th percentile 24-hour average PM2.5 concentrations for each San Joaquin Valley air monitoring site. Figures A-12 through A-22 show the 3-year annual mean design values for 1999-2006. The years stated on the x-axis in Figures A-1 through A-22 represent the end year of the 3-year averaging period. Figure A-23 and Figure A-24 illustrates the San Joaquin Valley air basin map as a bubble chart with 3-year average 98th percentile 24 hour average from the year 2002 and 2006, respectively. Figure A-25 and Figure A-26 shows the San Joaquin Valley air basin map as a bubble chart with 3-year annual mean PM2.5 design values depicted on a site-by-site basis from the year 2002 and 2006, respectively. Figures A-23 and A-24 depict an improvement of the PM2.5 air quality from 2002 to 2006. More air quality trend data can be found at http://www.arb.ca.gov.

A.5 TREND AND SPATIAL VARIATIONS

A.5.1 Local Trends

While the peak San Joaquin Valley design value site trend (Bakersfield - Planz) remains essentially unchanged, a majority of the sites are improving. Ten of the 11 air monitoring sites in the SJVAB are showing an improving air quality trend: Stockton, Modesto, Merced, Fresno-1st, Fresno-Winery, Clovis, Corcoran, Visalia, Bakersfield-California, and Bakersfield-Golden. Tables A-8 through A-11 show PM2.5 averages from 1999-2006. Table A-12 shows the attainment status for each SJV site based on 2004-2006 data. Figures A-2 through A-22 show improving trends. The degree of the improvement of the trend varies from essentially unchanged at Bakersfield-Planz (Figure A-3) to downward at Visalia -Church (Figure A-15).

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³ Under the 1997 PM2.5 standard, the standard upon which this plan is based.

⁴ Please note that Fresno-1st had incomplete data for 2001 for the annual mean calculation. However, based on the years before and after, the annual mean value would have been above the NAAQS in 2001.

Table A-8 24-hour PM2.5 98th percentile values (µg/m³), 1999-2006

Site	1999	2000	2001	2002	2003	2004	2005	2006
Stockton	79.0	55.0	58.0	50.0	41.0	36.0	44.0	42.0
Modesto	95.0	71.0	64.0	64.0	47.0	45.0	55.0	52.0
Merced	**	80.3	**	55.1	44.2	43.0	48.3	43.8
Fresno-1st	119.0	89.0	67.0	75.0	55.0	52.0	71.0	51.0
Fresno-Winery	*	64.8	61.5	71.9	49.7	49.4	71.2	55.0
Clovis	59.2	72.5	71.5	53.2	**	42.4	77.0	51.3
Corcoran	**	**	89.5	65.1	42.2	49.4	74.5	50.1
Visalia	114.0	103.0	96.0	53.0	47.0	54.0	65.0	50.0
Bakersfield-Golden	95.3	85.6	86.1	80.4	51.9	53.8	74.9	64.4
Bakersfield-California	**	88.88	94.9	66.8	85.7	63.1	63.6	60.5
Bakersfield-Planz	*	**	90.6	66.8	47.5	78.6	66.4	50.6

- * Monitor not in operation.
- Does not meet the requirement for the 50% of the observations in each quarter. Can't calculate the 98th percentile through substitution.
- Derived value via data substitution.
- Valid data, but does not meet the 75% data completeness test.
- 98th percentile value changed due to flagged data.

Table A-9 3-year average of the 24-hour PM2.5 98^{th} percentile values ($\mu g \ / \ m^3$)

	1999-	2000-	2001-	2002-	2003-	2004-
Site	2001	2002	2003	2004	2005	2006
Stockton	64	54	50	42	40	41
Modesto	77	66	58	52	49	51
Merced	-	-	-	47	45	45
Fresno-1st	-	-	66	61	59	58
Fresno-Winery	-	66	61	57	57	59
Clovis	68	66	-	-	-	57
Corcoran	ı	-	66	52	55	58
Visalia	104	84	65	51	55	56
Bakersfield-Golden	89	84	73	62	60	64
Bakersfield-California	i	84	82	72	71	62
Bakersfield-Planz	-	-	68	64	64	65

Valid but does not meet the 75% data completeness test.

A dash indicates that there is insufficient data available to determine the average value.

Table A-10 Annual mean PM2.5 value concentrations (μg/m³)

Site	1999	2000	2001	2002	2003	2004	2005	2006
Stockton	19.8	16.8	13.8	16.7	13.4	13.2	12.5	13.1
Modesto	24.4	18.7	17.0	18.4	14.5	13.6	13.9	14.8
Merced		16.7	16.6	18.7	15.5	15.3	14.1	14.8
Fresno-1st	26.9		19.1	21.0	17.6	16.4	16.9	16.8
Fresno-Winery		18.6	18.7	21.4	17.8	17.0	16.9	17.6
Clovis	19.8	16.3	18.2	16.2		15.8	16.0	16.8
Corcoran		16.2	19.2	21.5	16.2	17.3	17.6	16.7
Visalia	27.6	23.7	22.5	19.4	18.2	17.0	18.8	18.8
Bakersfield-Golden	26.2	21.7	19.8	24.2	19.6	18.1	18.9	18.6
Bakersfield-California	22.5	22.1	21.7	23.4	16.9	19.0	17.9	18.7
Bakersfield-Planz		20.3	23.9	23.7	17.8	17.4	19.9	19.3

Annual average considered valid (each quarter has more than 11 samples), but does not meet the 75% completeness requirement.

Does not meet the requirement for 50% of the observations in a quarter.

Table A-11 3-year average of the annual mean PM2.5 values (μg/m³)

Site	1999 - 2001	2000- 2002	2001- 2003	2002- 2004	2003- 2005	2004- 2006
Stockton	16.8	15.8	14.6	14.4	13.0	12.9
Modesto	20.0	18.0	16.6	15.5	14.0	14.1
Merced	-	17.3	16.9	16.5	15.0	14.7
Fresno-1st	-	-	19.3	18.3	17.0	16.7
Fresno-Winery	-	19.6	19.3	18.7	17.2	17.2
Clovis	18.1	16.9	-	ı	ı	16.2
Corcoran	-	19.0	19.0	18.3	17.0	17.2
Visalia	24.6	21.9	20.1	18.2	18.0	18.2
Bakersfield-Golden	22.6	21.9	21.2	20.6	18.9	18.5
Bakersfield-California	22.1	22.4	20.7	19.8	17.9	18.5
Bakersfield-Planz	-	22.6	21.8	19.6	18.4	18.9

Annual average considered valid (each quarter has more than 11 samples), but does not meet the 75% completeness requirement.

A dash indicates that there is insufficient data available to determine the value.

Table A-12 Current (2004 – 2006) PM2.5 air quality design values and attainment status for the San Joaquin Valley Air Basin

	Attainme		
Monitoring Station	Three -Year Average 98 th Percentile 24 hr. (µg / m³)*	Three - Year Annual Average (µg / m³)	Attainment Status**
Stockton	41	12.9	Yes
Modesto	51	14.1	Yes
Merced	45	14.7	Yes
Fresno-1st	58	16.7	No
Fresno-Winery	59	17.2	No
Clovis	57	16.2	No
Corcoran	58	17.2	No
Visalia	56	18.2	No
Bakersfield-Golden	64	18.5	No
Bakersfield-California	62	18.5	No
Bakersfield-Planz	65	18.9	No

^{*} First, average the 4 quarterly values for each of three years, then next average those three values to obtain the three-year average.

Bold is considered nonattainment.

^{**} A station is considered in attainment if the three- year average 98^{th} percentile 24-hour $PM_{2.5}$ concentration is less than or equal to $65 \mu g / m^3$ and the three year average annual $PM_{2.5}$ concentration is less than or equal to $15.0 \mu g / m^3$.

Figure A-1 Bakersfield - Planz 3-year average 98th percentile 24-hour average PM2.5 concentrations from 2001 (1999-2001 average) to 2006 (2004-2006 average)

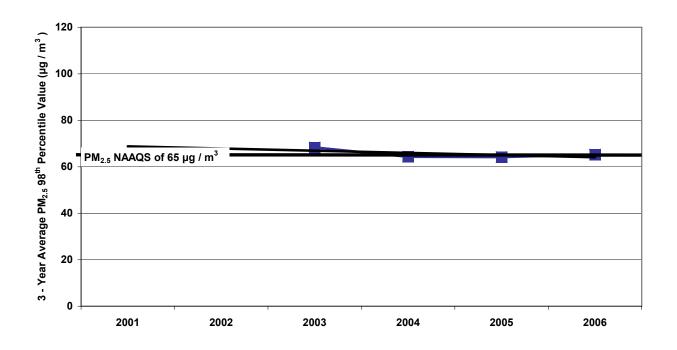


Figure A-2 Bakersfield - California 3-year average 98th percentile 24-hour average PM2.5 concentrations from 2001 (1999-2001 average) to 2006 (2004-2006 average)

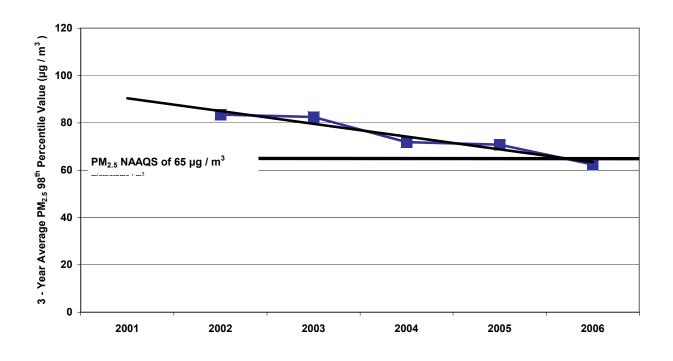


Figure A-3 Bakersfield - Golden 3-year average 98th percentile 24-hour average PM2.5 concentrations from 2001 (1999-2001 average) to 2006 (2004-2006 average)

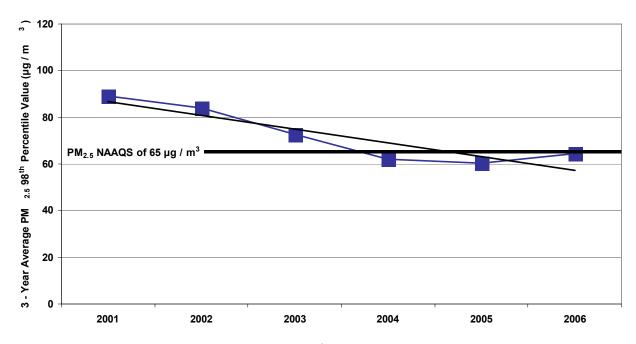


Figure A-4 Visalia 3-year average 98th percentile 24-hour average PM2.5 concentrations from 2001 (1999-2001 average) to 2006 (2004-2006 average)

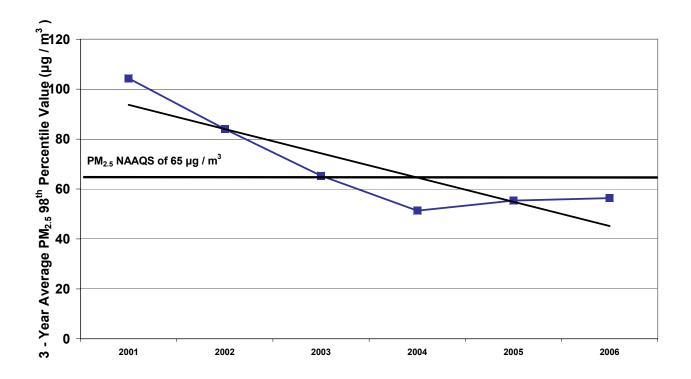


Figure A-5 Corcoran 3-year average 98th percentile 24-hour average PM2.5 concentrations from 2001 (1999-2001 average) to 2006 (2004-2006 average)

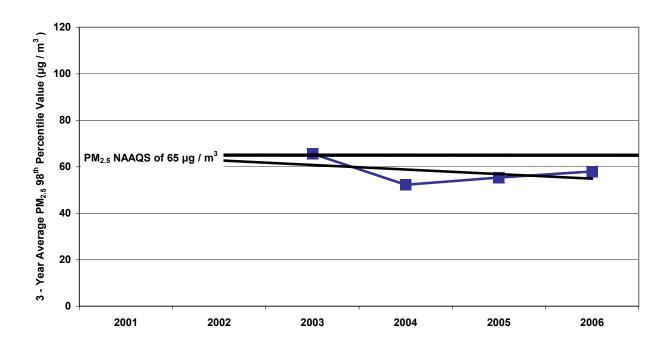


Figure A-6 Fresno-Winery 3-year average 98th percentile 24-hour average PM2.5 concentrations from 2001 (1999-2001 average) to 2006 (2004-2006 average)

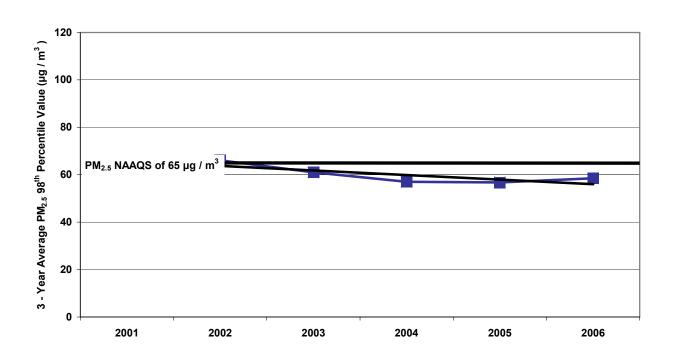


Figure A-7 Fresno-1st 3-year average 98th percentile 24-hour average PM2.5 concentrations from 2001 (1999-2001 average) to 2006 (2004-2006 average)

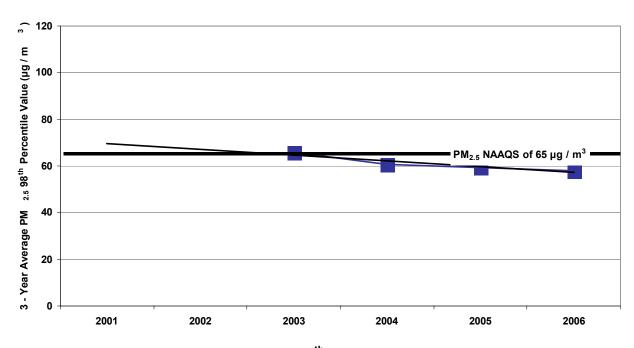


Figure A-8 Clovis 3-year average 98th Percentile 24-hour average PM2.5 concentrations

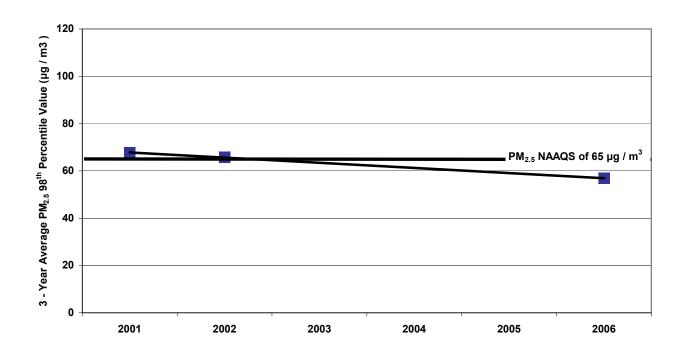


Figure A-9 Merced - M Street 3-year average 98th percentile 24-hour average PM2.5 concentrations from 1999 to 2006

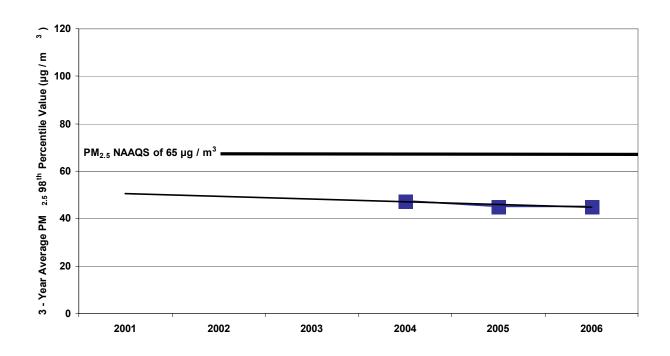


Figure A-10 Modesto 3-year average 98th percentile 24-hour average PM2.5 concentrations from 1999 to 2006

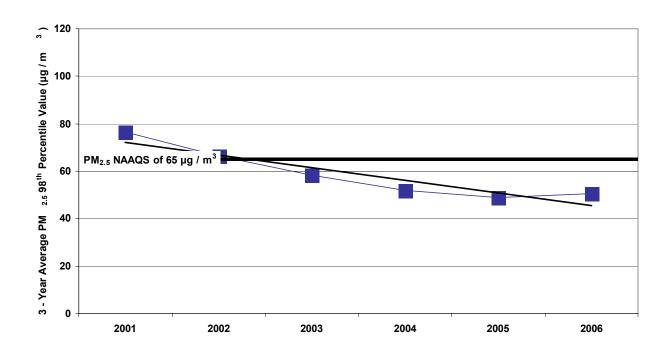


Figure A-11 Stockton 3-year average 98th percentile 24-hour average PM2.5 concentrations from 1999 to 2006

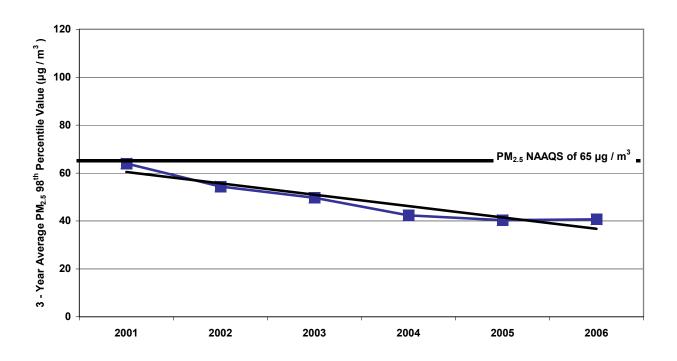


Figure A-12 Bakersfield - Planz 3-year average PM2.5 annual mean value from 1999 to 2006

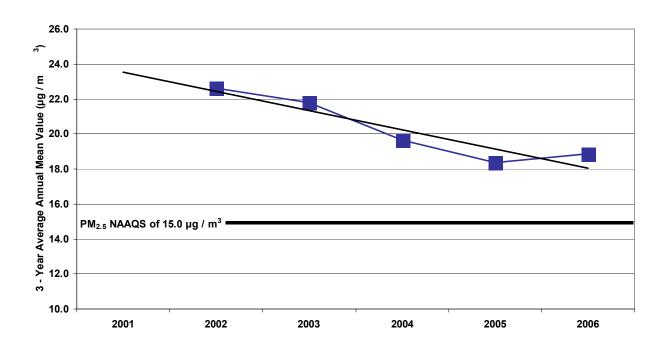


Figure A-13 Bakersfield - California 3-year average PM2.5 annual mean value from 1999 to 2006

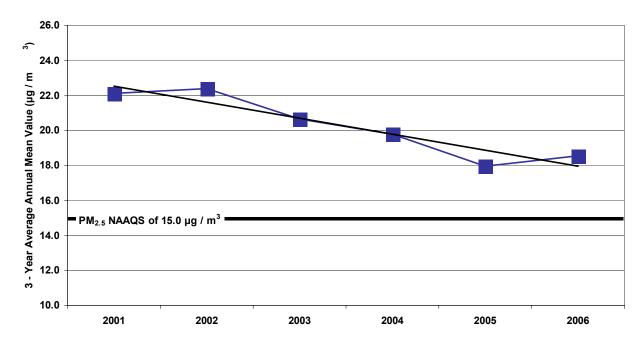


Figure A-14 Bakersfield - Golden 3-year average PM2.5 annual mean value from 1999 to 2006

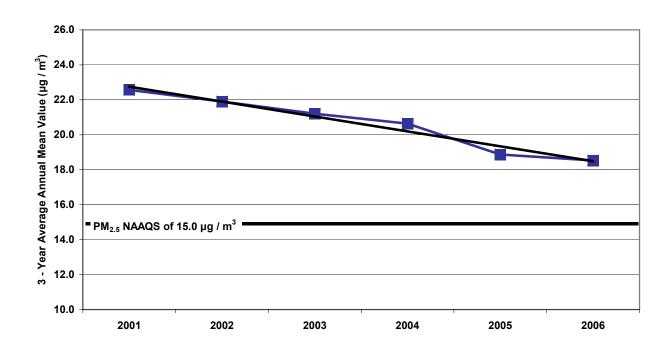


Figure A-15 Visalia 3-year average PM2.5 annual mean value from 1999 to 2006

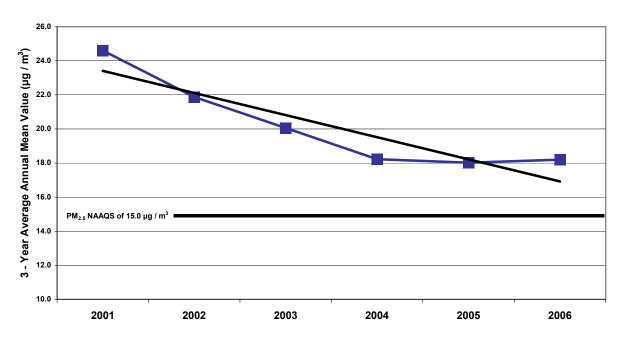


Figure A-16 Corcoran 3-year average PM2.5 annual mean value from 1999 to 2006

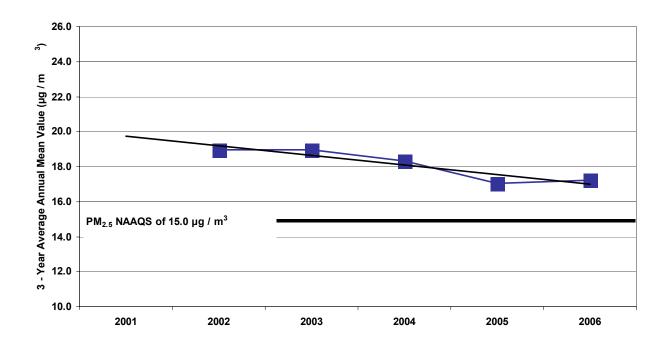


Figure A-17 Fresno-Winery 3-year average PM2.5 annual mean value from 1999 to 2006

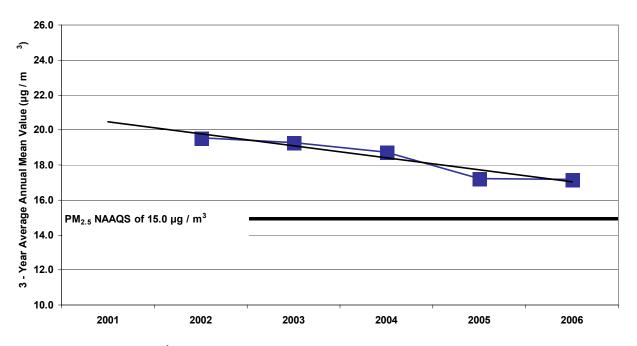


Figure A-18 Fresno-1st 3-year average PM2.5 annual mean value from 1999 to 2006

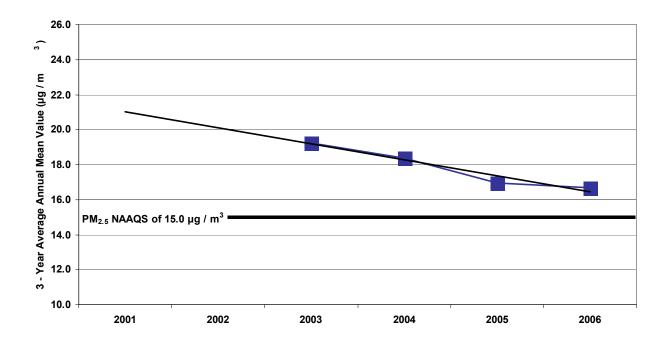


Figure A-19 Clovis 3-year average PM2.5 annual mean value from 1999 to 2006

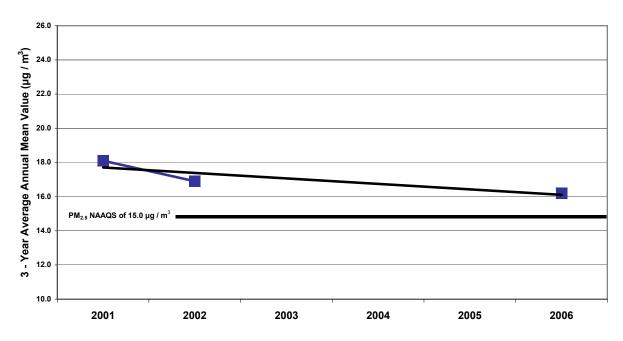


Figure A-20 Merced M Street 3-year average PM2.5 annual mean value from 1999 to 2006

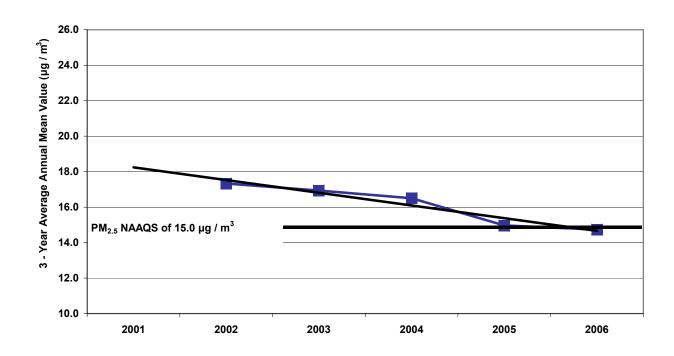


Figure A-21 Modesto - 14th 3-year average PM2.5 annual mean value from 1999 to 2006

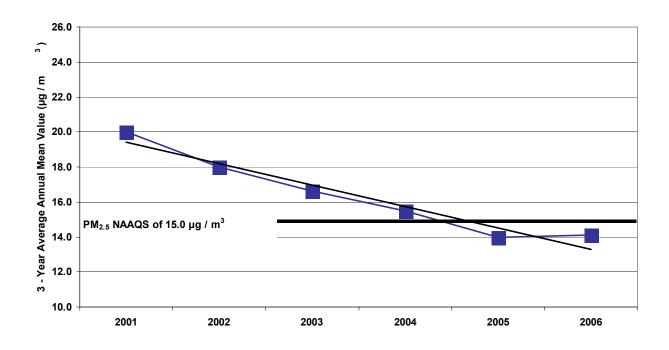


Figure A-22 Stockton - Hazelton 3-year average PM2.5 annual mean value from 1999 to 2006

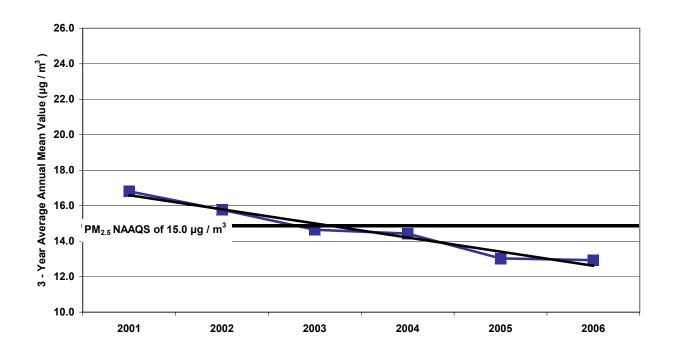


Figure A-23 PM2.5 24-hour Design Value Comparison, 2002 and 2006

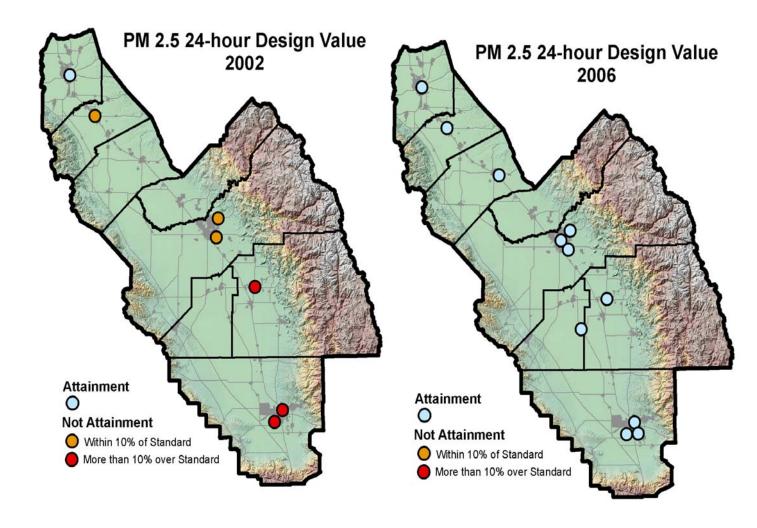
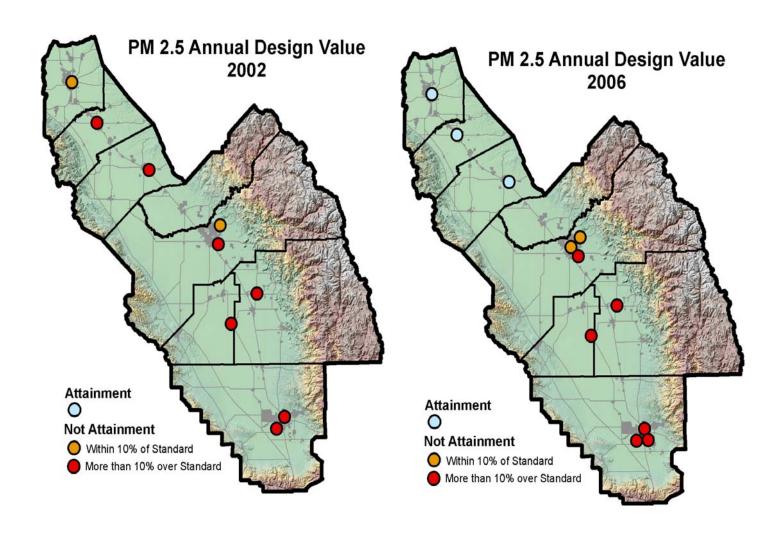


Figure A-24 PM2.5 Annual Mean Design Value Comparison, 2002 and 2006



A.6 RESULTS USING PRELIMINARY 2007 REAL-TIME 24-HOUR PM2.5 DATA

The District used real-time non-Federal Reference Method BAM data to calculate preliminary 2007 24-hour PM2.5 98th percentile values and the three-year (2005 through 2007) 24-hour average 98th percentile values. The data used in this calculation is preliminary and is subject to change.

Air quality meets the 24-hour PM2.5 standard when the average of the annual 98th percentile PM2.5 value is less than or equal to 65 µg/m³ at each monitoring site. "Daily value" for PM refers to the 24-hour average concentration of PM calculated or measured from midnight to midnight local standard time for PM2.5. Average and mean refer to an arithmetic mean. The data completeness test is performed for each site prior to calculating the 98th Percentile and Annual Mean PM2.5 values to ensure that each site has enough values to be compared to the NAAQS. A site meets the data completeness test when at least 75% of the scheduled sampling days for each quarter have valid data. All sites in 2007 meet data completeness requirements using real-time non-Federal Reference Method BAM data.

According to the preliminary real-time 2007 non-Federal Reference Method BAM data, all San Joaquin Valley (SJV) air monitoring sites meet the 24 hour "1997" PM2.5 NAAQS (Table A-13) except Clovis, Bakersfield-Golden, and Bakersfield-California. Once the official 2007 Federal Reference Method PM2.5 data is available, typically no earlier than July 1st, 2008, the District will perform the necessary 24-hour and annual PM2.5 attainment calculations and determine the designation status.

Table A-13 24 - hour PM2.5 98th percentile values (μg / m³). 2007 data is considered preliminary.

SJV SITE	2005	2006	2007*	AVG. 05-07
Stockton	44.0	42.0	50.0	45
Tracy	§	Ş	39.0	8
Modesto	55.0	52.0	64.0	57
Turlock	§	Ø	58.0	Ş
Merced	48.3	43.8	#	#
Fresno-1st	71.0	51.0	70.0	64
Fresno-Winery	71.2	55.0	#	#
Clovis	77.0	51.3	72.0	67
Corcoran	74.5	50.1	67.0	64
Visalia	65.0	50.0	67.0	61
Bakersfield-Golden	74.9	64.4	74.0	71
Bakersfield-California	63.6	60.5	77.0	67
Bakersfield-Planz	66.4	50.6	#	#

Derived value via data substitution.

^{* - 2007} PM2.5 data is from a BAM which is considered preliminary and subject to change.

^{§ -} Federal Reference Method monitors are not located at these sites.

^{# -} Real time data is not available.

Table 14 Complete Air Quality Data, 2004-2006

POC: 1 ACCOMPLICATION POC: 1 ACCOMPL								AIR QUALITY SYSTEM RAW DATA REPORT						Mar. 21, 2007
PARTICIPATION OF PRESSUC-COLUMN ANTHONE SITE, NAME (1) 138 PACCES; (ORG) CALLICOTRIAR CONCESSORY VALLEY (UNBANISTED ARRAY; (2010) SAN OGGINE VALLEY (UNBANISTED ARRAY; (2011) SAN OGGINE VALLEY (UNBANISTED ARRAY; (2011) SAN OGGINE VALLEY (UNBANISTED ARRAY; (2012) SAN OGGINE VALLEY (UNBANISTED ARRAY; (2012) SAN OGGINE ALLEY (2012) SAN OGGINE A	ت	88101) PM2.5 -	Local Condi	tions									CAS NUMBER:	
PROGRESS OF THE STATE OF THE STATE AND STATE A	SITE II	D: 06-019-0008	Poc:	1				STATE:	(06) Califor	· ·			LATITUDE:	36.781389
14.7 May no Persono-culva Avenue SITE. Ass SITE NAME (#) 15 F LADOU USE: INSIDERIAL SUBJECTAL SU	CITY: (: (019) Fresno 27000) Fresno						AQCR:	(031) SAN JC	DAQUIN VALLEY			UTM ZONE:	
14 F. Resources Board (117) R. & P. MODEL 200 PMCL: S. SAMPLER W/W A M.F. Resources Board MANCHEL MANCHEL MANCHER W/W A M.F. Resources Board (117) R. & P. MODEL 200 PMCL: S. SAMPLER W/W A M.F. Resources Board MANCHEL MANCHER W/W 11.0	SITE A	DDRESS: 3425 N		RESNO	THE TO CHOUSE	TOTAL COLUMN	Carlo Common		ED AREA: (2840) E: RESIDENTI.)) FRESNO, CA: AL			UTM NORTHING: UTM EASTING:	4074004
AMERICA APPLIE RANCE 11.0 9.0 9.0 NOTE SEPRIFICATION REPORT FOR: 2004 MARKEH APPLIE RANCE 11.0 9.0 9.0 9.0 NOTE SEPRIFICABLE NOTE 11.0	MONITOR	R COMMENTS: PRI	MARY PM2.5 1	R&P SEQUENTIAL SP	AMPLER	AVENUE SIIE. AKE	SILE NAME (#)	2	N SETTING:	SUBURBAN			ELEVATION-MSL:	
### NAME ARM 1000 11.0 AR 10.0 11.0 AR 11	SUPPOR:	T AGENCY: (0145;		Air Resources B	loard							DURATION	PROBE HEIGHT: 1: 24 HOURS	
NAMECH RESOURCES BORNET 17.0 6.0 11.0 9.0 9.0 NP. 10.0 NP. 10.0 10 43.0 18.0 9.0 11.0 9.0 9.0 11.0 NP. 10.0 11.0 43.0 18.0 9.0 11.0 9.0 9.0 11.0 NP. 10.0 11.0 11.0 43.0 25.5 7.0 AP 9.0 12.0 11.0 NP. 10.0 11.0 11.0 11.0 11.0 25.1 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12	COLLECT	TION AND ANALYS.		(117) R & P MODEI	L 2000 PM2.5	SAMPLER w/W		KEPOKI				UNITS:	ficrograms/cubic met	er (LC)
1.0 2.0	REPORT	ING ORG: (0145)	ď	Air Resources Bo	ard							MIN DET	CTABLE: 2	
12.0 38.0 17.0 6.0 11.0 9.0 9.0 9.0 9.0 17.0 18.0 17.0 18.0	Day	JANUARY	FEBRUARY	MARCH	APRIL	MAX	JUNE	מחד	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
6.0 14.0 8.0 9.0 13.0 9.0 11.0 M\$ 8.0 11.0 11.0 M\$ 8.0 11.0 11.0 11.0 M\$ 8.0 11.0	1	12.0	38.0	17.0	0.9	11.0	9.0	0.6	AF	10.0	11.0	43.0	57.0	
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	87 6	6.0	14.0	8.0	0.6	13.0	9.0	11.0	AF	8.0	14.0	31.0	P 69.0	
Name	n 4	10.0	13.0	18.0	9.0	14.0	0.8	0.6	0.6	10.0	16.0	16.0	P 71.0	
1.0 1.0	2	39.0 j	37.0	25.0	A	6.0	0.9	15.0	0.01	12.0	15.0	o.	60.0	
No.	9	39.0 j	26.0	21.0	7.0	8.0	6.0	10.0	5.0	12.0	17.0	46.0	AF.	
National N	7	26.0	13.0	18.0	12.0	7.0	5.0	8.0	. 12.0	16.0	10.0	37.0	12.0	
No.	œ c	21.0 j	35.0	19.0	14.0	4.0	0.8	10.0	13.0	15.0	12.0	43.0	17.0	
26.0 39.0 AF 13.0 6.0 9.0 11.0 11.0 12.0 A A A A A A A A A	. 01	26.0	31.U	28.0	15.0	9 6	7.0	0.0	10.0	13.0	4.0	23.0	24.0	
10.0 1.0	11	26.0	39.0	AF	13.0	0.9	8.0	0.6	17.0	11.0	10.0	21.0	28.U	
11.0 12.0	12	26.0 j	29.0	21.0	11.0	7.0	10.0	11.0	13.0	6.0	11.0	15.0	AF	
13.0 19.0	13	30.0	11.0	25.0	5.0	7.0	0.8	8.0	12.0	8.0	13.0	28.0	AF	
15.0 26.0 27.0	14	33.0	19.0	19.0	0.0	8.0	7.0	10.0	AG	0.6	19.0	33.0 %	13.0	
31.0 16.0 19.0 3.0 5.0 12.0 6.0 9.0 12.0 6.0 9.0 12.0 6.0 9.0 12.0 6.0 9.0 12.0 6.0 9.0 12.0 6.0 9.0 12.0 6.0 9.0 9.0 6.0 9.0 <	16	33.0	26.0	27.0	0.0	2.0	14.0	0.0		13.0	20.0	0.68	16.0	
44.0 9.0 14.0 4.0 4.0 11.0 6.0 11.0 6.0 5.0 5.0 8.0 8.0 4.0 9.0 4.0 4.0 4.0 11.0 6.0 11.0 6.0 6.0 11.0 6.0 5.0 8.0 9.0 4.0 9.0 4.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9	17	31.0	16.0	19.0	3.0	5.0	12.0	6.0	0.6	12.0	6.0	37.0	AF.	
41.0 20.0 8.0 6.0 6.0 11.0 5.0 13.0 4.0 5.0 36.0 10.0 10.0 10.0 8.0 11.0 5.0 13.0 4.0 5.0 36.0 10.0 10.0 8.0 10.0 8.0 11.0 5.0 11.0 5.0 11.0 5.0 14.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19	18	44.0	0.6	14.0	4.0	4.0	11.0	0.9	11.0	6.0	4.0	57.0	AF	
10.0 10.0	61 6	44.0	20.0	8.0	0.9	0.9	11.0	5.0	13.0	4.0	5.0	36.0	26.0	
42.0 15.0 6.0 5.0 7.0 11.0 19.0 5.0 8.0 14.0 19.0 8.0 18.0 14.0 19.0 8.0 14.0 19.0 8.0 14.0 19.0 8.0 14.0 19.0 8.0 14.0 19.0 8.0 14.0 19.0 8.0 14.0 19.0 8.0 14.0 19.0 8.0 14.0 19.0 8.0 14.0 19.0 8.0 19.0 8.0 19.0 8.0 19.0 8.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19	8 5	39.0	22.0	10.0	AF	7.0	0.6	0.9	11.0	5.0	0.0	34.0	26.0	
AE 8.0 8.0 9.0 5.0 9.0 9.0 9.0 4.0 10.0 30.0 8.0 8.0 AE 8.0 8.0 10.0 10.0 10.0 30.0 M 18.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	22	49.0	7.0	16.0	2.0	0.7	11.0	10.0	0.0	0.8	14.0	19.0	23.0	
AF 8:0 8:0 9:0 8:0 7:0 10:0 6:0 13:0 25:0 8:0 AF 7:0 12:0 11:0 7:0 10:0 5:0 13:0 17:0 52:0 8:0 AF 3:0 6:0 13:0 12:0 4:0 10:0 AF 11:0 49:0 8:0 AF 15:0 13:0 12:0 AG 11:0 AF 10:0 3:0 34:0 34:0 25:0 23:0 23:0 40:0 10:0 10:0 AF 10:0 3:0 3:0 40:0 21:0 30:0 8:0 10:0 10:0 10:0 10:0 40:0 40:0 21:0 30:0 28 30 28 30 28:0 40:0 40:0 40:0 49:0 39:0 28:0 14:0 14:0 14:0 17:0 15:0 40:0 49:0 39:0 30:0 18:0	23	42.0	15.0	0.9	0.6	5.0	9.0	0.6	4.0	10.0	30.0 Y	38.0	34.0	
AF 7.0 7.0 12.0 11.0 7.0 10.0 5.0 13.0 17.0 52.0 A 43.0 7.0 6.0 13.0 12.0 4.0 12.0 A 43.1 7.0 6.0 14.0 11.0 AM 12.0 AP 12.0 7.0 49.0 AP AF 15.0 13.0 12.0 4.0 10.0 20.0 AQ AF 2.0 16.0 AQ 29.0 8.0 8.0 8.0 10.0 11.0 7.0 40.0 AQ 21.0 8.0 8.0 10.0 11.0 7.0 41.0 AP 21.0 8.0 10.0 11.0 7.0 41.0 AQ 21.0 10.0 11.0 7.0 41.0 AP 22.0 10.0 8.0 10.0 11.0 7.0 36.0 41.0 AP 22.0 10.0 11.0 7.0 12.0 41.0 AP 22.0 10.0 11.0 7.0 12.0 41.0 AP 22.0 10.0 11.0 7.0 12.0 41.0 AP 23.0 12.0 14.0 14.0 14.0 14.0 15.5 33.59 24.0 10.0 12.0 14.0 14.0 14.0 14.0 12.0 12.0 14.0 35.59 25.0 10.2 10.3 11.0 12.3 33.59	24	AF	8.0	8.0	0.6	8.0	7.0	10.0	0.9	13.0	25.0	52.0	AF	
AF 3.0 7.0 6.0 13.0 12.0 AR 12.0 7.0 AR 49.0 AR 40.0 A	25	AF.	7.0	7.0	12.0	11.0	7.0	10.0	5.0	13.0	17.0	52.0	AF	
AF 15.0 13.0 12.0 4.0 10.0 20.0 AF 11.0 2.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15	27	43.0	7.0	0.0	14.0	12.0	0.4	12.0	AF.	12.0	0.0	49.0	AF	
35.0 23.0 9.0 8.0 5.0 AF 13.0 10.0 10.0 21.0 40.0 AC 29.0 8.0 8.0 10.0 11.0 7.0 36.0 41.0 AC 21.0 AC 2	58	AF	15.0	13.0	12.0	4.0	10.0	20.0	A CA	FE	0.00	0.4.0	3.5	
29.0 6.0 9.0 8.0 8.0 10.0 11.0 7.0 36.0 41.0 h	53	35.0	23.0	0.6	8.0	5.0	AF	13.0	10.0	10.0	21.0	40.0	5.0	
21.0 8.0 10.0 AF 12.0 41.0 A 41.0 A 5 12.0 41.0 A 5 12.0	30	29.0		6.0	0.6	8.0	8.0	10.0	11.0	7.0	36.0	41.0		
26 28 30 28 30 28 30 28 30 28 30 25 29 31 29 49.0 49.0 39.0 39.0 18.0 14.0 14.0 14.0 17.0 17.0 16.0 41.0 57.0 17.0 18.0 18.0 11.0 17.5 31.59 10.27 9.18 10.27 10.45 11.5	31	21.0		8.0		10.0		AF	12.0		41.0		AF	
49.0 39.0 28.0 18.0 14.0 14.0 27.0 17.0 16.0 41.0 57.0 57.0 17.0 18.0 10.0 10.0 10.0 10.0 10.0 10.0 10	NO.:	56	28	30	28	30	28	30	25	29	. 31	. 59	17	
29.88 18.96 15.37 9.11 7.53 8.50 10.27 9.56 10.45 15.55 33.59	MAX:	49.0	39.0	28.0	18.0	14.0	14.0	27.0	17.0	16.0	41.0	57.0	71.0	
2 Values marked with	MEAN:	29.88		15.37	9.11	7.53	8.50		9.56	10.45	15.55	33.59	32.88	
331 ANNUAL MEAN: 16.17 ANNUAL MAX: 71.0	ANNUAL	ANNUAL OBSERVATIONS:	331	ANNUAL MEAN:	16.17	ANNUAL MAX:	71.0	N	alues marked w	with 'P' exceed	the PRIMARY S1	CANDARD of: 65		
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Continue	STATE: (06) California AGER: (103) SAN JONGOTH VALLEY INSMER (4) 15 FT LOCATION STITING. STUDINGAN. THE MAY JUNE TITE NAME (4) 15 FT LOCATION STITING. STUDINGAN. THE MAY JUNE JUNE JUNE JUNE STITING. STUDINGAN. THE STORY FOR: ZOOS THE ST	11 FRESNO 1-2/3 MI. NAW OF PRESNO-OLIVE AVENUE SITE. ARB SITE NAME (1 Alt Resources Board (117) R & P MODEL 2000 PM2.5 SAMPLER W/W (1 Alt Resources Board MARCH MARCH MARCH MARCH MARCH 12.0 9.0 9.0 18.0 AF 6.0 7.0	KAW DAIA KEPOKI					2000 10 2001
Color Colo	STATE: (06) California AGCR. (05) SAN COMPOUNT VALLET URBANIZARD ARRAN. (021) SAN COMPOUNT VALLET URBANIZARD ARRAN. (021) SAN COMPOUNT VALLET URBANIZARD ARRAN. (021) SAN COMPOUNT VALLET STATEMENTAL SANGLER W/W FOR SANGLER W/W TO NOW TO NO	FRESNO 1-2/3 MI. NNW OF PRESNO-OLIVE AVENUE SITE. ARB SITE NAME (5 RAP PEROUNCES BOARC 1(117) R & P MODEL 2000 PM2.5 SAMPLER W/W A AIR Resources Board MARCH APRIL MAY JUNE 12.0 9.0 5.0 9.0 15.0 AR 6.0 7.0						Mdr. 41, 600
Part	California Cal	FRESNO 1-2/3 MI. NRW OF PRESNO-OLIVE AVENUE SITE. ARB SITE NAME (5 RAP SEQUENTIAL SAMPLER fia Air Resources Board (117) R & P MODEL 2000 PM2.5 SAMPLER W/W (A Air Resources Board MARCH APRIL MAY 7.03E 12.0 9.0 12.0 15.0 16.0 17.0 18.0 18.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19					CAS NUMBER:	
Column C	Coloniary Colo	FRESNO 1-2/3 MI. NOW OF PRESNO-OLIVE AVENUE SITE. ARB SITE NAME (5 Raf PRODUCTIAL SAMPLER id Air Resources Board 117) R & P MODEL 2010 PM2.5 SAMPLER W/W Alt Resources Board MARCH APRIL MAY JUNE 12.0 9.0 12.0 9.0 15.0 AF 6.0 16.0 AF 7.0		ifornia			LATITUDE:	36.781389
Column C	TIL MAY JUNE AVENUE SITE, ARB SITE NAME (#) IS PERFORMINGS RESIDENTIAL SUBURBANA SITE NAME (#) IS PLAND USE: REPORT FOR: 2005 14.0 11.0 12.0 14.0 11.0 12.0 14.0 11.0 12.0 14.0 11.0 12.0 14.0 11.0 12.	1-2/3 MI. NRW OF PRESMO-OLIVE AVENUE SITE. ARB SITE NAME (5 RAP SEQUENTIAL SAMPLER 1A Air Resources Board (117) R & P MODEL 2000 PM2.5 SAMPLER W/W Air Resources Board MARCH APRIL MAY JUNE 12.0 9.0 5.0 9.0 15.0 AF 6.0 7.0		N JOAQUIN VALLEY			DIM ZONE:	11
Part	THE MANY OFFICE AND SITE NAME (#) IS FLOCKITON SETTING: SUBURBAN SUBURBAN STEEL NAME (#) IS FLOCKITON SETTING: SUBURBAN	1-2/3 MI. NRW OF PRESNO-OLIUE AVENUE SITE. ARB SITE NAME (is Re SEQUENTIAL SAMPLER is Air Resources Board (117) R & P MODEL 2000 PM2.5 SAMPLER w/w Air Resources Board MARCH APPLL MAY JUNE 12.0 9.0 6.0 9.0 15.0 AF 6.0 7.0	URBANIZED AREA: (2840) FRESNO, CA			UTM NORTHING:	
Committee Comm	THE REPORT FOR: 2005 THE NAY JUNE JULY ANGUST SEPTEMBER OCTOBER NOOVE CO. 13.0 A. 14.0 A. 11.0 A. 15.0 A. 14.0 A. 11.0 A. 15.0 A. 15.	is Air Resources Board (117) R & P MODEL 2000 PM2.5 SAMPLER W/W A Air Resources Board MARCH APPRIL MAY JUNE 12.0 9.0 5.0 9.0 18.0 AF 6.0 7.0	TAND USE:	NTIAL			UIM EASTING:	252601
TI MAY JUNE JULY ANGUER SEPTEMBER COTOBER NOVE NOVE SANNELER W/W A JUNE JULY ANGUER SEPTEMBER COTOBER NOVE NOVE SEPTEMBER COTOBER NOVE SEPTEMBER NOTE SEPTEMBER SEPTEMBER NOTE SEPTEMBER SEPTEMBER NOTE SEPTEMBER NOTE SEPTEMBER SEPTEMBER SEPTEMBER SEPTEMBER SEPTEMBER SEPTEMBER NOTE SEPTEMBER SEP	TI MAY JUNE JULY AUGUST SEPTEMBER OCTORER NOOME STANDSER NOOME STA	OO PM2.5 SAMPLER W/W CLL MAX JUN 9.0 6.0	LOCATION SETTING:				ELEVATION-MSL:	
MAY JUNE JULY AUGUST SEEPTEMBER OCTOBER NOTE	NO PREZ.S SAMPLER W/W TILL MAY TUNE TO 11.0	00 PM2.5 SAMPLER W/W CLL MAX JUN 9.0 6.0						
11. MAY JUNE JUNE JUNE JUNE ALGUST SEPTEMBER OCTOBER NOVE LAS SAMPLER W/M JUNE JUNE JUNE ALGUST SEPTEMBER OCTOBER NOVE LAS SEPTEMBER SEPTEMBER STRANDARY STANDARY STANDAR	11. MAX JUNE JULY AUGUST SEPTEMBER OCTOBER NOVE 9.0 13.0 8.0 14.0 11.0 2 8.0 5.0 9.0 13.0 8.0 14.0 11.0 2 8.0 4.0 AQ 5.0 31.0 AE 7.0 11.0 11.0 11.0 8.0 AE 7.0 13.0 AB 11.0 11.0 11.0 11.0 11.0 11.0 8.0 AE 8.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17	00 PM2.5 SAMPLER w/W KIL MAY JUN 9.0 5.0 7.0		2005		DURATION	1: 24 HOURS	
MAY MAY JUNE JULY MUGUST SEPTEMBER OCTORER MOVUMBER DECEMBER MOVUMBER MOVUMBE	MIN DEFECTION MIN DEFECTIO	TT MAY JUN 9.0 5.0 7.0 7.0				UNITS: R	Micrograms/cubic metu	er (LC)
Marie Mari	Manual M	1 APRIL MAY JUN 1.0 9.0 5.0 1.0 AF 6.0				MIN DETE	CTABLE: 2	
Marie Sico	MF 56.0 12.0 9.0 13.0 13.0 14.0 14.0 15	0 9.0 5.0 0 AF 6.0		SEPTEMBER	OCTORER	NOVEMBER	DECEMBER	
Name	AF 35.0 B 0 AF 7.0 13.0 AF 13.0 4.0 4.0 13.0 4.0 4.0 13.0 4.0 13.0 4.0 13.0 4.0 13.0 4.0 13.0 4.0 13.0 4.0 4.0 13.0 4.0 4.0 13.0 4.0 4.0 4.0 4.0 4.0 4.0 13.0 13.0 4.0	3.0 AF 6.0			0 11	0 96	N. C.	
Maintaine Main	Name	0.1			4.0	12.0		
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No.	No.	0.8 0.4			10.0	10.0		
1.0 1.0	No.	17.0 8.0 4.0			12.0	28.0		
2.0 27.0 27.0 27.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	2.0 27.0 27.0 12.0 4.0 ME 5.0 13.0 13.0 13.0 13.0 13.0 13.0 14.0 P 8.0 4.0 13.0 13.0 13.0 13.0 13.0 14.0 P 8.0 4.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	0.4			13.0	21.0		
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AF 43.0 53.0 9.0 6.0 AH 14.0 7.0 12.0 12.0 9.0 7.0 12.0 9.0 7.0 9.0 7.0 9.0 7.0 9.	Name	6.0 8.0 AF			12.0	14.0		
25.0 23.0 23.0 4.0 7.0 8.0 MH 14.0 8.0 15.0 20.0	25.0 23.0 29.0 6.0 AF 48.0 14.0 8.0 AB 36.0 23.0 4.0 AF 48.0 13.0 13.0 15.0 21.0	3.0 9.0 5.0			12.0	30.0		
30.0 23.0 23.0 23.0 4.0 AF AF AF 18.0 12.0 9	30.0 23.0 4.0 AF 18.0 12.0 9.0 18.0 39.0 39.0 4.0 AF 18.0 12.0 9.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 49.0 49.0 44.0 17.0 13.0 11.0 15.0 50.0 50.0 44.0 47.0 13.0 12.0 6.0 41.0 <td>9.0 6.0 7.0</td> <td></td> <td></td> <td>15.0</td> <td>21:0</td> <td></td> <td></td>	9.0 6.0 7.0			15.0	21:0		
18.0 18.0 18.0 4.0 7.0 AQ 17.0 11.0 11.0 15.0 5.0 5.7 44.0 18.0 18.0 4.0 4.0 5.0 AQ 17.0 19.0 11.0 15.0 5.0 5.0 5.0 44.0 18.0 15.0 4.0 5.0 AQ 17.0 19.0 19.0 19.0 5.0 6.0 6.0 6.0 6.0 44.0 27.0 21.0 21.0 4.0 6.0 AQ 17.0 19.0 6.0 18.0 6.0 41.0 6.0 44.0 34.0 22.0 6.0 4.0 AP 7.0 12.0 19.0 19.0 19.0 19.0 41.0 41.0 44.0 3.0 4.0 4.0 AF 7.0 4.0 19.0 19.0 19.0 19.0 19.0 44.0 3.0 4.0 4.0 AF 7.0 4	36.0 18.0 15.0 4.0 7.0 AQ 17.0 10.0 11.0 15.0 5.0 AQ 17.0 10.0 11.0 15.0 9.0 5.0 AQ 17.0 13.0 12.0 6.0 6.0 4.0 4.0 17.0 15.0 9.0 6.0 4.0 4.0 17.0 15.0 8.0 10.0 17.0 11.0 15.0 40.0 <	3.0 4.0 AF			18.0	39.0		
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1.0 1.0	1.0 2.0 4.0 4.0 4.0 4.0 4.0 12.0 13.0 6.0 18.0 4	1.0 14.0 6.0 AQ			10.0	41.0	48.0	
1.0 3.0 7.0 4.0 AF 7.0 10.0 7.0 14.0 53.0 1	31.0 3.0 7.0 4.0 AF 7.0 10.0 7.0 14.0 53.0 53.0 18.0 2.0 4.0 4.0 4.0 6.0 8.0 12.0 10.0 15.0 14.0 57.0 53.0 18.0 2.0 4.0 4.0 4.0 6.0 8.0 12.0 12.0 8.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17	0.0			18.0	48.0	57.0	
18.0 2.0 4.0 4.0 4.0 6.0 8.0 12.0 10.0 15.0 14.0 57.0 14.0 15.0 14.0 15.0 14.0 15.0 14.0 15.0 14.0 15.0 14.0 15.0 14.0 15.0	18.0 2.0 4.0 4.0 4.0 6.0 8.0 12.0 10.0 15.0 14.0 57.0	AF	•		0.6	53.0	0. [
27.0 4.0 4.0 5.0 8.0 7.0 7.0 7.0 12.0 8.0 17.0 5.0 8.0 17.0 5.0 8.0 17.0 5.0 8.0 17.0 5.0 8.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17	27.0 4.0 5.0 8.0 7.0 7.0 12.0 8.0 17.0 21.0 8.0 17.0 12.0 8.0 17.0 12.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 22.0 56.0 24.0 12.0 4.0 6.0 9.0 11.0 11.0 11.0 12.0 23.0 56.0 56.0 57.0 11.0	0.9	-		14.0	57.0	14.0	
26.0 AF 4.0 10.0 7.0 9.0 11.0 11.0 19.0 32.0 56.0 17.0 17.0 11.0 11.0 19.0 32.0 56.0 17.0 17.0 18.0 11.0 11.0 19.0 32.0 56.0 17.0 17.0 18.0 17.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18	26.0 AF 4.0 10.0 7.0 9.0 11.0 11.0 19.0 35.0 56.0 56.0 11.0 11.0 11.0 19.0 32.0 56.0 56.0 11.0 11.0 11.0 19.0 32.0 56.0 56.0 11.0 11.0 11.0 11.0 19.0 56.0 56.0 11.0 11.0 11.0 11.0 11.0 12.0 56.0 11.0 11.0 11.0 11.0 11.0 11.0 11.0 1	7.0			21.0	51.0	26.0	
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35.0 20.0 6.0 6.0 110 8.0 12.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	35.0 20.0 6.0 6.0 11.0 8.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12	0.6		0.01	29.0		12.0	
23.0 25.0 14.0 8.0 13.0 7.0 12.0 14.0 9.0 7.0 5.0 5.0 13.0 14.0 14.0 9.0 7.0 5.0 5.0 5.0 14.0 14.0 14.0 14.0 14.0 15.0 5.0 5.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0 14	23.0 25.0 14.0 8.0 13.0 7.0 12.0 14.0 9.0 7.0 5.0 14.0 14.0 9.0 7.0 5.0 14.0 14.0 14.0 14.0 14.0 14.0 5.0 14.0 5.0 14.0 5.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0 14	11.0			12.0		27.0	
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14.0 6.0 8.0 6.0 11.0 11.0 8.0 16.0 14.0 16.0 17.0 17.0 17.0 18.0	14.0 6.0 8.0 6.0 11.0 11.0 8.0 16.0 16.0 16.0 16.0 16.0 16.0 16.0 16	6.0		16.0	16.0	21.0	14.0	
21.0 3.0 18.0 14.0 27.0 28.0 28.0 24.0 24.0 18.0 14.0 27.0 28.0 24.0 24.0 24.0 15.0 19.0 19.0 19.0 19.0 17.0 28.0 28.0 24.0 17.0 25.0 28.0 28.0 28.0 28.0 29.0 29.0 29.0 29.0 29.0 29.0 29.0 29	24.0 18.0 14.0 27.0 27.0 24.0 24.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15	0.9 0.9			14.0	16.0	17.0	
22.46 51.08 15.61 6.82 6.96 7.86 11.97 11.17 11.10 13.16 33.10 40.2 Qualifier codes with regional concurrence are shown in upper case, and those without 11 Values marked with '8' exceed the PRIMARY STANDARD of: 65 12 26 26 31.0 13 33.7 ANNUAL MEAN: 17.18 ANNUAL MAX: 86.0 11 Values marked with '8' exceed the PRIMARY STANDARD of: 65 12 26 26 32 13 40.2 14 4.0 15 5 1.0 15 6 5 5 16 6 5 5 17 6 6 5 5 18 6 6 6 5 6 5 19 7.0 19 7.0 19 8 7.0 19 9 9 9 9 9 19 9 9 9 9 19 9 9 9	26 26 28 28 21 30 29 30 31 30 44.0 53.0 14.0 13.0 13.0 13.0 13.0 11.0 13.0 13.0 13	0.7	•	18.0	14.0	27.0	28.0	
44.0 26 28 28 28 28 21 30 29 30 31 30 86.0 29 44.0 32.0 31.0 30.0 31.0 86.0 22.46 22.88 15.61 6.82 6.96 7.86 11.97 11.17 11.10 13.16 33.10 40.2 Qualifier codes with regional concurrence are shown in upper case, and those without 17 and those without 18 and thos	26 26 28 28 21 30 29 30 31 30 44.0 44.0 53.0 14.0 13.0 13.0 13.0 15.0 19.0 32.0 71.0 11.2 22.88 15.61 6.82 6.96 7.86 11.97 11.17 11.10 33.10 33.10	0.91	· FT		19.0		17.0	
44.0 13.0 13.0 15.0 19.0 32.0 71.0 22.46 22.88 15.61 6.82 6.96 11.97 11.17 11.10 13.16 33.10 L. OBSERVATIONS: 337 ANNUAL NEAN: 17.18 ANNUAL MAX: 86.0 11 Values marked with 'P' exceed the PRIMARY STANDARD of: 65 Qualifier codes with regional concurrence are shown in upper case, and those without	13.0 31.0 15.0 19.0 32.0 71.0 13.0 11.7 11.10 13.10 13.10 13.10 33.10 11.0 11.17 11.10 13.	28 28 28	30		31	30	30	٠
L OBSERVATIONS: 337 ANNUAL NEAR: 17.18 ANNUAL MAX: 86.0 11.97 11.17 11.10 13.16 33.10 L OBSERVATIONS: 337 ANNUAL NEAR: 17.18 ANNUAL MAX: 86.0 11 Values marked with 1° exceed the PRIMARY STANDARD of: 65 Qualifier codes with regional concurrence are shown in upper case, and those without		0 14.0 13.0 J			32.0	71.0	. 0.98	
L OBSERVATIONS: 337 ANNUAL MEAN: 17.18 ANNUAL MAX: 86.0 Qualifier codes with regional concurrence are shown in upper case, and those without		96.90 Z8.90 To		11.10	13.16	33.10		
Qualifier codes with regional concurrence are shown in upper case, and those without	337 ANNUAL MEAN: 17.18 ANNUAL MAX: 86.0	17.18 ANNUAL MAX:	11 Values mar	ked with 'P' exceed	the PRIMARY	STANDARD of: 65		
	Qualifier codes with regional concurrence are shown in upper case, and those without	gional concurrence are shown in upper case, and those with	•	ked with 'S' exceed	the SECONDAR	Y STANDARD of:	65	

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Page

(8810.) PAZ.5 - Local Condition SITE ID: 06-019-0008 PCC: 1 COUNTY: (019) Fresno GIT: (2700) Fresno GITE ADDRESS: 3425 N FIRST ST, FRESN	1) PM2.5 - I 6-019-0008	(88101) PM2.5 - Local Condition	ons.										101
SITE ID: 06 COUNTX: (01 CITY: (2700 SITE ADDRE	K-019-0008											CAS NUMBER:	
CITY: (2700 SITE ADDRE:	1	POC: 1					STATE		9			LATITUDE:	36.78
SITE ADDRE	19) Fresno						AOCR		(031) San JOAOHIN VALLEY			LONGITUDE:	-119.
	SS: 3425 N E	TRST ST, FRE	ONS				URBANI	URBANIZED AREA: (2840) FRESNO, CA) FRESNO, CA			UTM NORTHING:	40740
SITE COMMEN	NIS: RELOCAL	SITE COMMENTS: RELOCATED ABOUT 1-2/3		FRESNO-OLIVE	AVENUE SITE. AM	MI. NNW OF FRESNO-OLIVE AVENUE SITE, ARB SITE NAME (#)	IS FF	LAND USE: RESIDENTIAL LOCATION SETTING:	AL SUBURBAN			UTM EASTING:	
MOINTION COL	MARINTS: FRIE	JAKI PMZ.5 K	e sequential sampler	AMPLER	-							PROBE HEIGHT:	9.2
SUPPORT AGENCY: (01 MONITOR TYPE: SLAMS	ENCY: (0145) PE: SLAMS	California	SUPPORT AGENCY: (0145) California Air Resources Board MONITOR IYPE: SLAMS	Board							DURATION	DURATION: 24 HOURS	
COLLECTION	AND ANALYSI	S METHOD: MU	COLLECTION AND ANALYSIS METHOD: MULTIPLE METHODS				REPOR	REPORT FOR: ZUUB			MISTIN	INITS: Micrograms/cubic meter (10)	(T)
REPORTING (ORG: (0145)	REPORTING ORG: (0145) California Air	ir Resources Board	bard							MIN DETECTABLE:	CIABLE: 2	1
MO	MONTH												
Day JAN	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
	11.0	41.0	10.0	0.9	11.0	6.0	8.0	7.0	11.0	15.0	36.0	48.0	
2 6	3.0	27.0	7.0	0.6	13.0	4.0	0.6	12.0	13.0	34.0	29.0	AF	
ກ <	17.0	22.0	7.0	3.0	14.0	5.0	10.0	17.0	15.0	29.0	8.0	AF	
	30.0	26.0	11.0	0.0	14.0	0.0	14.0	13.0	11.0	8.0	20.0	AF	
	38.0	30.0	11.0	0 0	AG 43.9	0.0	7.0	0.0	15.0	11.0	34.0	AF	
	24.0	26.0	6.0	0.8	12.0	8.0	0.6	0.6	14.0	0.51	35.0	AF.	
	19.0	38.0	0.6	4.0	12.0	7.0	14.0	0.6	15.0	17.0	26.0	AI	
۰ د	34.0	49.0	0.6	4.0	12.0	10.0	14.0	12.0	0.6	14.0	5.0	4.0	
	33.0	51.0	0.0	0.4	17.0	10.0	12.0	13.0	7.0	13.0	23.0	14.0	
	46.0	56.0	0.6	4. r.	15.0	0.0	AN	8.0	14.0	13.0	23.0	18.0	
		P 71.0	15.0	9 0	12.0	0.0	0.0	0.6	21.0	17.0	22.0	24.0	-
			AN	0.8	14.0	0.9	18.0	0.11	12.0	16.0	0.62	28.0	
15	8.0	8.0	14.0	4.0	16.0	0.9	14.0	0.6	8.0	12.0	27.0	24.0	
	32.0	18.0	12.0	3.0	13.0	12.0	14.0	0.6	0.6	6.0	39.0	11.0	
	35.0	22.0	12.0	3.0	15.0	AN	AG	8.0	14.0	6.0	42.0	17.0	
87 0	22.0	11.0	11.0	5.0	18.0	AN	AN	11.0	14.0	7.0	25.0	35.0	
	28.0	13.0	10.01	0.0	10.0	AN	AN	11.0	AN	11.0	31.0	51.0	
	37.0	26.0	0.8	0.01	4.0	13.0	13.0	12.0	13.0	13.0	29.0	45.0	
	36.0	30.0	10.0	7.0	4.0	15.0	17.0	14.0	13.0	15.0	46.0	44.0 25.0	
	43.0	32.0	11.0	0.9	7.0	17.0	13.0	13.0	16.0	16.0	12.0	35.0	
	45.0	38.0	14.0	8.0	7.0	17.0	13.0	12.0	10.0	17.0	18.0	40.0	
•	37.0	28.0	12.0	11.0	0.6	15.0	14.0	0.6	11.0	12.0	36.0	58.0	
97 6	22.0	17.0	0.6	14.0	5.0	17.0	16.0	10.0	16.0	16.0	39.0	17.0	
	33.0	o c	3.0	12.0	0.4	13.0	12.0	11.0	18.0	15.0	16.0	7.0	
	29.0		0.0	13.0	0.0		0.11	12.0	21.0	17.0	8.0	19.0	
	24.0		7.0	12.0	7.0	7.0	0.0	13.0	0 16	18.0	30.0	36.0	
31	17.0		5.0		0.6		5.0	14.0		19.0	Nu	57.0	
NO.:	31	28	30	30	30	27	27	31	29	15	96		
MAX: 40	46.0	71.0	16.0	15.0	18.0	17.0	18.0	17.0	24.0	34.0	49.0	58.0	
MEAN: 26	26.81	29.07	9.90	7.07	10.67	9.63	11.89	10.90	14.45	15.00	26.79	31,17	
ANNITAL OBSERVATIONS:													

(88101) PM2												
	(88101) PMZ.5 - Local Conditions	ittions									CAS NUMBER:	
SITE ID: 06-019-0008	9008 POC:	. 2									LACITUDE:	36.78
COUNTY: (019) Fresno	ouse					AOCR.	(06) California (031) San Hoadhin Valley	ALC AOTITN VALLEY			LONGITUDE:	7 :
CITY: (27000) Fresno	ssno					URBANIZ	URBANIZED AREA: (2840) FRESNO, CA	FRESNO, CA			UTM NORTHING:	
ITE COMMENTS: 34	ELOCATED ABOUT	SITE COMMENTS: RELOCATED ABOUT 1-2/3 MI. NNW OF FRESNO-OLIVE AVENUE SITE. ARB SITE NAME (#) IS FI	FRESNO-OLIVE A	VENUE SITE. ARI	B SITE NAME (#)	IS FE LAND U	SE: RESIDENTIAL	ī			UTM EASTING:	
MONITOR COMMENTS: COLLOCATED PM	: COLLOCATED PA	42.5 R&P SEQUENTIAL SAMPLER	AL SAMPLER			LOCALIC	ON SETTING:	SUBURBAN			ELEVATION-MSL: PROBE HEIGHT:	it: 0
SUPPORT AGENCY: (01. MONITOR TYPE: SLAMS	(0145) Californ MS	SUPPORT AGENCY: (0145) California Air Resources Board MONITOR TYPE: SLAMS	Board			10000	2004			DURATION	DURATION: 24 HOURS	
COLLECTION AND ANALYSIS METHOD: REPORTING ORG: (0145) California	NALYSIS METHOD: 0145) Californi	(117) R & P MODEL 2000 PM2.5 SAMPLER w/W. a Air Resources Board	SL 2000 PMZ.5	SAMPLER w/W						UNITS: Microgram	UNITS: Micrograms/cubic meter (LC)	ster
MONTH												
Day JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
7 7 7					i s		8.0					
ı m	12.0		10.0	15.0	8.0	2:	0.6					
4 26.0		AF										
ın u		27.0						;	15.0	20.0	31.0	
7							12.0	11.0	17.0	44.0		
8					5.0	10.0						
6 4	AF	. 6	18.0	. 5.0								
	40.0	0.72									0	
12								6.0	11.0	2		
13 30.0							12.0					
14 15	27.0		6.0	AF	AG	0.6					13.0	
16 33.0		AF										
17										36.0	25.0	
19		74.0		4.0			13.0	0.9	5.0		28.0	
20					0.6	6.0						
	10.0		8.0	8.0							23.0	
22 49.0		15.0									44.0	
24					0.9			14.0	25.0	38.0	34.0	
25							5.0				55.0	
26					4.0	12.0					32.0	
	AF		14.0	11.0							13.0	
28 24.0	17.0	13.0									0.6	
								7.0	36.0	ΑŢ	0.0	
31							13.0))		0.4	
NO.: 6	ĸ		S	5	ιΩ	ĸ	7	ĸ	ø	ĸ	16	
	40.0	27.0	18.0	15.0	0.6	12.0	13.0	14.0	36.0	44.0	55.0	
MEAN: 32.67	21.20	19.20	11.20	8.60	6.40	9.60	10.29	8.80	18.17	31.80	23,81	
ANNITAL OBSERVATIONS.	TONG.	The second second		NAME AND ASSESSED.	C U							

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STATE: COURT PREZ.5 - Local Conditions	ACRE: (06) California ACRE: (031) SAN JORQUIN VALLEY URBANIZED AREA: (2840) FRESNO, CALAND USE: RESIDENTIAL IOCATION SETTING: SUBURBAN REPORT FOR: 2005 REPORT FOR: 2005 13.0 10.0 8.0 10.0	OCTOBER 11.0	CAS 1 LAIT LONG UNM 1 UNM 1 ELEVA UNIM 1 ELEVA UNIM 1 ELEVA HOURS UNIM 1 ELEVA HOURS UNIM 1 ELEVA HOURS UNIM 1 ELEVA HOURS UNIM 1 ELEVA EL	S. NUMBER: HITUDE: MOZUTOE: MOZUTOE: M NORTHING: M NORTHING: EVATION-MSL: COBE HEIGHT: RS RS RS SS/CUBIC meter 2	36.781389
STATE: AGE	(06) California (031) SAN JOAQUIN VALLEY LZED AREN. (2840) FRESNO, CA JSE: RESIDENTIAL TON SETTING: SUBURBAN AUGUST SEPTEMBER AUGUST SEPTEMBER 13.0 8.0 10.0	OCTOBER 11.0	DURATION: 2 UNITS: Mic MIN DETECT NOVEMBER	IATITUDE: 36 LUNGITUDE: -1 UNM NORHHING: 44 UNM EASTING: 26 EELVALION-MSL: 0 EELVALION-MSL: 0 FROBE HEIGHT: 9, 4 HOJRS 4 HOJRS 10507-mms/cubic meter (I	6.7813
NUTY: (0119) Fresno T: (27000) Fresno T: (27000) Fresno T: (27000) Fresno TITOR COMMENTS: RELOCATED ABOUT 1-2/3 MI. NHW OF FRESNO-OLIVE AVENUE SITE. ARB SITE NAME (#) IS FI LAND ULTOR TYPES: SLAME THOR COMMENTS: COLLOCATED PRZ.5 RAF SEQUENTIAL SAMPLER FORT AGENCY: (0145) California Air Resources Board INTOR TYPES: SLAMS NONTH WAY JANUARY FEBRUARY MARCH APRIL MAY JUNE JUNE JULY 12.0 36.0 AQ 7.0 11.0 11.0 11.0 11.0 11.0 11.0 11.0	(031) SAN JOAQUINA (1031) SAN JOAQUINA (1031) SAN JOAQUINA (103 SETTING: SUBURBAN (104 SETTING: SUBURBAN (105 SETTING: SEPTEMBER (106 SETING: SEPT	OCTOBER 11.0	DURATION: 2 UNITS: Mic. MIN DETECT NOVEMBER	LUMCHIUDE: -1 UTM ZONE: -1 UTM ZONE: -1 UTM MORHHING: 4C UTM EASTING: 25 ELEVATION-MSL: 0 ELEVATION-MSL: 0 4 HOJRS 4 HOJRS 4 HOJRS 1 BELE: 2 BECRMBER	-
THE STORESS: 3425 N FIRST ST, FRESNO THE ADDRESS: 3425 N FIRST ST, FR	RI FOR: 2005	OCTOBER 11.0	DURATION: 2 UNITS: Mic. MIN DETECT NOVEMBER	UIM ACAUST. UIM MORPHING: 41 UIM EASTING: 25 ELEVATION-MSIL: 0 PROBE HEIGHT: 9, 4 HOURS COGTAMS/CUDIC METER (I	,
A DEMONSTRATE STATE N FIRENSHOLD THE STEEN AND	NTIAL SI	OCTOBER 11.0	DURATION: 2 UNITS: MAC. MIN DETECT	UTM EASTING: 22 BLEVATION-MSL: 0 PROSE HRIGHT: 9, 4 HOURS cograms/cubic meter (I NBLE: 2 DECEMBER	11 4074004
TIOR COMMENTS: COLLOCATED PAR2.5 REP SEQUENTIAL SAMPLER LOCATION	ισ • • • • • • • • • • • • • • • • • • •	OCTOBER 11.0	DURATION: 2 UNITS: Mic. MIN DETECT	ELEVATION-MSE: 0 PROBE HEIGHT: 9, 4 HOURS cograms/cubic meter (I HBLE: 2 DECEMBER	252601
0 PM2.5 SAMPLER W/W T. MAY JUNE JULY 7.0 10.0 11. 7.0 AQ 8.0 AE 4.0 4.0 AQ 13.0 6.0 13.	8.0 8.0	OCTOBER 11.0	DURATION: 3 UNITS: Mic. MIN DETECT. NOVEMBER	4 HOURS cograms/cubic meter (I NBLE: 2 NBCENBER	9.2
MODEL 2000 PW2.5 SAMPLER W/W Ses Board AQ 7.0 10.0 11. AQ 7.0 AQ AQ 4.0 4.0 4.0 13.0 6.0 13.8	8.0	OCTOBER 11.0	UNITS: Mid MIN DETECT NOVEMBER	cograms/cubic meter (I ABLE: 2 ABCEMBER	
NONTH NONTH NY JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY 17.0 13.0 13.0 13.0 18.0 AQ 7.0 8.0 AP AQ 7.0 10.0 1 13.0 27.0 8.0 AQ 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0		OCTOBER 11.0	NOVEMBER	8	rc)
17.0 36.0 AQ APELL MAY JUNE JULY JULY JULY JULY JULY JULY JULY JULY		OCTOBER	NOVEMBER	DECEMBER	
7.0 6.0 12.0 13.0 13.0 18.0 AQ 7.0 8.0 AD AQ 7.0 8.0 AD 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0		11.0			
13.0 13.0 13.0 18.0 AQ 7.0 13.0 8.0 AE AQ 7.0 AQ 7.0 AQ 7.0 AQ 7.0 AQ 13.0 6.0 AQ 14.0 AQ 14.0 AQ 15.0 AQ 15.0 AQ 15.0 AQ 15.0 AQ 16.0 AQ 17.0 AQ 17.0 AQ 18.0					
27.0 8.0 AF AQ 27.0 AQ 27.0 AQ 27.0 AQ 4.0 AQ 4.0 AQ 4.0 AQ 4.0 AQ 13.0 6.0 AQ 14.0 AQ					
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27.0 8.0 AF AQ 27.0 4.0 AQ 4.0					
27.0 8.0 AF 52.0 4.0 4.0 AQ 27.0 13.0 6.0 AQ			28.0	P 66.0	
27.0 8.0 AF AQ 4.0 4.0 AO		12.0			
8.0 AF 52.0 4.0 4.0 AQ 13.0 6.0 AQ 14.0					
52.0 4.0 AQ 27.0 22.0 13.0 6.0 AQ 4.0					
4.0 AQ 22.0 13.0 6.0 AQ 4.0					
27.0 AQ 22.0 13.0 6.0 AQ 4.0	0.6	AF	21.0	P 85.0	
27.0 AQ 22.0 13.0 6.0 AQ 4.0	11.0	14.0			
22.0					
2.0					
2.0			51.0	5.0	
7.0	AF 10.0	0.8			
25.0 6.0 11.0 7.0 4.0					
			P 74.0	28.0	
	13.0	12.0			
21.0 7.0 AF					
14.0			6	6	
		18.0	0.72	0.62	
5 5 5 3	2	9	ιn	ហ	
MAX: 39.0 36.0 52.0 13.0 7.0 10.0 18.0 MEAN: 15.11 20.17 20.40 8.00 6.20 3.00 11.60	10.40 11.00	18.0	74.0	85.0 42.40	
T. OBSEDIABILONS. 64 NAMES AND STATE OF S.	ed with	the PRIMARY STAN	IDARD of: 65		
SANORE EDAN: A.1.50 CANOOL PAA: 00.0	3 Values marked with 'S' exceed the SECONDARY STANDARD of: 65	the SECONDARY ST	ANDARD of: 65		

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(88101) PM2.5 - Local Conditions SITE ID: 06-019-0008 POC: 2 COINTY: (019) Freeno	Local Condit											
01100111 / 01101 1 1 1 1 1 1 1 1 1 1 1 1	POC: 2	ions				STATE:	(06) California	ait Surrent serve			CAS NUMBER: LATITUDE: LONGITUDE:	36.781389
ACLI SAN PERSON TRESNO URBANIZZO AREA: (1921) SAN SITE ADMESSES: 3425 N FIRST ST, FRESNO STEE COMMENTS: REACESTOR TO THE COMMENTS: REACESTEE ABOUT 1-2/3 MI. NNW OF FRESNO-OLIVE AVENUE SITE. ARE SITE NAME (#) IS F! LOCATION SETIENCE. MONITOR COMMENTS: COLLOCATED PAZ.5 REP SEQUENTIAL SAMPLER	FIRST ST, FR IED ABOUT 1- LOCATED PM2.	ZESNO 2/3 MI. NNW OF 5 R&P SEQUENTIA	FRESNO-OLIVE A	VENUE SITE. AR	B SITE NAME (#	AUCK: URBANIZI LAND USI LOCATIO	AGCR: (951) SAN JOAQUIN VALLEX URBANIZED ARES: (2640) FRESNO, CA LAND USE: RESIDENTIAL LOCATION SETTING: SUBURBAN	FRESNO, CA L SUBURBAN			UTM ZONE: UTM NORTHING: UTM EASTING: ELEVATION-MSI: DECONT UNITED	11 4074004 252601 1: 0
SUPPORT AGENCY: (0145) California Air Resources Board MONITOR TYPE: SLAMS) California	Air Resources	Board			ימימים מימים מ	2006			DURATION	FINDE RELGILI. DURATION: 24 HOURS	
COLLECTION AND ANALYSIS METHOD: (117) R & P WODEL 2000 PM2.5 SAMFLER W/W REPORTING ORG: (0145) California Air Resources Board	IS METHOD: ((117) R & P MOD! Air Resources B	DEL 2000 PM2.5 S Board	SAMPLER w/W						UNITS: Microgram	UNITS: Micrograms/cubic meter (LC) MIN DETECTABLE: 2	ter (LC)
MONTH VEG	FERRITARY	n Co	TOOK	> 2	THE	> 111	·					
	FEBRUARY	MARCH	AFRID	MAI	CONF	2005	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
								15.0	35.0	36.0	47.0	
w 4₁	22.0				0.5	13.0	16.0					
5 29.0		0 01	3.0	16.0								
		2								35.0	AF	
& C							;	16.0	18.0			
10	55.0				10.0	11.0	12.0					
32.0			4.0	16.0		٠						
13		12.0								28.0	28.0	
14								13.0	17.0			
16	0.51	i					0.6					•
17 34.0	:		3.0	15.0	2) - -						
18		11.0										
.20								13.0	13.0	28.0	51.0	
21		•					12.0					
23 43.0			0,9	7.0	0.61	0.01						
*		14.0										
. 25								16.0	15.0	35.0	58.0	
27							11.0		1			
28 29 28.0	3.0		13.0	5.0	0.6	10.0						
		7.0								37.0	26.0	
NO.: 5	ın	ß	ĸ	ĸ	. ເກ	Ś	S	ιń	ιΩ	9	IS	
MAX: 43.0 MEAN: 33.20	55.0	14.0	13.0	16.0	15.0	16.0	16.0	16.0	35.0	37.0	58.0	
1		ANNITAL MEAN		ANNITAL MAX								

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							AIR QUALITY SYSTEM	Y SYSTEM					;	
							KAW DAIA	KEFORI					Mar. 21, 2007	
z.	(88101) PM2.5 - Local Conditions	ocal Condit.	ions									CAS NUMBER:		
SITE II	SITE ID: 06-019-5001	POC: 1	•				STATE	(Ob) Colifornia	0			LATITUDE:	36.819167	
COUNTY	COUNTY: (019) Fresno						AQCR:	(031) SAN JOAOUIN VALLEY	OUIN VALLEY			TITM ZONE:	-119./16389	
SITE AD	CIII: (14210) CLOVIS STTE ADDRESS: 908 N VIIIA AVE CLOVIS	TO SAME OTO	SINC		٠		URBANIZ.	URBANIZED AREA: (2840) FRESNO, CA	FRESNO, CA			UTM NORTHING:	4078053	
SITE CC	MAMENTS: LOCATED	IN CLOVIS N	SITE COMMENIS: LOCATED IN CLOVIS MAINTENANCE YARD. ARB SITE NAME (#) IS CLOVIS-908 M VIIIA AUF.	ARB SITE NAM	(#) TS CLOVIS	a a.l.TV N 809-	-	NTIAL	_			UTM EASTING:	257704	
MONITOR	MONITOR COMMENTS: ANDERSON SEQUENTIAL	RSON SEQUENT	TIAL					LOCATION SETTING:	URBAN AND CENTER CITY	SR CITY		ELEVATION-MSL:	0 1	
SUPPORT	: AGENCY: (0945)	San Joaquin	SUPPORT AGENCY: (0945) San Joaquin Valley Unified Air Pollution Control Dist	Air Pollution	1 Control Dist							PROBE HEIGHT:	e3	
MONITOR	MONITOR TYPE: SLAMS	. Action of		200			REPORT FOR:	: FOR: 2004			DURATION: 24 HOURS	24 HOURS	į	
REPORTI	COLLECTION AND AMALISTS MELHOUS: (120) AND REPORTING ORG: (1118) Ventura County APCD	entura Cour	COMMENTION AND ANALISTS WELFILD: (120) ANDERSEN KAASZ.3-300 FMZ.3 SEQ W/W REPORTING ORG: (1118) Ventura County APCD	ASZ.3-300 PMZ	.5 SEQ W/W						UNITS: MICFOGRAM MIN DETECTABLE:	UNIIS: Micrograms/cubic meter (LC) MIN DETECTABLE: 2	r (IC)	
	MONTH													
рау	JANUARY FI	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUSI	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
п с	11.6		17.2				:	8.1				;		
ı m		7.5		AF	12.8	0	0			16.2	79.4 X	62.5 X		
4	29.8		28.6	,										
ഗശ		23.6		60					o	6	21.8 X	32.5		
,	27.7	2	18.5	;				10.7	n •	7.91				
80					.*	4.0	7.6				42.4	14.6		
σ.		25.7		17.7	5.1					3.5				
11	5.42		27.0							,	c			
12		23.8							6.1	9.4	7.77	6.87		
13	29.3		AQ					12.9						
14		25.0		8.5	9	7.6	10.0			6	35.2 x	14.5		
16	35.4		28.0) •				
17		8.7							> c	•	41.8	. 56.6		
19	41.9		9.8					12.2 x	•					
20		6		,	c	9.5	5.8			•	40.9 X	28.8		
22	35.8	2	17.8	:	0					15.3				
23	-	8.7							11.1	27.2	30.1	32.9 X		
25	52.4		AQ					5.4						
26		5.5		13.2	11.5	4.4	12.2			ς α	56.0	29.2		
28	16.5	:	11.3	!	0					¢				
29											28.5 X	6.1		
31	21.4		6.01					u C	7.7	28.1				
	, ;	d		٠	ı	·		12.3						
NO.	11	D		S	ب ب	ss .	in !	9	Ŋ	10	10	10		
MEAN:	29.65	15.64	18.58	10.54	12.8 8.82	9.2	12.2 9.90	12.9	11.1 7.96	28.1	56.0 34.53	27.42		
ANNUAL	ANNUAL OBSERVATIONS:	06	ANNUAL MEAN:	18.66	ANNUAL MAX:	62.5								
Note:	Qualifier codes	with regio	Qualifier codes with regional concurrence are shown in upper case, and those without	are shown in	upper case, and	those without								
	regional review	are shown	regional review are shown in lower case.	An asterisk (asterisk ("*") indicates that the region	that the region	ď							
	has reviewed th	e value and	has reviewed the value and does not concur w	with the qualifier.	lifier.									

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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(88101) PM													
	42.5 - LO	(88101) PM2.5 - Local Conditions	ions									CAS NUMBER:	
SITE ID: 06-019-5001	-2001	POC: 1					THE SECOND					LATITUDE:	36.819167
COUNTY: (019) Fresno	resno						AQCR:		(Ub) California (O31) SAN JOAOUIN VALLEY			LONGITUDE:	-119.716389
CITI: (14210) CLOVIS	TOVIS	## E3	O LLIN				URBANI	URBANIZED AREA: (2840) FRESNO, CA) FRESNO, CA			UTM NORTHING:	
SITE COMMENTS:	LOCATED :	IN CLOVES OF	SITE COMMENTS: JOCATED IN CLOURS MAINTENANCE YERD ARE SITE NAME (#) IS CLOUTE-DOG NIVITER AND	AN TITS FOR	313010 ST (#) BM	E WILLIAM SOOT		SE: RESIDENTIAL	AL			UTM EASTING:	
MONITOR COMMENTS: ANDERSON SEQUENTIAL	S: ANDER	SON SEQUEN	TIAL		TAGES CT (2)	WHITE N DOC-	-	LOCATION SETTING:	URBAN AND CENTER CITY	TER CITY		ELEVATION-MSL PROBE HEIGHT:	
SUPPORT AGENCY: (09. MONITOR TYPE: SLAMS	: (0945) : LAMS	San Joaquir	SUPPORT ACENCY: (19945) San Joaquin Valley Unified Air Pollution Control Dist MONITOR TYPE: SLAMS	Air Pollutic	n Control Dist		REPOR	REPORT FOR . 2005			DURATION	DURATION: 24 HOURS	
COLLECTION AND ANALYSIS METHOD: (120) ANDERSEN	ANALYSIS	METHOD: (.		RAAS2.5-300 PM2.5 SEQ w/W	3.5 SEQ W/W						UNITS: M	UNITS: Micrograms/cubic meter (LC)	er (IC)
REPORTING ORG: (1118) Ventura County APCD	(1118) W	entura Cour		٠							MIN DETECTABLE:	TABLE: 2	
MONTH													
Day JANUARY		FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1 7.2									12.2	10.1			
2			0.6					7.2					
		27.5				9.6	11.9			÷	4.8	8.1 X	
4 12.7	_				6.9					4.8	•		
n ve		,	13.5	0									
7 4.4		C: 1.		0.0						0	24.1	56.9 X	
80			15.8					0.6		¥ 6:01			
6		23.6				4.7	5.3	•			17.6	63.0	
10 AF				8.9	3.9					AG		:	
11 5.7			12.1										
77		79.5								•	24.2 X	P 77.0	
1.72 27.1								;	8.7	16.3			
15		26.5	6.71			7.8	18.1	11.1			α σ	6 17	
16 37.8				13.6	5.7	!	!			× 4.6	0.0	7.	
1.7			20.6										
		8.2									37.4 X	4.5	
19 22.2									10.0	12.5			
20			3.0		.*			9.6					
21 25 7		3.2				7.6	12.6			;	37.6 X	15.6	
			بر بر		0.7					27.1			
24		21.0									2 67 1	2 46	
25 32.1									4.6	. 4.		0.12	
			13.6					11.7		ή			
27		20.5				7.3	14.2				19.2 X	12.2	
28 6.7				4.6	9.9					14.9			
29			5.3										
											27.1	25.1	
31 19.3										18.8			
NO.: 1	11	6	10	ĸ	S	ស	ιΩ	S	vo	10	. 10	10	
MAX: 37.8		41.3	20.6	13.6	9.3	9.6	18.1	11.7	12.2	27.1	67.1	77.0	
MEAN: 18.26		22.00	11.43	8.74	6.50	7.40	12.42	9.72	10.20	13.84	30.89	33.72	
ANNUAL OBSERVATIONS:	TIONS:	06	ANNUAL. MEAN:	17.47	ANNUAL MAX:	77.0	2 1	Values marked w	2 Values marked with 'P' exceed the PRIMARY STANDARD of: 65	the PRIMARY ST	ANDARD of: 65		

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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age

SITE ID: 06-019-5001 POC: 1 COUNTY: (019) Fresno CITY: (14218) CLIOVIS SITE ADDRESS: 908 N VILLA AVE, CLOVIS SITE COMMENTS: LOCATED IN CLOVIS MAINTENANCE YARD. ARB SITE NAME (#) IS CLOVIS-908 N VILLA AVE. MONITOR COMMENTS: AND SEQUENTIAL SUPPORT ACENCY: (0945) San Joaquin Valley Unified Air Pollution Control Dist											COO NOTIFIED	
1D: 06-019-500. TY: (019) Fresn. TY: (14218) Clovis: ADDRESS: 908 N COMMENTS: LOCA TOR COMMENTS: A ORT AGENCY: (09											LATITUDE:	36 819167
: (14218) Cloviss ADDRESS: 908 N COMMENTS: LOCA TOR COMMENTS: A ORT AGENCY: (09						STATE:	(06) California	ė.i			LONGITUDE:	-119.716389
ADDRESS: 908 N COMMENTS: LOCA TOR COMMENTS: A ORT AGENCY: (09	, m					AQCR:	(031) SAN JOAQUIN VALLEY	QUIN VALLEY			UIM ZONE:	
COMMENTS: LOCA TOR COMMENTS: A . ORT AGENCY: (09	I VILLA AVE, C.	LOVIS	;		-		URBANIZED AREA: (2840) FRESNO, CA LAND USE: RESIDENTIAL	FRESNO, CA	•		UIM NORTHING:	4078053
ORT AGENCY: (09	ANDERSON SEQUE	MAINIENANCE YAHD. NTIAL	ARB SITE NA	AME (#) IS CLOVIS	-908 N VILLA AV	-	ETTING:	URBAN AND CENTER CITY	SR CITY		ELEVATION-MSL:	
	45) San Joaqui	SUPPORT AGENCY: (0945) San Joaquin Valley Unified Air Pollution Control Dist	Air Pollutio	'n Control Dist								
MONITOR TYPE: SLAMS						REPORT FOR:	FOR: 2006			DURATION: 24 HOURS	24 HOURS	
COLLECTION AND ANALYSIS METHOD: (120) AND REPORTING ORG: (1118) Ventura County APCD	XSIS METHOD: 8) Ventura Cou	COLLECTION AND ANALYSIS METHOD: (120) ANDERSEN RAAS2.5-300 PM2.5 SEQ w/W REPORTING ORG: (1118) Ventura County APCD	AS2.5-300 PM	2.5 SEQ w/W						UNITS: Microgram	UNITS: Micrograms/cubic meter (LC)	cer (DC)
MONTH												
Day JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	מתר	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
	33.3									30.9	33.0	
2.9		c u					;	14.3	34.9			-
	18.2	· ·				13.1	7.97		٠			
20.3			4.6	13.9					10.0			
		9.4	•									
	19.9									AQ	60.5	
17.6		c c					:	14.6	15.0			
	41.8	2.0				7 2	14.8			3		
. 28.7			3.0	14.8	2	2.			11.8	۷ ۵:02	ΑV	
		10.5										
	Р 65.8									26.1	18.8	
13.3								13.3 X	15.0			
	13.8				1, 6,1		9.6			9	, ,	
27.9			3.1	16.1					, 4.0	7.07	8.07	
		10.2										
	8.3									28.6	34.6	
20 23.4		,						12.0	12,4			
	6	6.1					13.7				:	
37.2	2		9-9	7.2	0.7	An			13.0	39.6	8.45	
		8.7										
	22.6									31.5 X	22.0	
22.6								12.3	14.2 X			
		10.4					9.4	•				
ć	2.8		;	,	10.2	11.3				6.4	13.2	
21.8			13.2	5.0					20.7 X			
		7.0										
NO.: 10	10	10	ĸ	ហ	ur.	4	. ແ	Ľ	.,5	đ	5:10	
37.2	65.8	10.5	3 2 21	, 1, 41	17.0		,	,	7	n	07	
	24.95	8.61	6.10	11.40	10.92	12.93	12.74	13.30	2.4.5 2.4.5	39.6	33.65	
							lues marked wit	1 Values marked with 'P' exceed the PRIMARY STANDARD of: 65	he PRIMARY ST	NDARD of: 65)	
ON OBSERVATION	98	ANNOAL MEAN:	18.17	ANNUAL MAX:	85.8	677 1	ting marked wit	1 Values marked with 18' averaged the CDCOMPADY CTANDARD AS CE	yakamooga ed	TAMBABB S.F. CE		
Note: Qualifier co	odes with regi	Qualifier codes with regional concurrence are shown in upper case, and those without	are shown in	upper case, and	those without	?	ייי אפעידוווו פווייים	בארפריה י	ie seconomia	THINDRAND OF . CO		

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY ALL QUALITY SYSTEM

						UNITED STATE	ES ENVIRONMENTAL PROT AIR OHALITY SYSTEM	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR OHALITY SYSTEM	AGENCY				
							RAW DATA REPORT	REPORT					Mar. 21, 2007
(881	(88101) PM2.5 - Local Conditions	ocal Conditi	ons.									CAS NUMBER:	
SITE ID: (SITE ID: 06-019-5025	POC: 1					STATE:	(06) California	j.			LATITUDE: LONGITUDE:	36.727083 -119.732056
CITY: (270	CITY: (27000) Fresno						AQCR:	AQCR: (031) SAN JOAQUIN VALLEY	QUIN VALLEY			UTM ZONE:	11
SITE ADDRESS: SITE COMMENTS:	SITE ADDRESS: HAMILTON & WINERY, FRESNO, CA SITE COMMENTS:	W & WINERY, 1	FRESNO, CA			•	LAND USE:	E: RESIDENTIAL	indexes of			UIM EASTING:	405/850 256023
MONITOR COMMENTS:	OMMENTS:						LOCATIO	LOCATION SETTING:	URBAN AND CENTER CITY	ER CITY		ELEVATION-MSL: PROBE HEIGHT:	0.11.5
SUPPORT AN	SUPPORT AGENCY: (0945) MONITOR TYPE: SLAMS	San Joaquin	SUPPORT AGENCY: (1945) San Joaquin Valley Unified Air Pollution Control Dist MONITOR TYPE: SLAMS	Air Pollution	Control Dist		. aca Facasa	. EOB. 2004			DURATION	DURATION: 24 HOURS	
COLLECTION REPORTING	COLLECTION AND ANALYSIS METHOD: (120) AND REPORTING ORG: (1118) Ventura County APCD	S METHOD: (: Ventura Coun	COLLECTION AND ANALYSIS METHOD: (120) ANDERSEN RAASZ.5-300 PM2.5 SEQ w/W REPORTING ORG: (1118) Ventura County APCD	AS2.5-300 PM2.	5 SEQ w/W		No.				UNITS: Microgram	UNITS: Micrograms/cubic meter (LC)	r (LC)
Σ	MONTH												
Day J?	×	FEBRUARY	MARCH	APRIL	MAX	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
°	15.2		19.2				,	7.9					
1 m <		10.1		10.5	13.8	n D	/ - 1.1			16.4	30.3	Р 66.1	
a, ru	1.97		797								α	000	
ωı		28.5							10.7	17.7	9		
~ ,60	7.87		24.0			4.0	7.6	11.5			7 07	9 6	
σ.		32.1	,	18.7	5.6	?				4.5	2	77.0	
11	32.0		33.0								21.2	30.5	
12	34.0	25.2	Ç						5.6	11.2			
14	;		×			7.3	9.5	11:1			32.9	14.0	
15	31.8	29.0	32.7	e, 60	9.9					24.9 e			
17 18		6.6							5.0	5.0	35.3	26.0	
19	47.3		9.5			ć	c L	12.4			;		
21 22	, ,	10.8	0	7.8	7.0	9 30	o.c			14.3	33.2	29.7	
23 2 2		ແ							c c	ć	35.0	35.9	
25	49.4	}	AQ					5.1	6.21	8.87			
27	c c	6.7		14.5	10.9	e, e	11.5			9.4	52.1	32.4	
29	0.55		n 0								37.8	7.4	
30	18.0		0.6						7.5	33.2	•		
NO.	11	თ	σ.	scr.	v:	LC.	ť	2	u	9		ç	
	49.4	32.1	33.0	18.7	13.8	9.8		12.4	12.9	33.2	52.1	66.1	
MEAN:	31.04	17.87	19.87	11.36	8.78	6.44	9.42	10.15	8.34	16.54	33.73	. 58.06	
ANNUAL O.	ANNUAL OBSERVATIONS:	06	ANNUAL MEAN:	19.41	ANNUAL MAX:	66.1	> :	I Values marked with 'P' exceed the PRIMARY STANDARD of: 65	th 'P' exceed	the PRIMARY STA	NDARD of: 65		
Note: Qu	alifier code:	s with region	Qualifier codes with regional concurrence are shown in upper case, and those without	are shown in	upper case, and	those without		I VALUES MAINE WILL 'S' EXCEED THE SECUNDARY STANDARD OF: 63	CH .S. exceed	one secondaki s	IANDAKD OF: 65		٠
r eu	regional review are shown in lower case. An asterisk ("*") in has reviewed the value and does not concur with the qualifier.	w are shown he value and	regional review are shown in lower case. ; has reviewed the value and does not concur	An asterisk (asterisk ("*") indicates that the region the the consisting the consisting of the constitution.	hat the region							

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PG.5 - Local 49-5025 P-5025 P-5025 PFESSON FFESSON HAMILTON & NI HTS: TTS: SLAMS SLAMS SLAMS (1118) Ventuu	Conditions										Mar. 21, 2007
PPORT AGENCY: (0945) San JC IITOR TYPE: SLAMS LIECTION AND ANALYSIS METH PORTING ORG: (1118) Ventur:	POC; 1 NERY, FRESNO, CA				STATE: ((AQCR: ((URBANIZED . LAND USE:	STAIE: (06) California AQCR: (031) SAN JOAQUIN VALLEY URBANIZED ARE:: (2840) FRESNO, CA LAND USE: RESIDENTIAL LOCATION SETTING: URBAN AND O	(06) California (031) SAN YOAQUIN VALLEY ARER: (2840) FRESNO, CA RESIDENTIAL SETING: URBAN AND CENTER CITY	TER CITY		CAS NUMBER: MATITUDE: LONGITUDE: UTM ZONE: UTM ROFIFING: ELEVATION-MSL: BOODE WITHER	36.727083 -119.732056 11 4067860 256023
LECTION AND ANALYSIS METHO PORTING ORG: (1118) Venture	foaquin Valley Unified	Air Pollution	Control Dist		a Conso	2005			DURATION	DURATION: 24 HCURS	
	40D: (120) ANDERSEN RJ a County APCD	AAS2.5-300 PM2.	5 SEQ w/W						UNITS: Micrograf	UNITS: Micrograms/cubic meter (LC) MIN DETECTABLE: 2	er (LC)
HONTH											
Day JANUARY FEBRUARY	RY MARCH	APRIL	MAX	JUNE	מסדא	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
7.5	0					;	12.6	12.1			
				7.6	10.8	АН			5.7	9.1	
4 15.7	0 01	5.9	8.2					4.2			
41.3									28.0	57.0	
7 7.5							9.5	12.0			
30.1				AF	5.1	10.1			13.3	0.19	
7.6		9.5	4.0					10.8			
11	45.7										
30.5							8.1	19.9	19.0	P 79.0	
14 15	16.0			13.0		10.4			:		
47.0	•	15.3	5.7	?	6.71			10.2	0.04 0.0	Z.11. Z	
	25.0										
18 7.9							,		44.1	5.3	
	4.0					9.8	1. # ↑	0.			
3.5	·	19.4	7	7.2	АН			ć	43.9	20.4	
	4.6		2					6.55			
24 13.9	6							;	P 74.1	26.8	
	14.5					12.3	0.01	5 . 3 .			
27 21.2	2			7.5	16.0				24.0	17.7	
28 b.3 29	9	2.5	e. 0					14.3			
30									29.7	24.7	
31 25.5								21.2			
11		'n	Ŋ	ıs	4	4	Ľ	11	10	10	
MAX: 47.0 41.3 MEAN 21.54 23.08	45.7	15.3	8.2	13.0	17.3	12.3	14.1	33.9	74.1	79.0	
L OBSERVATIONS:	I MMI		ANNITAL MAX	0 62		alues marked w	3 Values marked with 'P' exceed the PRIMARY STANDARD of: 65	the PRIMARY S	JANDARD of: 65	31.22	
				2		alues marked w	ith 'S' exceed	the SECONDARY	3 Values marked with 'S' exceed the SECONDARY STANDARD of: 65		

Micrograms/cubic meter (LC)

36,727083 -119,732056 11 4067860 256023

CAS NUMBER:
LATITUDE:
LONGITUDE:
UTM ZONE:
UTM NORTHING:
UTM ASATING:
ELEVATION-MSL:
PROBE HEIGHT:

Mar. 21, 2007

Part							UNITED STA	TES ENVIRONMENTAL PROT AIR QUALITY SYSTEM	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR QUALITY SYSTEM	AGENCY			
NEW NITE (06) California AGCH (1840) CALIFORNIA NALEKY CALIFORNIA NALEKY STANDANDO 051 65 5 10 10000								RAW DATA	REPORT				
STATE: (06) California Annual Valley Annual	_	88101) PM2.5 - L	local Conditi	ions									CAS NUM
10 10 10 10 10 10 10 10	SITE I.	D: 06-019-5025	POC: 1					STATE					CATITUD
The color of the	COUNTY	: (019) Fresno						AQCR:		AQUIN VALLEY			NOZ MIU
10.0CATION SETTING: URBAN AND CRATER CITY REPORT FOR: 206	SITE A	DDRESS: HAMILTON	1 & WINERY, 1	FRESNO, CA				URBANI:	ZED AREA: (2840) SE: RESIDENTIA	FRESNO, CA			UTM EAS
DIMATION: 24 H Micrographics	MONITO	OMMENTS: R COMMENTS:						LOCATI	ON SETTING:	URBAN AND CENT	ER CITY		SLEVATI
S.2 16.9 12.2 16.1 13.8 37.5 12.0 16.9 16.1 13.8 17.5 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0	SUPPOR	T AGENCY: (0945)	San Joaquin	n Valley Unified	Air Pollution	n Control Dist						NOTTABLE	. 24 HOITBS
11.7 16.1	COLLEC	R IYPE: SLAMS TION AND ANALYSI.	S METHOD: (120) ANDERSEN RAZ	AS2.5-300 PM2	.5 SEQ W/W		REPOR				UNITS: P	icrograms/cub
NAMENNEM NAM	REPORT	ING ORG: (1118)	Ventura Cour	nty APCD					,			MIN DETE	
10 10 10 10 10 10 10 10													
26.1 26.0 5.0 5.0 15.0 15.0 15.0 15.0 15.0 15.0	Day		FEBRUARY		APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
16.1 10.0	д (36.7								i i	31.8	42.6
26.1	N M	7.7		. 0.3					1 91	13.8	37.5		
26.1	4		20.8				5.2	16.9				18.7	55.0
16.0 16.0 16.0 16.0 16.0 16.1	ம் ¹	26.1			2.7	15.5					12.0		
15.0 16.1	9 1-		27.3	10.6								33	0 22
12.2 12.2	80	16.0								16.1	8.61		
39.1	on.			9.0					12.2				
30.1	10		52.7				7.6	AG				20.0	9.4
12.6 1.0	11	30.1		,	8.9	17.0					12.4		
10.6 16.0	1 11											30.5	19.6
10.4 9.7 18.3 11.7 14.1 9.9 9.0	14	12.6								12.0	16.0		
30.9 16.4 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	15			7.6					6.8				
29.0	16		16.4			,	11.7	14.1			,	35.9	9.6
29.0 1.4 26.2 26.	18	n		9.6	· •	78.7					٥.		
29.0	19		11.4									30.3	36.7
25.5 6.2 14.4 15.1 12.6 40.6 2.1 28.2 14.5 6.5 7.5 14.4 15.1 15.0 40.6 2.1 19.7 11.2 24.7 6.3 15.0 3.5 9.7 AQ 16.1 16.0 10 10 10 10 10 10 10 10 10 10 10 10 10	20	29.0								AQ	13.3		
35.5	21			6.2			:		12.6			•	;
19.7 11.2 16.0 16.7 16.7 19.7 AQ 15.1 16.0 16.7 19.7 AQ 15.1 16.1 16.7 19.7 AQ 15.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1	23	35.5	7.07		5.9	7.5	ր. -	1.61			15.9	40.6	9.12
19.7 2.7 10.2 2.7 2.7 2.7 2.8 2.9 2.0 2.0 2.0 2.0 2.0 2.0 2.0	24			14.5									
19.7 11.2 10.6 16.0 17. AQ 10.5 16.0 13.5 16.0 13.5 16.0 13.5 16.0 13.5 16.0 13.5 16.0 13.5 16.0 13.5 16.0 13.5 16.0 13.5 16.0 13.5 16.0 13.5 16.0 13.5 16.0 13.5 16.0 13.5 16.0 13.5 16.9 16.9 16.9 16.9 16.9 16.9 16.9 16.9	25		28.2									21.6	46.2
24.7	26	19.7		;					;	15.5	16.0		
24.7	7 80			7.11			ŕ	ç	10.6			u	0
6.3 10 10 10 10 10 10 10 10 10 10 10 10 10 1	29	24.7	•		15.0	3.5		į			20.2	:	2
53. 10 10 10 5 5 5 3 3 5 4 10 10 10 10 10 10 10 10 10 10 10 10 10	30			6.3									
10 10 10 10 10 10 10 10 10 10 10 10 10 1	31												53.5
35.5 65.0 14.5 15.0 18.3 14.4 16.9 16.1 16.1 37.5 40.6 22.67 28.74 8.97 6.94 12.36 10.14 15.37 12.08 14.35 16.91 26.91 LOBSERVAITONS: 88 ANNUAL MEAN: 19.86 ANNUAL MAX: 87.0 2 Values marked with 'P' exceed the PAIMARY STANDARD Of: 65 Qualifier codes with regional concurrence are shown in upper case, and those without	NO.:	10	10	. 10	5			m		4	10	10	11
22.67 28.74 8.97 6.94 12.36 .0.14 15.37 12.08 14.35 16.91 26.91 L OBSERVATIONS: 88 ANNUAL MEAN: 19.86 ANNUAL MAX: 87.0 2 Values marked with 'P' exceed the PRIMARY STANDARD Of: 65 Qualifier codes with regional concurrence are shown in upper case, and those without	MAX:		65.0	14.5	15.0	18.3	14.4	16.9	16.1	16.1	37.5	40.6	87.0
L OBSERVATIONS: 88 ANNUAL MEAN: 19,86 ANNUAL MAX: 87.0 Qualifier codes with regional concurrence are shown in upper case, and those without	MEAN:	22.67		8.97	6.94	12.36	10.14		12.08	14.35	16.91	26.91	35.89
Qualifier codes with regional concurrence are shown in upper case, and those without	ANNUA	L OBSERVATIONS:		ANNUAL MEAN:	. 19,86	ANNUAL MAX:	87.0	N 6	Values marked w	ith P exceed	the PRIMARY ST	ANDARD OF: 65	i
	Note:		s with regio	onal concurrence	are shown in	upper case, and	those withon		values marked w	Tru .s. exceed	cne sacondaki	SIANDARD OI: 6	0

Qualifier codes with regional concurrence are shown in upper ca regional review are shown in lower case. An asterisk (***) inc has reviewed the value and does not concur with the qualifier.

(88101) PM2.5 - Local Conditions						TWO STEP DETER MENT	TE CIVI					Mar. 21, 2007
	- Local Condi	tions									CAS NUMBER:	
SITE ID: 06-029-0010	Poc: 1	1									LATITUDE:	35,385556
COUNTY: (029) Kern						STATE: AOCR:	(06) California (031) SAN JOAOUIN VALLEY	ia Nuin Valley			LONGITUDE:	-119.014722
CITY: (03526) Bakersfield SITE ADDRESS: 1128 GOLDEN STATE HIGHWAY, BAKERSFIELD STOR CAMERING. THEORY OF THE WIND WAS THE	field SOLDEN STATE	HIGHWAY, BAKERSE	TELD			URBANIZED LAND USE:	URBANIZED AREA: (0680) BAKERSFIELD, LAND USE: COMMERCIAL		ę5		UIM NORTHING: UIM EASTING:	3917435
MONITOR COMMENTS: ANDERSON SEQUENTIAL	NDERSON SEQUE	D IN OFFICE LIFE NTIAL	IKAIDEK			LOCATION		URBAN AND CENTER CITY	ER CITY		ELEVATION-MSL:	
SUPPORT AGENCY: (0944) San Joaquin County APCD MONITOR TYPE: SLAMS	14) San Joaqu	in County APCD				REPORT FOR:	FOB: 2004			DURATION: 24 HOURS	24 HOURS	
COLLECTION AND ANALYSIS METHOD: (120) ANDERSEN RAAS2.5-300 FW2.5 SEQ w/W REPÖRTING ORG: (1118) Ventura County APCD	(SIS METHOD:	(120) ANDERSEN F unty APCD	3AAS2.5-300 P	42.5 SEQ w/W						UNITS: Microgram MIN DETECTABLE:	UNITS: Micrograms/cubic meter (LC) MIN DETECTABLE: 2	er (LC)
MONTH VAC	Yeshana	HOGRA	TOOK	> 4	TIME	,	TO LOTT OF THE					
		14.2				1	8.3	SECTIONS SEC	OCTOBER	NOVEMBER	DECEMBER	
ov m		•	12.4	16.2	12.1	14.7			ć	28.9	AF	
4 26.5		13.7		1					0.77		P 65.6	
n w	25.1							6.6	20.9	19.4		
7 38.7		39.1			-	ć	14.7		!	;	:	
	24.3		AQ	9.6	D **	8.			10.9	28.2	29.2	
10 35.1 11		AQ								7.5	37.5	
	6.6							8.8	14.2	!	2	
13 27.6 14	ē	AQ	c		11.3	12.2	8.6			34.9	27.3	
16 30.0		25.8	4	1.07					19.0 e			
17	9.0							4.	9.5	46.4	37.4	
19 42.7 20		17.5			10.9	10.0	4.0			æ	[a st	
21	17.7		8.0	5.8					20.2	:	23.0	
		7.17								19.6	54.6 X	
24 . 25 50.9	12.1 X	10.2	•				4.	13.1	32.1			٠
26	ç			r C	7.3	11.5			;	53.9	53.8	
28 26.3	Ž	24.5	n. ∵	17:1					14.1			
29										19.3	7.1	
31 15.3		19.6					13.6	· · ·	8.04			
	8	σ	4	ស	ß	ß	v	ß	10	10	10	
MAX: 50.9	25.1	39.1	15.9	16.2	12.1	14.7	14.7	13.1	40.8	53.9	66.6	
C		ANNITAL MEAN.		ANNITAL MAY.	# 49.00 4 44.00		10.33 28.69 1 Values marked with 'P' exceed the PRIMARY STANDARD of: 65	th 'P' exceed t	20.31 the PRIMARY ST	ANDARD of: 65	34.70	
O CONTRACTOR CONTRACTO	8	THE PART OF THE PA	71.12	www.	2		lues marked wit	th 'S' exceed t	the SECONDARY	1 Values marked with 'S' exceed the SECONDARY STANDARD of: 65		

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Pace	(88101) PM2.5 - Lo SITE ID: 06-029-0010 COUNTY: (029) Kern							80000					
ACTH: (06) CALIFORNIA AND CONTRES CITY A	(30101) FM2.3 - LG ITE ID: 06-029-0010 COUNTY: (029) Rern	17 17 17 17 17 17 17 17 17 17 17 17 17 1					NAW DAIR I	REFORI					Mar. 21, 2007
ANTITUDE: MACKER: (1016) DAMERGETELD, CA. MATITUDE: MAND USES: CORMERCIAL JUNE AND USES: CORMERCIAL JUNE AND USES: CORMERCIAL JULY A JULY AND USES: CORMERCIAL AND USES: CORMERCIAL JULY AND USES: AND USES: CORMERCIAL JULY AND USES	:ITE ID: 06-029-0010 :OUNTY: (029) Kern	ocal condit.	lons									CAS NUMBER:	
ACCE: (1921) SNG COMPANIENT CALL AND CENTER CITY THREE CALL CALL CHARLES AND CENTER CITY THREE CALL CALL CHARLES CONNECTED, CA. THREE CALL CALL CHARLES CONNECTED. CA. THREE CALL CALL CHARLES CONNECTED. CALL CHARLES CALL CHARLES CONNECTED. CALL CHARLES CALL CALL CHARLES CONNECTED. CALL CHARLES CONNECTED. CALL CHARLES CONNECTED. CALL CHARLES CONNECTED. CALL CHARLES CONNEC	OUNTY: (029) Kern	POC: 1					ST875					LATITUDE:	35,385556
APPLIANCE USES MARIN (1080) MARKHER PELLO, CA UNIX NOTIZED (1871) MARKHER PERLO, CA UNIX NOTIZED (1871) MARK							400	(סס) כשודוסדו				TONGT TONE:	-119.014
AND USES COMPOSED DELIANCE LIGHT AND USES COMPOSED DELIANCE SELECTION OF SELECTION	IIY: (03526) Bakersfie.	14					MUCK	SOL NAS (100)	QUIN VALLEY	ć		UIM ZONE:	11
APT 12.9 J 14.6	TITE ADDRESS: 1128 GOLI	DEN STATE H.	IGHWAY, BAKERSFI	ELD			LAND USE	S: COMMERCIAL	DUNGEN SE TEND	ď		OIM EASTING:	317002
JUNE JULY AUGUST SEPTEMBER OCTOBER NOVE 10.4 j 10.5 j 11.1 j 8.1 AR 14.4 AF 7.7 j 10.6 j AR 14.4 11.9 j 19.6 j 11.8 11.8 12.2 22.6 11.9 j 14.9 j 12.6 55.7 P 6 11.9 j 14.6 j 12.6 55.7 P 7 11.5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ONITOR COMMENTS: INSINUE	RSON SEQUENT	IN OFFICE TYPE	rkaller			LOCATION	N SETTING:		TER CITY		ELEVATION-MSI.	
JUNE JULY AUGUST SERTEKBER OCTOBER NOVE 10.4 j 10.5 j 11.1 j 15.0 17.6 11.1 j 18.3 3 12.2 22.6 12.9 j 19.6 j 19.6 j 11.8 12.2 22.6 11.3 12.2 22.6 11.5 j 14.9 j 19.6 j 10.1 9.3 P 7 11.5 j 14.6 j 11.6 j 11.5 S5.7 P 6 33.6 22 33.6 33.6 4 Values marked with Priceded the PRIMARY STANDARD ANY. 83.6 P 6 4 Values marked with Priceded the PRIMARY STANDARD ANY. 83.6	UPPORT AGENCY: (0944)	San Joaquir	1 County APCD								NOTTEGIN	PROBE HEIGHT:	6
APRIL MAY JUNE JULY AGGUST SERTENGER OCTOGER NOVENGER DECEMBER: 1.1.1 1 15.0 17.6 8.1 19.5 19.5 11.1.1 1 15.0 17.6 8.1 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19	COLLICK LIFE: SLAMS COLLECTION AND ANALYSIS FEDORITYS ORG. (1118) V	S METHOD: (120) ANDERSEN RA	AS2.5-300 PM	2.5 SEQ w/W		REPORT				UNITS: M	icrograms/cubic met	er (IC)
15.9 15.0	MONTH		}								ALE DEL		
15.9 14.6 14.6 14.6 14.6 14.6 14.6 14.6 14.7 14.6 14.7 14.6 14.7 14.6 14.7 14.6 16.6	JANUARY	EBRUARY		APRIL	MAY	JUNE	נסני	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
14.8 30.1 14.4 11.9 10.4 J 10.5 J 11.1 J 8.7 11.1 J 10.5 J 11.1 J 10.5 J 11.1 J 8.7 11.1 J 10.5 J 10.5 J 11.1 J 10.5 J 10									15.0	17.6			
14.8	3 5	1 08	14.4					11.1.5			1	:	
7.7 4.1.2				7.1	11.9	T # - O.T	10.0			8.1		19.5	
7.7 54.4 10.7 41.2 10.8 41.2 10.8 41.2 10.8 40.7 10.8 40.7 10.8 40.7 10.8 40.7 10.8 40.7 10.8 40.7 10.8 40.7 10.8 40.7 10.8 40.7 10.8 40.7 10.8 40.7 10.8 40.7 10.8 40.8 40.8 10.8 40.8 40.8 10.8 40.8 40.8 10.8 40.8 40.8 10.8 40.8 40.8 10.8 40.8 40.8 10.8 40.8 40.8 10.8 40.8 40.8 10.8 40.8 40.8 10.8 40.8 40.8 40.8 10.8 40.8 40.8 40.8 10.8 40.8 40.8 40.8 40.8 10.8 40.8 40.8 40.8 40.8 40.8 10.8 40.8 40.8 40.8 40.8 40.8 10.8 40.8 40.8 40.8 40.8 40.8 40.8 10.8 40.8 40.8 40.8 40.8 40.8 40.8 40.8 4	5		19.0										
10.3 41.2 33.7 AR 11.4 10.6 j AR 11.5 j 10.6 j AR 11.5 j 10.6 j AR 11.6 j 10.4 j		54.4									22.2	52.8	
10.3 41.2			33.7					. 9 01	AR	14.4			
10.3	. 6	41.2	3			AF	7.7	, D. D.			14.5		
29.9 49.7 50.8 37.0 P 74.9 1 19.6 1 11.8 10.4 16.0 P 74.9				7.2	5.8					18.3			
29.9 49.7 21.1 17.9 j 19.6 j 11.8 10.4 16.0 37.0 P 74.9 16.9 23.7 11.8 10.4 16.0 37.0 P 74.9 16.9 23.7 11.8 16.9 16.0 37.0 P 74.9 16.9 23.7 11.8 16.9 17.9 P 74.9 P	11		50.8										
25.7 21.1 17.9 j 11.9 j 11.8 10.4 16.0 AR 2.0 j 2.3 j 19.6 j 11.8 10.4 16.0 AR 36.9 AF 2.1.0 AF 2.2 j 2.3 j 19.6 j 11.8 10.4 16.0 AR 36.9 AF 2.2 j 2.4 AF 2.2 j 2.5 j 2.		49.7								:	37.0		
26.4 8.5 AF 9.9 J 19.6			21.1			17.9		11.8	10.4	16.0			
36.9 21.0 21.0 21.0 22.4 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.6 24.7 24.7 24.8		23.7				j. 6.6	19.6 j				41.0	AR	
26.4 8.5 21.0 8.7 15.9 16.9 16.9 17.2 2.6 41.4 15.9 15.9 24.5 17.9 17.9 17.9 17.9 17.9 17.9 17.9 17.9				23.5	AF					9.2			
26.4 5.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	17	ur a	21.0		c						:		
24.5 24.5 24.6 24.6 25.6 4.4 4.4 18.5 13.9 12.9 j 14.9 j 11.3 12.6 10.1 25.6 27.9 27.9 27.9 27.9 27.9 28.8 j 14.6 j 12.6 10.1 28.4 28.8 j 14.6 j 12.6 10.1 28.8 j 14.6 j 12.6 10.1 28.8 j 14.6 j 12.6 10.1 28.8 j 14.6 j 12.6 28.8 j 17.9 28.8 j 18.8 j 17.9 28.8 j 18.8 j 18.		2			œ.				12.5	23	41.4	15.9	
24.5 20.0 4.4 4.4 18.5 13.9 12.9 j 14.9 j 14.9 j 19.9 20.0 35.0 10.1 20.0 10.2 20.0 10.1 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.2 20.0 10.1 10.1 10.2 20.0 10.1 10.1 20.0 10.1 10.1 20.0 10.1 10.1 20.0 10.1 10.1 20.0 10.1 10.1 20.0 10.1 10.1 20.0 10.1 10.1 20.0 10.1 10.1 20.0 10.1 10.1 20.0 10.1 10.1 20.0 10.1 10.1 20.0 10.1 10.1 20.0 10.1 10.1 20.0 20.0			5.2					11.3	4 4	0.77			
35.0 35.0 18.2 22.8 8.8 j 14.6 j 10.1 9.3 11.5 28.4 12.8 13.6 13.6 13.7 13.6 13.7 13.6 13.7 13.6 13.7 13.6 13.7 13.6 13.7 13.6 13.7 13.6 13.7 13.6 13.6 13.7 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.9 1		2.4		0		12.9 j	14.9 j					22.5	
20.0 18.0 18.2 8.8 j 14.6 j 12.6 10.1 9.3 p 77.9 20.7 10.5 8.8 j 14.6 j 12.6 10.1 9.3 p 77.9 20.7 10.5 28.4 10.5 10.5 10.6 p 77.9 p 77.9 p 12.7 10.6 p 12.6 p			4.4	2	6.61					99.1			
35.0 18.2 22.8 8.8 j 14.6 j 12.6 10.1 9.3 11.5 12.7 4.3 10.5 13.6 13.7 13.6 13.7 13.6 13.7 13.6 13.6 13.7 13.6 13		20.0			.*							20.7	
22.8 18.2 18.2 18.8 j 14.6 j 12.6 18.8 j 14.6 j 12.6 18.7 18.0 12.7 18.0 12.7 18.8 j 14.6 j 14.6 j 12.6 18.6 18.6 18.6 18.6 18.6 18.6 18.6 18			•						10.1	6.6			
8.2 7.5 4.3 10.5 11.5 11.5 11.5 11.5 12.7 22.7 28.4 28.4 11 10 5 5 5 5 5 5 5 5 5 7 77.9 83.6 21.64 28.09 19.53 12.12 10.16 11.98 13.6 11.98 13.6 11.99 13.6 11.99 13.6 13.0 19.85 35.03 36.14 11.91 10 10.16 11.98 13.6 11.99 13.6 11.99 13.6 11.99 13.6 11.99 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6	27	22.8	7.81			α α	7 4 7	12.6			9		
28.4 28.4 11 9 10 5 5 5 5 4 11 10 33.6 24.5 22.7 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9				4.3	10.5	7	· ·			11.5	0.01	777	
28.4 28.04 10 5 5 5 5 4 11 10 10 83.6 22.7 22.7 22.7 22.64 28.09 19.53 12.12 10.16 11.98 13.46 11.48 11.93 19.85 35.03 36.14 20.85 28.09 ANNUAL MAX: 83.6 4 4 11.93 19.85 35.7 77.9 83.6 4 11.93 19.85 35.03 36.14 20.85 21.61 ANNUAL MAX: 83.6 4 4 11.93 19.85 35.03 36.14 20.85 21.61 ANNUAL MAX: 83.6 4 4 10.85 21.65 21.61 ANNUAL MAX: 83.6 4 4 10.85 21.61 ANNUAL MAX: 83.6 4 10.85 21.6	59		7.5										
11 9 10 5 5 5 4 4 11 10 10 2 3.5.6 5 5 4 4 11 10 10 2 3.5.9 13.9 17.9 19.6 12.6 15.0 55.7 77.9 83.6 21.64 28.09 19.53 12.12 10.16 11.98 13.46 11.93 19.85 35.03 36.14 11.99 ANNUAL MEAN: 83.6 4 Values marked with PP: exceed the PRIMARY STANDARD OF 65											24.5	22.7	
36.9 54.4 50.8 23.5 13.9 17.9 19.6 12.6 15.0 55.7 77.9 83.6 21.64 28.09 19.53 12.12 10.16 11.99 13.46 11.83 19.83 35.14 36.14 28.09 ANNUAL WEAN: 83.6 4 Values marked with 'P' exceed the PRIMARY STRANDARD of: 65		ć			ı	. '				9.00			
20.5 34.4 50.6 25.5 13.9 17.9 19.6 12.6 15.0 55.7 77.9 21.64 28.09 19.53 12.12 10.16 11.98 13.46 11.48 11.98 13.59 35.03 15.00 28.09 ANNUAL MEAN: 21.61 ANNUAL MEAN: 83.6 4 Values marked with 'P' exceed the PRIMARY STANDARD Off: 65	20		07						4	11	10		
L OBSERVATIONS: 89 ANNUAL MEAN: 21.61 ANNUAL MEX: 83.6 4 Values marked with PP exceed the PRIMARY STANDARD Of 65		28.09	19.53	12.12	13.9	17.9	19.6	12.6	15.0	55.7	77.9	83.6	
89 ANNUAL MEAN: 21.61 ANNUAL MAX: 83.6	THE COURT TOWN.			3 3	2	06:11		lues marked wi	th 'P' exceed	ty.85	35.03 TANDARD of: 65	36.⊥4	
The second secon	ANNUAL OBSERVATIONS:	o. 80	ANNUAL MEAN:	21.61	ANNUAL MAX:	83.6			300000	7 1111111111111111111111111111111111111	60 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -		

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(88101) PWZ.5 - Local Conditions SITE ID: 06-029-0010 COUNTY: (029) Keen CITX: (03526) Bakersfield SITE ADDRESS: 1128 GOLDEN STATE HIGHWAY, BAKERSF SITE COMMENTS: INSIRUMENTS HOUSED IN OFFICE TYPE MONLIOR COMMENTS: ANDERSON SEQUENTIAL	ocal Condit	tions				RAW DATA REPORT	REPORT					Mar. 21, 2007
(88101) PM2.5 - L. SITE ID: 06-029-0010 COUNTY: (0325) Bakern CITY: (0325) Bakers SITE ADDRESS: 1128 GOEL SITE COMMENTS: INSTRUM MONITOR COMMENTS: ANDE	ocal Condit	tions										
SITE ID: 06-029-0010 COUNTY: (029) Kern CITY: (03526) Bakersfie SITE ADDRESS: 1128 GOL SITE COMMENTS: INSTRUM MONITOR COMMENTS: ANDE											CAS NUMBER:	
COUNTY: (029) Kern CITY: (03526) Bakersfie SITE ADDRESS: 1128 GOL SITE COMMENTS: INSTRUM MONITOR COMMENTS: ANDE	POC: 1					STATE:	(06) California	q.			LATITUDE:	35.385556
CILITY ODER OF BRIDGE STREET S	3					AQCR:		QUIN VALLEY			UTM ZONE:	11
SITE COMMENTS: INSTRUMM MONITOR COMMENTS: ANDE	DEN STATE F	HIGHWAY, BAKERSFI	IELD			URBANI	URBANIZED AREA: (0680) BAKERSFIELD, CA	BAKERSFIELD,	C.A.		UTM NORTHING:	
	ENTS HOUSEI		TRAILER			LOCATION S	LOCATION SETTING:	URBAN AND CENTER CITY	TER CITY		UTM EASTING: ELEVATION-MSL:	
SUPPORT AGENCY: (0944) San Joaquin County APCD	San Joaqui	n County APCD									PROBE HEIGHT:	5.7
MONITOR TYPE: SLAMS		•				REPOR	REPORT FOR: 2006			DURATION	DURATION: 24 HOURS	
COLLECTION AND ANALYSIS METHOD: (120) ANDERSEN RAAS2.5-300 PM2.5 SEQ w/W REPORTING ORG: (1118) Ventura County APCD	S METHOD: Ventura Cou	(120) ANDERSEN RA	4AS2.5-300 PM	2.5 SEQ w/W			-			UNITS: Microgram	UNITS: Micrograms/cubic meter (LC)	cer (LC)
MONTH												
Day JANUARY F	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
	18.1									41.0	1.2	
6°E		r.						12.3	39.2 e			
-	34.7	1			9.5	17.3	0.55			16.0	AF	
5 29.5			4.4	16.1					16.6			
	41.7	12.2		*						i i		
8 26.6								16.4 6	26.1	0.66	Р /6.4 а	
. 6		10.7				·	17.0		1			
	6.09		. •		10.7	15.4				13.2	AF	
12 33.3		r.	0.6	20.2					12.1			
13	AF	;								20.1	33.6	
14 5.5	58.7							17.0	14.4	!	29.8	
15		7.8 j		-			11.2					
. 16	12.6				11.9	17.4				43.1	7.5	
18 25.9			0.0	21.5					8.4			
19	6.2									64.4	23.0	
20 26.1								11.3	20.8			
21	,	5.8					15.0					
23 35.8			4.2	€:6					13.9	6.36	c:./2	
24 25	Į.	AF 17.3		١.						ć		
AF	19.1	•						14.0 e	12.6	21.0	P /5.2	
27 12.0		17.1					AQ					
28	9.1		0 7-	0	12.1	10.0			;	8.2	10.6	,
		5.4	6.71	0					Ar			•
31		•							27.6		37.8	
	10	10	ß	rS	ιΩ	S	4	ن	10	10	11	
MAX: 35.8	60.9	17.3	17.9	21.5	16.7	17.4	17.0	17.0	39.2	64.4	76.4	
MEAN: 21.75	78.23	9.32	8.10	15.14	12.12	14.72	14.55	14.20	19.17	33.45	32.25	
ANNUAL OBSERVATIONS:	06	ANNUAL MEAN:	20.60	ANNUAL MAX:	76.4	N	2 Values marked with 'P' exceed the PKIMARY STANDARD of: 65	ntn 'r' exceed	the PRIMARY ST	2 Values marked With 'F' exceed the FRIMARY STANDARD of: 65		

(8)	(88101) FM2.5 - Local Conditions	ocal Conditi	ons									CAS NUMBER:	
SITE ID	SITE ID: 06-029-0014	POC: 1					STATE:	(06) California	iia			LATITUDE: LONGITUDE:	35.356111
CITY: (0	CITY: (03526) Bakersfield	1d					AQCR:	AQCR: (031) SAN JOAQUIN VALLEY	QUIN VALLEY	6		UIM ZONE:	
SITE ADDRESS: SITE COMMENTS:	SITE ADDRESS: 5558 CALIFORNIA AVE, BAKERSFIELI SITE COMMENIS:	IFORNIA AVE,	BAKERSFIELD				LAND USE:	E: MOBILE	DANERSE LEDD,	5		UIM EASTING:	3914247
CONITOR	COMMENTS: ANDER	RSON SEQUENT	MONITOR COMMENTS: ANDERSON SEQUENTIAL - MAIN SAMPLER	ER			LOCATIO	LOCATION SETTING:	URBAN AND CENTER CITY	TER CITY		ELEVATION-MSL: PROBE HEIGHT:	7.3
SUPPORT	SUPPORT AGENCY: (0145) HONITOR TYPE: SLAMS	California	SUPPORT AGENCY: (0145) California Air Resources Board MONITOR TYPE: SLAMS	ard			- aca Hacasa	FOB. 2004			DURATION	DURATION: 24 HOURS	
OLLECT	COLLECTION AND ANALYSIS METHOD: MULTIPLE METHODS	METHOD: MU	LIIPLE METHODS				NEFONI				UNITS: M	UNITS: Micrograms/cubic meter (LC)	cer (LC)
EPORTI	REPORTING ORG: (1118) Ventura County APCD	Pentura Coun	ty APCD								MIN DETECTABLE:	TABLE: 2	
į	MONTH	ou will dead	io de M		,		į						
r r		r EBRUARI	MARCH	APKIL	MAX	CONE	JOLY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
- 2	8.1	10.9	0.11 6.0	0.7	AF 17.2	12.1	11.2	10 10 10 10 10 10 10 10 10 10 10 10 10 1	15.3 j	AN	26.4		
m	14.0	5.2 X	13.4	NO.	18.6	AG	15.8	n E	15.9	er er	21.1	F 50.0	
4	28.8	15.2	10.0	AN	AN	9.7	63.1	BE	AF	AN	7.8		
2	32.6	23.1	15.8	AN	9.4	9.5	15.5	BE	12.5 j	20.7 j	18.0	19.1	
9 1	7.8	23.8	25.5	17.7	8.6	9.1	11.0	BE	12.7 j	21.7 j	32.6	30.3	
٠,	AN	AF	34.2	13.4	11.3	6.2	10.4	BE	16.1 j	20.4 j	21.8	19.8	
» σ	ç	AF	34.6	17.3	10.5	. o. u	. 6.9	BE	18.9	22.0 j	33.7	22.5	
10		AF.	32.2	13.6	0 0	0.0	10.2	, 20 0	16.2]	9.7. U 0.5.	29.5	17.3	
11		20.3	20.0	8.2	8.5	10.6	14.8	1 H	15.5 1	10.8	8.02	33.0	
12	30.2	10.3	AN	7.9	10.4	10.1	13.5	BE	10.7 j	14.7 1	25.2	27.2	
13	23.4	4.4	26.6	AN	13.0	12.5	10.6	BE	10.2 j	AN	24.2	22.1	
14	30.4	10.3	18.7	AN	15.6	AJ	20.3	BE	13.6 j	20.5.j	34.2	26.3	
15	AN 22 0	20.3	23.5	7.5	10.7	14.2	12.1	36	19.3 j	19.7 j	39.6	33.5	
17		. Ne	0.42	N S	7.0.0	AN AN	11.3		18.2 j	14.3 j	44.9	AF	
18		AN	ar Ar	AN AN	. v.	11.6	10.8		7.3 1	A A	4.0.4	30 6	
19		AN	20.1	AN	AQ	12.6	6.8		5.9 j	AV		28.2	
20		AN	18.3	6.4	8.4	10.4	6.6		j 6.3	AF	30.0	29.1	
21	35.5	19.0	21.2	9.0	4.6	10.6	10.9	10.8 j	9.2 j	AF	11.5	23.4	
23	36.7	14.7	AF. 7.9	2. 8.	8.5	15.4	10.7	AN A	10.73	AF PH	11.3	41.9	,
24	48.1	8.6	8.4	10.9	7.8	e. 6	11.8	7.1 1	16.7 寸	AF.	42.9	50.4	
25	51.0	5.9	9.4	13.8	11.1	8.8	11.4	7.5 j	20.7 j	AV	50.5	61.5	
26	30.5	3.3	0.9	14.2	13.0	8.2	12.6	7.4 j	17.2 j	AV .	52.5	58.4	
27.	25.9	4.4	AN	16.6	13.5	8.6	BE	11.3 j	18.9 j	11.0	30.1	12.7	
87 6	24.1	11.0	AN	15.5	ຫ. ທີ່ໄ	13.9	BE	14.7 j	13.0 j	AV	11.2	4.4	
30	33.8		N A	10.5	0.0	10.2	3 6	11.6 5	12.7 j	AV	18.2	7.5	
31	17.0		15.2		13.5		38	16.3 j		42.5		5.7	
NO.:	27	20	23	21	27 ·	26	26	80	53	14	29	30	
MAX:	51.0	23.8	34.6	18.0	18.6	15.4	63.1	16.3	20.7	42.5	67.4	70.0	
MEAN:	31.78	12.86	19.02	11.60	10.49	10.27	13.91	10.84	13.77	19.79	29.76	33.73	
ANNUAL	ANNUAL OBSERVATIONS:	280	ANNUAL MEAN:	19.09	ANNUAL MAX:	70.0	4 Ve	alues marked wi	th 'P' exceed	4 Values marked with 'P' exceed the PRIMARY STANDARD of: 65	ANDARD of: 65		

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								AIR QUALITY SYSTEM RAW DATA REPORT	Y SYSTEM REPORT	AIR QUALITY SYSTEM RAW DAIA REPORT				Mar. 21, 2007
According to the parameter According to t	2	88101) PMZ.5 - L	ocal Condit	ions									CAS NUMBER:	
Automotion Aut	SITE II	0: 06-029-0014	POC: 1					STATE:	(06) Califor	nia .			LATITUDE: LONGITUDE:	35.356111
Part	CITY: (03526) Bakersfie	ld TFOHNTA AVE	A REPORT OF THE PROPERTY OF TH				AQCR: URBANIZ	(031) SAN JO ED AREA: (0680)	AQUIN VALLEY) BAKERSFIELD,	cs		UTM ZONE: UTM NORTHING:	11 3914247
THEFORT FOR: 2005 JULY ANGUET SEPTEMBER OCTOBER NOOVE 14.8 18.3 11.5 AN 17.0 3 9.6 11.3 9.9 AN 6.9 1 11.9 AJ 11.5 AN 11.6 1 9.7 11.3 9.9 AN 6.9 1 11.9 AJ 11.5 AN 11.6 1 11.0 10.0 AN 11.6 1 11.0 10.0 AN 11.6 1 11.0 10.1 1 11.0	SITE CC MONITOR	OMMENTS: ANDER	RSON SEQUEN	TIAL - MAIN SAMP	LER			LAND US	E: MOBILE N SETTING:	URBAN AND CEN	ER CITY		UTM EASTING: ELEVATION-MSL	
NOTE	SUPPORT	AGENCY: (0145)	California	Air Resources Bo	ard								PROBE HEIGHT:	
14.8 18.3 11.5 AN AN AN AN AN AN AN A	MONITOR	TYPE: SLAMS	, contant	100 t	9 000	i i i i i i i i i i i i i i i i i i i		REPORT				DURATION	1: 24 HOURS	()
Name	REPORTI	.NG ORG: (1118)	y mentura Cou	iio) n « r model nty APCD	C.7M3 C707	SEQUENTIAL						MIN DETE	CTABLE: 2	er (nc)
March Marc														
No.	Бау		EBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1.5.5 3.1.5 1.5.1 1.5.	, 1	16.1	42.5	13.5	7.4	0.6	14.8	18.3	11.5	AN	17.0	39.5	AN	
15.5 38.6 8.0 6.6 10.1 11.9 A3 A3 A3 A4 A4 A4 A4 A4	v m	7.1	31.1	11.3	11.5	10.4	9.6	12.0	9.9	AN AN	AN AN	22.9	7.9	
14,	4	15.9	38.8	8.0	9.9	10.1	11.9	AJ		AN	6.9	12.5	25.4	
Name	S.	14.7	46.0	14.7	12.8	5.9	0.6	31:0.	16.8	AN	11.6	13.4	46.7.	
Name	9 1	28.0	50.5	16.2	12.2	£.4	4.6	13.1	14.7	AN		20.0	54.1	
M. 38.7 50.1 1.2 4.3 11.7 1.4 11.8	- 00	AN	¥ ¥	34.9	1 4	- 6	. 6.	9.1	10.6	AN AN	15.2	17.5	AN a	
M	6	AN .	38.7	50.1	7.2	4.3	12.7	7.4	11.8	7.9	12.5	13.0	AQ	
Mail	10	AN	50.2	54.7	6.9	5.2	7.6	9.6	11.5	6.5	12.6	14.7	AQ	
National Part National Par	11 :	AN	46.3	50.8	12.8	8.5	7.4	12.9	10.8	9.3	12.6	21.2	AQ	
Name	13	32.4	25.1	19.5	12.9	11.1	10.2	19.8	11.6	9.5	13.5	31.1	AQ.	
Mo	14	AN	15.7	19.9	AR.	15.8		16.9	11.6	11.3	11.6	9 32	*	
AJ AG 12.0 AR 7.7 10.0 17.0 11.9 8.8 28.9 6.1 6.1 6.8 6.8 6.8 6.9 6.9 8.0 11.0 11.0 6.6 6.0 6.9 8.0 18.1 12.4 7.3 6.6 41.3 6.1 6.0 6.0 6.0 6.0 10.7 11.2 7.3 6.0 41.3 11.3 11.3 11.4 7.3 6.0 41.3 11.3 11.3 11.3 11.4 7.3 6.0 41.3 11.3 11.3 11.4 7.3 6.0 41.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.4 11.3 11.4 11.4 11.3 11.4 11.4 11.4 11.4 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3	15	AQ	24.2	9.2	AR	10.6	11.6	19.2	12.8	13.6	4.6	39.7		
AN 27.0 19.9 AR 6.9 8.8 AL 13.6 6.8 9.8 41.3 63. AN AN 6.2 6.6 6.3 9.9 17.5 17.6 6.8 9.8 18.1 13.4 13.5 6.8 9.8 41.3 63. AN AN 6.2 6.6 7.2 9.9 17.5 17.9 13.8 18.1 13.4 AN 33.9 AN 18.1 18.1 13.4 AN 33.9 AN 18.1 18.1 13.4 AN 33.9 AN 18.2	16	P.	AG	12.0	AR	7.7	10.0	17.0	14.4	11.9	8.8	28.9	63.2	
27.5 2.4 6.2 6.0 6.6 10.7 14.8 5.8 11.9 10.0 5.1 11.4 AN 3.3.9 AN 18. AN 4.8 AN 5.5 11.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.	7 7 .	AN	7.7	17.6	AR 6.3	o c	w c	AL 18.1	13.6	9 . 6		41.3	63.6	
AN AN AN S.	19	27.5	2.4	6.2	0.9	9.9	10.7	14.8	. 60	11.9	19.3	51.0	19.5	
AN AN 5.7 12.1 10.8 13.8 14.3 12.7 7.3 53.7 AN 24.4 AN 5.5 12.1 10.8 13.8 13.9 12.7 7.3 53.7 AN 5.4 AN 4.5 12.5 17.9 11.9 13.5 13.9 12.0 12.6 16.2 58.5 P. 73.0 9.9 13.1 AN 17.7 6.0 5.9 11.0 AJ 12.5 12.6 12.6 16.2 58.5 P. 79.7 17.3 13.5 16.1 18.0 18.7 18.0 18.7 18.0 18.7 18.0 18.7 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0	20		AN	9.9	7.2	6.6	17.5	17.3	11.4	AN	33.9	AN	18.1	
AN 17.7 3.7 17.9 11.0 AJ 13.9 13.9 13.1 55.5 P 73.0 9. AN 17.7 6.0 5.5 13.4 12.5 14.4 16.4 16.1 AF 56.5 P 79.7 17. AN AJ 59.1 16.0 15.0 12.5 14.4 16.1 AF 50.5 P 79.7 17. AN AJ 59.1 16.1 15.0 19.9 13.0 14.4 13.5 19.0 13.5 AN 13.	21		AN	5.7	12.1	10.8	13.8	14.3	12.7	7.3	53.7	~	24.3	
AN	23	AN	17.7	3.7	6.9	11.0	A.7.5	13.2	12.6	13.1	58.5		9.8	•
AN AJ 91 1 8.7 15.7 10.0 12.5 12.7 8.1 9.0 62.5 AN 13.1 AN 13.1 B.1 15.0 15.0 15.0 13.0 13.5 AN 13.1 B.1 15.0 15.0 13.0 13.5 AN 13.5 15.0 15.0 13.0 13.5 AN 13.5 15.0 15.0 13.5 AN 13.5 15.0 13.5 AN 13.5 15.0 13.5 AN 13.5 AN 15.0 AN 1	24	AN	17.7	6.0	5.5	13.4	12.5	14.4	10.4	16.1	AF		23.6	
13.1 13.5 16.1 15.0 15.0 19.9 13.0 14.4 13.5 19.0 13.5 AN 13.1 24.2 10.4 8.7 12.8 9.3 14.7 16.8 12.0 14.3 15.6 AN 13.2 10.7 4.2 4.0 9.5 7.2 16.6 12.7 12.5 AN 19.2 18.2 18.2 13.3 13.4 50.5 54.7 17.9 15.8 19.4 14.49 12.41 10.71 19.19 32.23 18.07 30.32 16.47 9.49 9.74 10.84 14.49 12.41 10.71 19.19 32.23 33.2 18.07 30.32 30 ANNUAL MEAN: 17.61 ANNUAL MAX: 85.7 5 Values marked with 's' exceed the PRIMARY STANDARD of: 65 18.07 10.041 10.041 10.041 10.041 10.041 10.041 10.041 10.041 10.041 19.04 10.041	25		AJ	9.1	8.7	15.7	10.01	12.5	12.7	8.1	0.6	62.5	AN	
12.2 1.7 1.2 1.0 1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	97 6	27.1	33.5	16.1	15.0	15.0	o .	13.0	14.4	13.5	19.0	13.5	AN	
12.2 7.3 9.0 7.2 16.6 12.7 12.5 AN 19.2 18.2 18.2 18.2 18.2 19.3 9.6 AN 5.5 5.0 19.4 9.6 AN 5.5 18.2 18.2 18.2 18.2 18.2 18.2 18.2 18.2	78		10.7	4. 5.	0.4	5.6	. e.	11.0	13.2	1.2.U	14.3	15.6	AN	
19.3 9.6 AN AJ 21.0 27.0 23. 18.4 50.5 54.7 1.9 15.8 19.4 9.6 AN AJ 21.0 27.0 23. 18.07 28.1 25 24 28 18 27 28 27 28 27 28 27 28 27 28 28 28 28 28 28 28 28 28 28 28 28 28	29	12.2		7.3	0.6	7.2	16.6	12.7	12.5	AN	19.2	18.2	18.7	
28.1 7.8 15.8 11.7 AN 29.6 29.6 21. 21. 22.1 16.8 21.0 21. 22.6 21.0 21.0 21.0 21.0 21.0 21.0 21.0 21.0	30	19.3		9.6	13.5	7.6	19.4	9.6	AN	AJ.	21.0	27.0	23.7	
16 21 31 25 31 27 29 28 18 27 28 28 28 38 32 32 32 32 32 32 31.0 31.0 31.0 31.0 31.0 30.2 30.2 32.2 32.7 80.5 31.0 30.2 30.2 30.2 31.0 31.0 31.0 31.0 31.0 31.0 31.0 31.0	31	28.1		7.8		15.8		11.7	AN		29.6		21.2	
32.4 50.5 54.7 17.9 15.8 19.4 31.0 16.8 16.2 58.5 85.7 17.9 18.07 30.32 16.47 9.49 9.74 10.84 14.49 12.41 10.71 19.19 32.23 18.07 30.32 30.32 16.47 9.49 9.74 10.84 14.49 12.41 10.71 19.19 32.23 18.07 18.08 marked with 'P' exceed the PRIMARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD of: 65 5 Values marked with 'S' exceed the SECONDARY STANDARD OF: 65 5 VALUES MARKED OF: 65 5 VALU	 NO.:	16	21	31	25	31	27	29	28	18	27	. 58	19	
10.07 30.32 10.47 9.74 10.84 14.49 12.41 10.71 19.19 32.23 10.08SERVAIIONS: 300 ANNUAL MEAN: 17.61 ANNUAL MAX: 85.7 5 Values marked with 'P' exceed the PRIMARY STANDARD Of: 65 Qualifier codes with regional concurrence are shown in upper case, and those without 5 Values marked with 'S' exceed the SECONDARY STANDARD Of: 65 ceptonal review are shown in lower case. An asterisk ("**) indicates that the region	MAX:	32.4	50.5	54.7	17.9	15.8	19,4	31.0	16.8	16.2	58.5	85.7	80.5	
in OBSERVATIONS: 300 ANNUAL MEAN: 17.61 ANNUAL MAX: 85.7 S Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region	MEAN:	18.07	30.32	16.47	9.49	9.74	10.84		12.41	10.71	19.19	32.23	33.25	
Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region	ANNUAI	L OBSERVATIONS:	300	ANNUAL MEAN:	17.61	ANNUAL MAX:	85.7	S :	alues marked w	ith 'P' exceed	the PRIMARY S	TANDARD of: 65		
	Note:	Qualifier codes	with region	onal concurrence	are shown in	upper case, and	those without	n	alues marked w	ntn 's' exceed	the SECONDARY	STANDARD of: 6	s.	
The state of the s		regional review	rare shown		An asterisk	("*") indicates t	that the regio							

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nditions AVE, BAKEL AVE, BAKEL COURTIAL - COUNTY APC COUNTY APC COUNTY APC MARK		X H L L			STAIE: ((66) Call AQCR: (031) SAN URBANIZED AREN: (C LAND USE: MOBILE LOCATION SETTING:	(06) California (031) SAN JOAQUIN VALLEY AREA: (0680) BAKERSFIELL MOBILE SETING: URBAN AND 0	IN VALLEY AKERSFIELD, SRAN AND CEI	క		CAS NUMBER: LATITUDE: LONGITUDE: UTM ZONE:	35.356111 -119.040278 11
SITE ID: 06-029-0014 POC: 1 COUNTO'S (029) Reen SITE ADDRESS: 5586 CALIFORNIA AVE, BANERS SITE COMMENTS: ANDERSON SEQUENTIAL - M SUPPORT ACENOY: (0145) California Air Res- MONITOR COMENTS: SLAMS COLLECTION AND ANALYSIS METHOD: (118) R & REPORTING ORG: (1118) Ventura County APCD MONITH Day JANUARY FEBRUARY KARCH 1 21.6 113.6 AN 22.2 AN 17.2 5 3 22.2 4 4 20.8 32.9 10 5 30.5 45.7 6 6 AN 20.6 53.0 15 6 AN 20.7 6 53.0 15 6 AN 20.8 6 53.0 15 6 AN 20.8 6 53.0 16 6 AN		25 PM2.5 SEQ 11. 2 5 5 4 1 4 1 4 1 4 1 4 6 6 4 6 6 4 6 6 4 6 6 6 4 6 6 6 6		ભંના ન	STAIE: AQCR: URBANIZED LAND USE: LOCATION REPORT F	(06) Californ (031) SAN JOAN AREA: (0680) MOBILE SETTING:	ia QUIN VALLEY BAKERSFIELD, 1	e e		LATITUDE: LONGITUDE: UTM ZONE:	35.356111 -119.040278 11
COUNTY: (029) Kern CITY: (03256) Balestsfield SITE ADDRESS: 5558 CALIFORNIA AVE, BAKERS SITE COMMENTS: WONITOR COMMENTS: ANDERSON SEQUENTIAL - M SUPPORT AGENCY: (0145) California Air Resi- MONITOR TYPE: SIAMS COLLECTION AND ANALYSIS METHOD: (118) R & COLLECTION AND ANALYSIS METHOD: (118) R & COLLECTION AND ANALYSIS METHOD: (118) R & COLLECTION AND ANALYSIS METHOD: (119) R & COLLECTION AND ANALYSIS METHOD:		11. 11. 12.5 PM2.5 SEQ 13.8 13.8 4.1 4.6 4.6		બ્નુ લ	STATE: AQCR: URBANIZED LAND USE: LOCATION REPORT F	(06) Californ (031) SAN JOA AREA: (0680) MOBILE SETTING:	ia QUIN VALLEY BAKERSFIELD, (ITRAN AND CEN'	80		IONGITUDE: UTM ZONE:	-119.040278 11
SITE ADDRESS: 558 CALIFORNIA AVE, BANERS SITE COMMENTS: WONITOR COMMENTS: ANDERSON SEQUENTIAL - M SUPPORT AGENCY: (0145) California Air Resi MONITOR TYPE: SLAMS COLLECTION AND ANALYSIS METHOD: (118) R & MONITH Day JANUARY FEBRUARY MARCH 1 21.6 15.6 AN 22.2 AN 4 20.8 32.9 10 5 AN 6 AN 6 AN 7 30.5 45.7 6		11. 12.5 PM2.5 SEQ 4 9.3 4 8 4 11 4 6 6 4 6 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6		બનાળ •	AQCR: URBANIZED LAND USE: LOCATION REPORT F	(031) SAN JOAN AREA: (0680) MOBILE SETTING:	QUIN VALLEY BAKERSFIELD, (d.		UTM ZONE:	11
SITE ADDRESS: 5558 CALIFORNIA AVE, BAKERS SIZE COMMENTS: MONITOR COMMENTS: MONITOR COMMENTS: ANDERSON SEQUENTIAL - M MONITOR TYPE: SLAMS COLLECTION AND ANALYSIS METHOD: (118) R & REPORTING ORG: (1118) Ventura County APCD MONTH 1 21.6 17.6 AN 2 AN 17.2 S 3 22.2 4 4 20.8 32.9 10 5 AN 2 20.8 32.9 10 6 AN 2 20.8 25.0 15 6 AN 2 20.5 45.7 6 7 30.5 65.7		TIL A 9.3 2.5 2.5 4.1 4.6 4.6 4.6		ખેને છે	URBANIZED LAND USE: LOCATION REPORT F	AREA: (0680) MOBILE SETTING:	BAKERSFIELD, C	es.			
SITE COMMENTS: MONITOR COMMENTS: ANDERSON SEQUENTIAL - M SUPPORT ACENCY: (0145) California Air Resi MONITOR TYPE: SLAMS COLLECTION AND ANALYSIS METHOD: (118) R & REFORTING ORG: (1118) Ventura County APCD MONTH 1 21.6 15.6 AN 22.2 AN 22.2 4 4 20.8 32.9 10 5 29.8 22.2 17 6 AN 2		111. 111. 112. 113. 113.8 114.1 114.6 116.6		ં લંધ	LOCATION REPORT F		TIPRAN AND CENT			UTM EASTING:	3914247
SUPPORT ACREACY: ORIGINAL PROPERTY. (0145) California Air Res. COLLECTION AND ANALYSIS METHOD: (118) R & REPORTING ORG: (1118) Ventura County APCD MONTH Day JANUARY FEBRUARY MARCH 1 21.6 17.5 AN 22.2 4 4 20.8 32.9 10 5 22.2 4 6 AN 20.8 32.9 10 7 30.5 45.7 6 8 29.5 45.7 6		II. III. I		તું જે તે જે	REPORT F			TER CITY		ELEVATION-MSL:	0
SUPPORT AGENOY: (0145) California Air Ress MONITOR TYPE: SIAMS COLLECTION AND ANALYSIS METHOD: (118) R & REPORTING ORG: (1118) Ventura County APCD MONTH Day JANUARY FEBRUARY MARCH 1 21.6 15.6 AN 22.2 4 4 20.8 32.9 10 5 22.2 4 6 30.9 32.9 10 7 30.5 45.7 6 8 22.5 17		II. III. I		ю́ -1 м	REPORT F					PROBE HEIGHT:	7.3
COLLECTION AND ANALYSIS METHOD: (118) R & REPORTING ORG: (1118) Ventura County APCD MONTH Day JANUARY FEBRUARY MARCH 1 21.6 17.6 AN 2 AN 17.2 5 3 22.2 4 4 20.8 32.9 10 5 29.8 22.2 17 6 AN 2 25.0 15 7 30.5 45.7 6		11. II. II. II. II. II. II. II. II. II.		ю - 1 к	KEFORT F	3006			DURATION	DURATION: 24 HOURS	
AEPONTING ORG: (1118) Ventura County APCD MONTH 1 21.6 15.6 AN 22.2 AN 17.2 \$ 4 4 20.8 32.9 10 5 29.8 22.2 17 6 AN 25.0 15 6 AN 25.0 5 7 30.5 45.7 6 8 29.5 45.7 6	6846748606	11	<u>, 6 4 4 1 10 10 10 10 10</u> 4 4 0 10 4 15 0 4.	ф -1 г					UNITS: P	UNITS: Micrograms/cubic meter (LC)	r (IC)
MONTH JANUARY FEBRUARY BARR 21.6 15.6 AN AN 17.2 22.2 20.8 32.9 29.8 25.0 30.5 45.7 29.5 45.7	0 8 4 6 5 4 8 6 5 5 E	71 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	७ न <u>स</u>					MIN DETECTABLE:	CTABLE: 2	
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20.8 22.2 AN 25.0 30.5 45.7 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5	T 10 01 T 00 10 0 0	2.2 4. 6.44 0.4 888		N N N	12.0	16.2	21.3	37.4	11.7	20.1	
AN 25.0 30.5 45.7 29.5 45.7		. 6.4.4. 6.8.6.		NI VI	21.8	17.5	15.9	12.2	AN	47.5	
30.5 45.7 29.5 45.7	********	8 8 4 4 8 8 8 9 9		;	10.6	. 6	22.9	16.3	N W	1.66	
29.5 45.7	8.0 6.0 6.0 6.0	8.8.4.		11.5	10.9	10.8	27.1	21.5	AN	P 77.7	
7 00	.0.6 5.0 6.3	8 4.8		AN	17.2	12.0	26.7	19.2	AN	41.5	
32.4	5.0 6.3	4.6		AN	18.7	17.7	21.5	12.4	AN	12.1	
36.2 60.5	6.3		19.6	10.7	15.2	17.7	14.4	10.3	15.3	7.9	
35.1 P 65.5		6.7	23.7	10.0	6.3	10.7	20.6	11.1	19.7	19.2	
42.7 P 65.9	8.0	5.7	18.2	9.8	17.9	9.4	24.1	12.2	22.7	25.5	
13 32.0 62.5 10	10.2	7.7	14.5	7.6	AQ 10.0	2.6	25.0	9.0	19.5	28.2	
2.75 AN	5.5	3.9	18.0	٥. ۵	18.b	8. ∵.	25.0	10.4	8 8 6	24.9	
AN AN	16.1	5.6	17.9	13.0	17.8	13.0	12.7	14.1	42.5	33.2	
17 27.1 AN 13	13.5	3.5	22.8	12.6	20.7	10.1	15.2	7.7	47.9	11.6	
13.9 AM	6.5	0.6	AF	11.7	21.8	12.7	18.6	6.8	AN	25.7	
13.5 5.8	6.2	11.5	13.0	11.4	20.9	11.8	16.9 e	AN	AN	23.6	
25.0 AN	5.0	14.1	9.6	16.6	18.2	10.6	16.5 e	17.3	AN	24.2	
33.0 AN	6.2	5.5	9.2	17.5	19.3	13.5	20.0 e	12.2	. AN	37.2	
22 AN 18.7 9	7.6.	2. 0	5.1	18.3	AQ 22.0	20.5	39.3 e	10.1	53.1	31.5	
31.8	16.7	10.4	11.5	23.7	19.6	14.0	AN A	14.2	30.0	31.5	
AM	14.5	21.2	12.0	20.1	19.7	11.7	AN I	21.8	20.0	P 71.2	
9.7 AN	8.4	6.2	8.6	21.0	17.2	10.1	23.2 e	14.7	23.8	36.6	
12.0 AN	13.0	11.2	. 6.7	19.0	12.5	15.8	AN	15.8	12.2	5.6	
19.2 AN	5.9	14.2	7.5	12.6	11.0	22.6	8.2 e	21.7	6.4	8.9	
	4.0	16.5	8.6	11.2	15.9	15.5	AN	23.5	15.8	18.5	
20.4	5.5	17.1	14.4	12.2	11.7	15.0	AJ	25.1	24.2	37.6	
31 17.2 4	4.7		15.3		5.6	15.6		25.7		49.6	
24 19	30	26	30	25	29	30	24	30	20	31	
42.7 65.9	~	21.2	23.7	23.7	32.0	22.6	39.3	39.1	53.1	77.77	
MEAN: 25.17 36.73 9.	9.34	8.54	13.93	13,35	16.44	13.56	20.04	17.05	23.46	33.22	
ANNUAL OBSERVATIONS: 318 ANNUAL	MEAN:	18.65	ANNUAL MAX:	77.77	4 Val	ues marked wi	4 Values marked with 'P' exceed the PRIMARY STANDARD of: 65	the PRIMARY SI	TANDARD of: 65		
Motton One 1 to 2000 or 15 to 1000		17			4 Val	ues marked wi	th 'S' exceed	the SECONDARY	4 Values marked with 'S' exceed the SECONDARY STANDARD of: 65		
Note: Qualitier codes with regional concurrence are shown in upper case, and those without redional review are shown in lower case. In agreeisk (***) indicates that the tradion	ncurrence are	shown in up	are shown in upper case, and those without in seterisk (***) indicates that the region	lose Without							

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State Stat							UNITED ST	ATES ENVIRONMENTAL PROT AIR QUALITY SYSTEM	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR QUALITY SYSTEM	N AGENCY					
NULL NO. 1919								RAW DATA	A REPORT					Mar. 21, 2007	
Action A	(88101) PM	2.5 - Loca.	l Conditi	ions		•							CAS NUMBER:		
10.000 1	SITE ID: 06-029	-0014	POC: 2					- DE					LATITUDE:	35.356111	
10 10 10 10 10 10 10 10	COUNTY: (029) Ke	ern				,		AQCR:		AQUIN VALLEY			UTM ZONE:	-119.040278	
100 100	SITE ADDRESS: 5	558 CALIFO	RNIA AVE.	. BAKERSFIELD				URBANI	ZED AREA: (0680) BAKERSFIELD,	SA.		UIM NORTHING:	3914247	
APPLIL ANA 13.9 AN AN AN AN AN AN AN AN AN A	SITE COMMENTS:							LAND U	ISE: MOBILE				UIM EASTING:	314614	
APPLIL MAX JUNE JUNE AUGUST SEPTEMBER OCTOBER NOWE 9.8 18.9	MONITOR COMMENT	S: ANDERSE	N SEQUENT	TIAL - COLLOCAT.	ED			LOCALI	CON SETTING:	URBAN AND CEN	TER CITY		ELEVATION-MSL: PROBE HEIGHT:		
APRILL MAX JUNE JULX AUGUST SEGTEMBER OCTOBER NOVE 9.8 18.0 AN 13.9 6.1 AF 13.9 AF 17.4 10.3 12.4 AF 17.1 13.3 8.0 11.3 16.1 5 15.1 5 1	SUPPORT AGENCY:	(0145) Cal	lifornia	Air Resources 1	Board							DURATION	: 24 HOURS		
APRIL MAY JUNE JULY ANGUST SEPTEMBER OCTOBER NOTMERS DECRESS 3	COLLECTION AND REPORTING ORG:	ANALYSIS MI	ETHOD: MU	ULTIPLE METHODS aty APCD				KEPOF				UNITS: M	icrograms/cubic meter	er (LC)	
AP 5.2 11.3 9.8 18.0 AN	MONTH														
			UARY	MARCH	APRIL	MAY	JUNE	COLX	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$, 6						AQ	AN							
13.4.4 AR 13.9 6.1 AF 13.9 6.1 AR 13.9 6.1 AR 13.9 12.6 j 22.8 j 33.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.			5.2	•	8.6	18.0									
$34.4 \qquad \begin{array}{c ccccccccccccccccccccccccccccccccccc$				11.3								ŭ	0		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9									12.6 j	22.8 j	33.5	5.61		
34.4 Ar Ar Ar 13.9 6.1 Ar 15.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5	7						,	!	BE						
31.8	ം ത	AF			E C	6.8	6.1	AF							
31.8				AN	13.9										
11.8 19.8 10.5 10.5 12.4 10.3 10.5 12.4 10.7 1 10.3 12.4 10.7 1 10.5 12.9 12.9 12.9 12.9 12.13 10.6 12.8 12.9 12.13 10.6 12.8 12.9 12.13 10.6 13 12.13 10.6 13 12.13 10.6 13 12.13 10.6 13 12.13 10.6 13 12.13 10.6 13 12.13 10.6 13 12.13 10.6 13 12.13 10.6 13 12.13 10.6 14 16.5 1 12.13 10.6 14 16.13 10.6 16.13	11											6.8	47.8	,	
11.8 19.8 10.5 10.3 10.5 12.4 10.7 1 10.5 1 10.5 1 10.5 1 10.9 10.5 1 10.9 10.5 1 10.9 10.5 1	13			•					BE		17.8]				
31.8 12.8 7.4 10.3 12.4 15.7 j 31.8 19.3 12.9 7.4 10.3 12.4 15.7 j 38.1 19.3 17.2 6.8 AV 9.4 AF 10.6 j 44.2 22.3 17.1 13.3 8.0 11.3 13.2 j 4 4 4 5 5 7 7 17.1 18.0 10.5 113.7 j 4 4 4 5 5 7 7 17.1 18.0 10.5 113.4 12.62 2.43 25.80 5.0 SERWATIONS: 51 ANUAL MEAN: 18.41 ANUAL MAX: 59.2	14	•					10.5								
38.1 19.3 17.2 6.8 AV 9.4 AF 10.6 j 47.0 17.2 4.8 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2				22.9	7.4	10.3		12.4		15.7 j					
38.1 19.3 17.2 6.8 AV 9.4 AF 7.6 j 4.9 j 4. 24.8 4.2 22.3 17.1 18.0 10.5 1 11.7 j 40.2 47.0 59.8 12.28 12.13 18.43 11.46 8.20 12.75 13.40 12.82 22.43 25.80 10.5 5 7.5 13.40 12.82 22.43 25.80	17											47.0	38.7		
38.1 19.3 17.2 6.8 AV 9.4 10.6 j 4.9 j 4.2	18 19								H.	7.6 j					
38.1 17.2 5.2 0.8 10.6 j 38.1 17.2 5.2 0.8 20.2 4.2 AE 4.2 17.1 13.3 8.0 11.3 4.2 13.2 j 13.2 j 13.7 j 11.7 j 4.4 4 4 5 5 38.1 18.0 10.5 17.9 16.1 16.5 40.2 32.28 12.13 18.43 11.48 11.46 8.20 12.75 13.40 12.82 22.43 25.80 5.0 SERVATIONS: 51 ANNUAL MAX: 59.2	20	•	c c			•	AV	9.4			4.9 j				
20.2 4.2 4.2 24.8 24.8 4.2 4.2 4.2			r.	17.2	7	8.0			10.6 j						
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	23									11 10 10		20.2	59.2		
24.8 4.2 22.3 17.1 13.3 8.0 11.3 16.1 16.1 16.1 19.0	25								AF	[6:07	ΑΛ				
24.8 12.3 1/11 13.3 16.1 5 13.2 j 13.2 j 19.0 7 13.2 j 11.7 j 40.2 AF	26		,		;		8.0	11.3							
13.7 j 11.7 j 40.2 19.0 A 4 4 4 5 5 3 4 4 5 5 3 4 4 5 5 3 4 5 5 3 4 4 5 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6			7:5	22.3	1.,1	13.3			i 1.91						
4 4 4 5 5 3 4 4 5 5 3 4 4 5 5 3 4 4 5 5 3 4 4 5 5 5 5	29								13.2 j			19.0	AN		
38.1 19.8 22.9 17.1 18.0 10.5 17.9 16.1 16.5 40.2 47.0 32.28 12.13 18.43 11.48 11.46 8.20 12.75 13.40 12.82 2:.43 25.80 CORSERVATIONS: 51 ANNUAL MEAN: 18.41 ANNUAL MAX: 59.2	30 31				*				13.7 j AF	11.7 j	40.2				
38.1 19.8 22.9 17.1 18.0 10.5 17.9 16.1 16.5 40.2 47.0 47.0 32.28 12.13 18.43 11.48 11.46 8.20 12.75 13.40 12.82 2:.43 25.80 L. OBSERVATIONS: 51 ANNUAL MEAN: 18.41 ANNUAL MAX: 59.2	NO.:	4	4	. 4	ĸ	ĸ		4	4	ιn	4	ហ	4		
32.28 12.13 18.43 11.48 11.46 8.20 12.75 13.40 12.82 2:.43 25.80 L OBSERVATIONS: 51 ANNUAL MEAN: 18.41 ANNUAL MAX: 59.2			9.8	22.9	17.1	18.0	10.5	17.9	16.1	16.5	40.2		59.2		
51 ANNUAL MEAN: 18.41 ANNUAL MAX:			2.13	18.43	11.48	11.46	8.20	12.75	13.40	12.82	21.43	25.80	41.25		
	ANNUAL OBSERVA	TIONS:	51	ANNUAL MEAN:		ANNUAL MAX:	59.2								

SITE ID: 06-029-0014 POC: 2 COUNT: (1029) Ken. CITY: (10326) Bakersfield SITE ADDRESS: 5558 CALIFORNIA AVE, BAKERSFIELD SITE ADDRESS: 5558 CALIFORNIA AVE, BAKERSFIELD SITE ADDRESS: 5558 CALIFORNIA AVE, BAKERSFIELD SUPPORT ACENCY: (1045) California Air Resources Board MONITOR TYPE: 51AMS COLLECTION AND ANALYSIS METHOD: (118) R. & P MODEL 2025 PWZ.5 SEQUENTIAL REPORTING ORG: (1118) Ventura County APCD MONTH DAY JANUARY FEBRUARY MARCH APRIL MAY 1 2 3 AF 4 15.1 AF AF AR 50.7 7.0 5.2 10.3 11 AR AR 50.7 7.0 5.2	טער	STAME: ((6) Call AQCR: (031) SAM URBANIZED ARBA: (0 LAND UBE: MOBILE LOCATION SETTING: REPORT FOR: 20	W DATA REPORT STAIE: (06) California AQCR: (031) SAN GOAQUIN VALLEY URBANIZED ARBA: (0680) BAKERSFIELD, CA			E	Mar. 21, 2007
101) PM2.5 - Local Conditions 106-029-0014 . POC: 2 1029) **Remain PM2.5 - Local Conditions 1028) **Remain PM2.5 - Local Conditions 1029 **Remain PM2.5 - Local Courted 1029 **Remain PM2.5 - COLLOCATED 1030 **Remain PM2.5 - COLLOCATED 1031 **Remain PM2.5 - COLLOCATED 1031 **Remain PM3.5 - COLLOCAT		STATE: (06) AQCR: (031) UBBANIZED ARB LAND USE: MOD LOCATION SETIL	California SAN JOAQUIN VALLEY : (0680) BAKERSFIELI			CAS NUMBER: LATITUDE: LONGITUDE:	
029) Kern 3508) Bakersteid MRENS: 5558 CALIFORNIA AVE, BAKERSFIELD MRENTS: MRENTS: MARNYA: GONG: (1118) Ventura County APCD MONTH JANUARY FEBRUARY MARCH APRIL 16.1 AF AR 50.7 7.0 116 11.1 AF AR 50.7 7.0 116 12.1 AR 13.1 AR 148.9 AP		STALE: (06) AQCR: (031) URBANIZED ARB- LAND USE: MOI LOCATION SETII	California SAN JOAQUIN VALLEY : (0680) BAKERSFIELI			LATITUDE: LONGITUDE:	
THE SET OF CALIFORNIA AVE, BAKERSFIELD MENEYS: COMMENTS: COMMENTS: AGENCY: COMMENTS: AGENCY: COMMENTS: AGENCY: COMMENTS: AGENCY: COMMENTS: AGENCY: COMMENTS: AGENCY: A		AQCR: (031) URBANIZED ARB- LAND USE: MOD LOCATION SETII	SAN JOAQUIN VALLEY : (0680) BAKERSFIELI				35.356111
MEMBERS: COMMENTS: COMMENTS: ANDERSEN SEQUENTIAL - COLLOCATED TYPE: SLAWS TYPE: SLAWS CON AND ANALYSIS WEIGHOD: (118) R & P MODEL 2025 PM2.5 SEQUENTIAL GONG: (1118) Ventura County APCD MONTH JANUARY FEBRUARY MARCH APRIL PAX 16.1 AF AF AR 50.7 7.0 1.1 1.1 AF AR 50.7		LOCATION SETTI REPORT FOR:	E 11	o, ca		UTM ZONE: UTM NORTHING:	3914247
AGENCY: (0145) California Air Resources Board TYPE: SIAMS TOWN AND ANALYSIS METHOD: (118) R & P MODEL 2025 PWZ.5 SEQUENTI GON AND ANALYSIS METHOD: (118) WARCH MONTH JANUARY FEBRUARY MARCH AFRIL MAX AF AF AF AF AR 50.7 7.0 11 7.8		REPORT FOR:	NG: URBAN AND CENTER CITY	SENTER CITY		UIM EASTING: ELEVATION-MSL: PROBE UPICUT:	314614 0
ON GRG: (1118) Ventura County APCD MONTH JANUARY FEBRUARY MARCH APRIL MAY ANNUARY APCD AN AF 16.1 AF AN 50.7 7.0 1.0 1.0 1.0 1.0 1.0 1.0		REPORT FOR:	2000		DURATION	DURATION: 24 HOURS	
PEBRUKAY MARCH APRIL MAN AF AF 8.7 AN 50.7 7.0	JUNE		6000		UNITS: Microgram	UNITS: Micrograms/cubic meter (LC)	(IC)
AF AF SO.7 7.0	JUNE						
AF 8.7 AN 50.7 7.0		JULY AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
AF 8.7 AN 50.7 7.0		-	15.5	18.0			
AF 8.7 AN 50.7 7.0	7.0	11.7					
AN 50.7 7.0	10.3						
AN 50.7 7.0					c	£.	
AN 50.7 7.0			10.1	16.3	0.22	AF.	
7.0 7.0 7.0	•		10.2				
AF	5.2	0.8					
21.6			Na		33.3	AF	
		#	11.0	0.71			
	10.3	18.0					
20.1	0.7		AF				
5.5				50.8	47.2	15.1	
			10.8			18.7	
23.6 AN AN 12	12.5	14.6					
3.7	·						
					P 82.0	24.5	
		H	13.8	6.01			
23.8	8.8	15.2					
8.4 14.8 10	10.6						
					26.0	24.7	
				33.1) ;		
5 . 5	5	ıs	5	9	ιΩ	4	
48.9 50.7 14.8				33.1	82.0	24.7	
32.53 20.60 9.00	9.02 9.65	13.50 11.48	48 12.80	19.28	42.10	20.75	
ANNUAL OBSERVATIONS: 53 ANNUAL MEAN: 18.48 ANNU	ANNUAL MAX: 82.0	a values ii	A VALUES MAINE WILL F. EXCEED ONE FRIMARY STANDARD OF 65	ed the PKIMAKI SI	ANDARD OF: 65		

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NOWITOR COMMENTS: ANDERSEN SEQUENTIAL - COLLOCATED SUPPORT AGENCY: (0145) California Air Resources Board MONITOR TYPE: SIAMS REPORTING ORG: (1118) Ventura County APCD LA MONTH Day JANUARY FEBRUARY MARCH APRIL MAY 1 2 30.2 A.0 ARCH 1 36.0 62.5 B.21.6 1 1.1 36.0 62.5 B.21.6 1 1.1 36.0 8.5 B.21.6 1 1.1 1.1 1.1 1.2.0 8.15 1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	SITE ID: 06-029-0014 POC: 2 COUNTY: (029) Kern CITY: (02358) BAKEREFIELD SITE CAMENTS: MONITOR COMMENTS: ANDERSEN SEQUENTIAL - COLLOCATED SUPPORT AGENC: (0145) California Air Resources Board WONTIOR TYPE: SIAMS OGLIGETTOR AND MALYSIS METHOD: (118) R & PRODEL 2025 PWZ.5 REPORTING ORG: (1118) Ventura County ACCD WONTIOR TYPE: SIAMS ANDIARY FEBRUARY NARCH APRILL 1 2 3 3 4 4 7 4 7 7 8 9 11.11 9 6 12.0 8.5 11.1 11 11 11 11 11 11 11 11 11 11 11 1	MAY MAX 21.6	JUNE 9.5	STATE: (06) AQCR: (031 URBANIZED ANI LAND USE: W LOCATION SETO VULX AUG 21.7 21.7	STATE: (06) California AQCR: (031; SAN JOAGUTH VALLEY URBANIZED AREN; (0680) BAKENSFIELD, LIAND USE: WOBILE LIAND USE: WOBILE LIAND USE: WOBILE 11.00 REPORT FOR: 2006 REPORT FOR: 2006 17.9 17.9 17.9 17.9 17.6 15.4	MARKRETELD, CA BAKENSFIELD, CA URBAN AND CENTER CITY 17.9 42.	CA NIER CITY OCTOBER 42.6 11.4	CP LIA DURATION: 24 HOU UNITS: MACFOGIFAR MIN DETECTABLE: 33.0 P 81 21.0 28	CAS NUMBER: 35.3 LATITUDE: 35.3 LONGITUDE: -119 UTM ZONE: 11 UTM NORTHING: 3914 UTM EASTING: 3146 ELEVATION-MSL: 0 PROBE HEIGHT: MIN DETECTABLE: 2 MARK DETECTABLE: 2 MARK DECEMBER 11.5 37.2 24.2	Mar. 21, 2007 33.356111 11 11 1391/247 314614 11 10
33.2 18.9 5.9 16.6 16.6 16.6 16.6 16.6 16.6 16.6 16	6 v	10.6	17.1	17.7	AG 15.2	6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	18.1	54.0 AF 6.1	Р 72.1	
3.0 5.6 3.1 3.0 3.1 3.1 3.1 3.2 3.1 3.2 3.2 3.2 3.3 3.3 3.3 3.3 3.3 3.3 3.3	6 4 5 6.8 4 4.78 WEAN: 22.14	5 21.6 15.32 ANNUAL MAX:	5 17.7 12.44 81.0	4 21,7 16.65 2 Va	4 17.6 15.63 lues marked wi	17.6 5 5 4.0 5 15.63 21.56 21.44 35.12 2 Values marked with 'P' exceed the PRIMARY STANDARD Of: 65	. 5 42.6 21.44 :he PRIMARY ST)	5 54.0 35.12 NNDARD of: 65	49.7 6 81.0 48.82	

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						UNITED STA	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY	CAL PROTECTION	AGENCY				
					,		RAW DATA REPORT	REPORT					Mar. 21, 2007
ಪ	38101) PM2.5	(88101) PM2.5 - Local Conditions	ions									CAS NUMBER:	
SITE II	SITE ID: 06-029-0016	6 POC: 1										LATITUDE:	35.324722
COUNTY	COUNTY: (025) Kern						STATE	(06) California	ia			LONGITUDE:	-118.999167
CIIX: (CITY: (03526) Bakersfield	field					AQCR:	(031) SAN JOAQUIN VALLEY	QUIN VALLEY			UTM ZONE:	=
SITE AL	DDRESS: 410 E	SITE ADDRESS: 410 E. PLANZ RD. BAKERSFIELD,	ę,	93307			URBANIZED IAND DEF	SD AKEA: (U68U)	UNBANIZED AKEA: (U080) BAKEKSFIELD, CA	4		UIM NORTHING:	3910689
SITE C	SITE COMMENIS:						LOCATION	23	SUBURBAN			FIRMATION MET	
MONTLO	COMMENTS: A	MONITOR COMMENTS: ANDERSEN SEQUENTIAL	TIAL									PROBE HEIGHT:	» «
SUPPOR.	r AGENCY: (014	45) California	SUPPORT AGENCY: (0145) California Air Resources Board	Board							NO.	outon vo	
MONITO	MONITOR TYPE: SLAMS						REPORT FOR:	FOR: 2004			DURALLON	DOKALLON: 24 HOURS	
COLLECT	TON AND ANAL.	YSIS METHOD: (COLLECTION AND ANALYSIS METHOD: (120) ANDERSEN RAAS2.5-300 PM2.5 SEQ W/W	AAS2.5-300 PM2	2.5 SEQ w/W						UNITS: M	5	er (LC)
REFORT	Ne Oke: (111)	ABFORTING ONG: (1110) VENCUEA COUNCY AFOLD	ncy APCD								MIN DETECTABLE:	TABLE: 2	
Dav	MONTH	FEBRUARY	MARCH	APRTI.	>4W	TUNE	×	Fations	dadyandao	dagono	di Grandini	in the state of th	
								120000	SEE LEMBER	OCTOBER	NOVEMBER	DECEMBER	
- N	44.0]		12.0 3			10.4	. A. A.	7.4 j	14.7 j			, G	
m		5.0 j	AF	12.0 j	14.1 j		7 2:57		13.0 1	21.3 1	18.0 1	0.60	
4	23.1 j		13.2 j	•	1			13.: j					
Ŋ						9.2	15.0 j				, AH	17.7	
9 1		20.4 j		11.6 j	6.3 j				AQ	20.5 j			
۰,۰	42.1 j		34.2 j					14.3 j					
0 0		0 40			0	4.7 3	6.6 j		;		АН	AF	
10	32.4 3	7	35.0 1	T 6:61	ر د.ه			. F.	. Ca	. e J			
11						9.4	15.9 ;		•		8.6 1	AB	
12		8.7 j		9.4 j	7.0 j		•		AF			!	
13	25.7 j							10.0 j	8.0 j				
14		;				AF	10.3 j			10.9 j	AN	27.5	
c1 12	77	20.7 j	Ç,	9.3	9.2 3	0		ţ	14.3 j	AN			
2 -			200			12.8]	0	AF					
18		6.1 j	2	7.4 1	. 4. č	C 5.21	0.01	16.0]	5.5	Ľ,	42.2	29.3	
19	44.3 j	ì	25.4 j					9.3 j		2			
50						10.2 j	8.9 j				AG	17.4	
21	6. 0. 1.	19.4 j		7.1 j	AF			ŗ	6.6	AL			
23			?			10.01	8.7 1	W.			15.8	47.2	
24		10.6 j		AF	AF			7.8 j	13.2 j	AL			
25	47.6 j		10.0 j		9.6 j			7.7 j					
26		7.0		9		7.0 j	10.8 j		;		AF	AJ .	
28	AF	à	AN	13.5 1	11.1			N	AN	AG			
59				1		10.1 5	AF	ļ			АН	6.8	
30	33.7 j			9.5 j	10.9		9.3 j		8.7 j	34.1 j			
31	17.1 j		18.5 j										
NO.:	11	60	60	10	10	10	10	σ,	60	ß	4	7	
MAX:	47.6	25.9	35.0	19.9	14.1	12.8	15.9	14.3	14.7	34.1	42.2	59.5	
MEAN:	34.40	14.60	21.85	11.35	9.01	9.61	11.06	10.35	11.04	19.08	21.15	29.21	
ANNUA	ANNUAL OBSERVATIONS:	S: 100	ANNUAL MEAN:	16.47	ANNUAL MAX:	59.5							
Note:		des with regio	Qualifier codes with regional concurrence are shown in upper case, and those without	are shown in	upper case, an	d those withou	ļ.						

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Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (**) indicates that the region has reviewed the value and does not concur with the qualifier.

Note:

						UNITED STAT	ES ENVIRONMENTAL PROT AIR QUALITY SYSTEM	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR QUALITY SYSTEM	AGENCY					
							RAW DATA REPORT	REPORT				-	Mar. 21, 2007	
ٽ	(88101) PM2.5 - Local Conditions	· Local Condit	tions									CAS NUMBER:		
SITE II	SITE ID: 06-029-0016	POC: 1	_									LATITUDE:	35.324722	
COUNTY	COUNTY: (029) Kern						STATE:	(06) California	eg.			LONGITUDE:	-118.999167	
CIIX: (CITY: (03526) Bakersfield	field					AQCR:	(031) SAN JOAQUIN VALLEY	UIN VALLEY			UIM ZONE:	11	
SITE AL	DDRESS: 410 E.	PLANZ RD. B	SITE ADDRESS: 410 E. PLANZ RD. BAKERSFIELD, CA 9:	93307			URBANIZE		BAKERSFIELD, C	Y.		UIM NORTHING:	3910689	
SITE C	SITE COMMENTS:						LAND USE:	COMMERCIAL				UIM EASTING:	318280	
MONITO	MONITOR COMMENTS: ANDERSEN SEQUENTIAL	IDERSEN SEQUE	NTIAL				LOCALLO		SUBURBAN			ELEVATION-MSL: PROBE HEIGHT:	0 %	
SUPPOR	T AGENCY: (014	5) California	SUPPORT AGENCY: (0145) California Air Resources Bo	Board										
MONITOR	MONITOR TYPE: SLAMS						REPORT FOR:	FOR: 2005			DURATION: 24 HOURS	24 HOURS		
REPORT	COLLECTION AND ANALISIS METHOD: (120) AND REPORTING ORG: (1118) Ventura County APCD	SIS MEIHOD:) Ventura Cou	EKSEN	KAASZ.5-300 PMZ.5 SEQ w/W	2.5 SEQ w/W						UNITS: Microgram	UNITS: Micrograms/cubic meter (LC)	r (LC)	
	MONTH													
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAX	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
ੌਰ	12.8			8.9	5.6				19.4	21.4				
0, 0		ć	17.0					12.7						
U 4	14.0	0.62		. 0		10.5	14.8				0.6	15.9		
· w) : :		19.2	2	2			19.0	10.4	4.				
9		41.8				7.9	17.5				AF	47.6		
7	6.7			11.0	9.6				14.9	20.9				
ω σ			13.3				!	20.0						
10	₽¢.	4 4.00		8.7	F	7.3	7.6		9 07	ñ	AF	AN		
: 11			51.6	•	13.2			24.0	9.	2.01	24.6			
12		40.2			!	12.2	23.2				40.2	AF		
13	29.5			11.0	AQ				12.5	20.6				
4 t		o A	23.0			·	, c	AF			;			
16	26.6	uw v		AR	AF	5.11	23.3		15.1	70 %	41.3	5,77.5		
17			21.7					AF	•			5 66.4		
18		AH				7.6	AV				42.9			
19	21.1		18.8	8.4	AF				15.9	21.7				
20		1.4	AF			ה ס	0 90	14.3				c c		
22	АН			30.6	AN)		19.0	AF		0.000		
23			5.0					14.7						
2. 2.	27.3	14.4			ŗ	7.6	20.0		;	;	AQ	23.0		
56	2.2		1.5	14.0	15.7			18.3	16.4	AF				
27		AN			13.7	11.1	AJ	19.0			12.8	AF		
28	5.4			5.3	AN				18.9	10.6				
53			8.1							18.0				
31	24.8				AN	21.7	14.5	17.9		32.2	25.1	23.3		
NO.:	6	9	10	6	7	10	œ	o	10	11	80	σ.		
MAX:	29.5	41.8	51.6	30.6	17.7	21.7	24.0	24.0	19.4	32.8	711.7	77.5		
MEAN:	18.69	26.20	17.78	11.99	11.49	11.73	18.38	17.76	15.31	18.49	33.45	42.10		
ANNUAL	ANNUAL OBSERVATIONS:	106	ANNUAL MEAN:	19.99	ANNUAL MAX:	77.5	3 Va	3 Values marked with 'P' exceed the PRIMARY STANDARD of: 65	h 'P' exceed t	the PRIMARY ST	ANDARD of: 65	Ē		
Note:	Oualifier cod	tes with rediv	Qualifier codes with regional concurrence are shown in upper case, and those without	are shown in	unner case. and	those without		3 Values marked with 'S' exceed the SECONDARY STANDARD of: 65	h 'S' exceed t	the SECONDARY	STANDARD of: 65			
3325	ממשודוים ייי	TEST HITTE SET	Olial concuttence	are snown in	upper case, and	those Without								

CASA NUMCRER: ANA ORGOLINA VALLEX A. (1060) BARERSFIELD, CA A. (1060) BA							UNITED STAI	TES ENVIRONMENTAL PROT AIR QUALITY SYSTEM RAW DATA REPORT	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR QUALITY SYSTEM RAW DATA REPORT	AGENCY				7000 -10 rew
Part	8)	8101) PM2.5 - L	ocal Condit	tions										
Column C	SITE IL	. 06-029-0016	POC: 1										LATITUDE:	35.324722
1,	COUNTY:	(029) Kern						STATE:	(06) Californ	nia			LONGITUDE:	-118.999167
Part	CITY: (4	3526) Bakersfie	ple					AQCR:	(031) SAN JO	AQUIN VALLEY	:		UIM ZONE:	11
	SITE AL	DRESS: 410 E. F	LANZ RD. BR		93307			UKBANIZ LAND US	ED AKEA: (U68U,) BAKERSFIELD,	¥.	ì	UTM NORTHING:	3910689
######################################	SITE CC	MMENTS:						LOCATIO	N SETTING:				ELEVATION-MSL:	202010
	MONITOR	COMMENTS: ANDE	SRSEN SEQUEN	NTIAL									PROBE HEIGHT:	o 61
Name	SUPPORT	AGENCY: (0145)	California	Air Resources I	Soard							NOTTERING	Sq. Bornes	
ANTE JULY ANOUST SEPTEMBER OCTORER NOOF ANT 11.8 AO 8.9 AF ANT 12.2 14.9 23.3 AF 10.4 22.2 14.9 23.3 AF 11.2 20.9 18.3 AF 11.2 20.9 18.3 AF 11.2 20.0 AF 11.3 2 22.0 AF 11.3 2 22.0 AF 11.3 2 22.0 AF 11.3 2 22.0 AF 11.3 33.1 AF 11.3 32 16.5 AN 11.3 2 16.5 AN 11.3 2 16.5 AN 11.3 2 16.5 AN 11.3 33.1 AF 11.3 33.1 AF 11.3 32 16.5 AN 11.3 1 AALues marked with 'P' exceed the BRINARY STANDARD ACTORER AND ACTORER AND AND ACTORER AND AND ACTORER AND ACTORER AND AND ACT	MONITOR	TYPE: SLAMS						REPORT				NOTIFIE	SUCON ES	
Hamile H	COLLECT	TON AND ANALYSI	S METHOD:	(120) ANDERSEN R	AAS2.5-300 PE	M2.5 SEQ w/W						UNITS: M	icrograms/cubic mete	r (IC)
National Part National Par	REPORT	NG OKG: (IIIO)	ventura cou	unty AFCD				,				MIN DETE		
18-1 17-3 18-2 18-2 18-3	Day		PEBRUARY	MARCH	APRIL	MAY	TILL	XIII.	AHGHST	GERMANA	daaono C	NOVEMBED	овамараа	
18-1								1	10000	Victoria de la companya de la compan	OCTOBER .	NOVERIDER	Nadaga da	
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National N	4	.16.3	36.2				10.4	22.2	14.9	23.3		AF		
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1.5. 1.0. 1.0. 1.0. 1.0. 1.0. 1.0. 1.0.	- 00	30.7 AF	43.8	-	Z	18.7	AF	12.4		0 61	000	AF		
12.5 12.5	, n	!		:	1	ŧ			18.6	0.01	1.02	50.6		
1.0 1.0	10		33.0				12.6	16.2	14.9			AF	7.9	
NE 11.6 12.3 18.6 18.5 19	11	36.3			ВА	AF			17.8	24.1	15.0			
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11.6 12.3 12.3 12.4 12.5	13	C	AF		i	;	8.0	AQ			!	AF	27.2	
11.6 11.6 11.6 11.6 11.6 11.6 11.6 11.6 11.1 11.4 11.2 11.2 11.2 11.2 11.2 11.2 11.2 11.3	15	7:			ВА	AF	. B			29.4	17.5	ç		
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24.7	11	26.4	9.5		AN	AF	!	!		17.3	AF		Í	
13.4 AF AF AF AF AF AF AF A	18			4.3					22.0					
21.2 6.0 AN 11.1 16.7 AF 14.5 AF 16.7 AF 15.2 AF 16.7	19	;	AF	AF			13.4	AF				64.7	18.7	
21.2 AF	20	24.7		Ċ	AN	11.1		16.7		14.5 e	AF	•		
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17.0 18.6 18.6 18.6 18.0 18.6	23	32.5			ВА	AF		ä		42.5 e	AO AO	2.00	æ	
17.0 AF 14.5 BA 9.5 19.4 19.5	24		37.5			13.0			19.5		16.1			
AN 1.00 AF 19.5 AF 19.5 AF 19.7 AF 19.8 AF 19.	25	,	AF				19.4					19.5	. AN	
AN 5.9	97 6	17.0			BA	6.5					AF			
AN 5.9 BA AF 20.0 AF 33.1 AF 33.1 AF 35.1 AF 3	7 8		0	•		•	6		19.0				;	
5.9 AF 19.7 28.3 AF 36.3 9 10.7 28.3 AR 36.3 11.2 20.2 20.2 20.2 20.2 20.3 42.5 20.3 42.5 20.3 42.5 20.3 42.5 20.3 42.5 20.3 42.5 20.3 42.5 20.3 42.5 20.3 42.5 20.3 42.7 42.7	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	AN	;		ВВ	AF	0.00	¥		33.1	2/./ AF	r.	AQ 33.0	
26.3 43.8 18.6 8.5 18.7 23.7 22.0 42.5 28.3 64.7 20.2 22.0 42.5 28.3 64.7 20.2 22.0 42.5 28.3 64.7 20.2 22.0 22.0 42.5 28.3 23.7 27.2 22.0 22.0 22.0 22.0 22.0 22.0 22	30			5.9	ł	ļ			19.7		. 82		33.0	
16.3 43.8 18.6 8.5 18.7 22.7 22.2 22.0 42.5 23.3 64.7 20.0 22.0 22.0 25.24 12.7 22.7 22.0 22.0 25.24 12.7 22.7 22.0 22.0 25.24 23.3 64.7 20.0 20SERVATIONS: 10.1 ANNUAL MEAN: 19.81 ANNUAL MAX; 78.6 1 Values marked with P? exceed the PRIMARY STANDARD of: 65 the strength of the value are shown in lower case. An asteriak (***) indicates that the region	31							AF	<u> </u>				AF	
18.6 18.6 18.7 18.7 23.7 22.2 22.0 42.5 23.3 64.7 23.24 23.89 9.36 5.70 12.08 13.32 16.53 16.45 25.24 13.79 32.73 LOBERVATIONS: 101 ANNUAL MEAN: 19.81 ANNUAL MAX; 78.6 1 Values marked with P' exceed the PRIMARY STANDARD of: 65 ROBERVATIONS: 101 ANNUAL MEAN: 19.81 ANNUAL MAX; 78.6 1 Values marked with P' exceed the PRIMARY STANDARD of: 65 ROBERVATIONS: 101 ANNUAL MEAN: 19.81 ANNUAL MAX; 18.6 1 Values marked with S' exceed the SCONDARY STANDARD of: 65 ROBERVATIONS: 101 ANNUAL MEAN: 19.81 ANNUAL MAX; 18.6 1 Values marked with S' exceed the SCONDARY STANDARD of: 65 ROBERVATIONS: 10.8 ANNUAL MEAN: 19.8 ANNUAL MEAN: 19.8 ANNUAL MEAN: 19.8 ROBERVATIONS: 10.8 ANNUAL MEAN: 19.8 ANNUAL MEAN: 19.8 ROBERVATIONS: 10.8 ANNUAL MEAN: 19.8 ANNUAL MEAN: 19.8 ROBERVATIONS: 10.8 ROBERVATI	NO.:	6	6	11	2	ĸ	11	7	12	10	Ø	o		
23.24 23.89 9.36 5.70 12.08 13.32 16.53 16.45 25.24 19.79 32.73 LOBSERVATIONS: 101 ANNUAL MEAN: 19.81 ANNUAL MAX: 78.6 1 Values marked with 'P' exceed the PairAnx STANDARD of: 65 Qualifier codes with regional concurrence are shown in upper case, and those without regional reviewer a shown in lower case. An asteraisk [***] indicates that the region	MAX:	36.3	43.8	18.6	8.5	18.7	23.7	22.2	22.0	42.5	28.3		78.6	
L OBSERVATIONS: 101 ANNUAL WEAN: 19.81 ANNUAL MAX; 78.6 Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (**) indicates that the region has reviewed the value and does not concur with the qualifier.	MEAN:	23.24	23.89	9.36	5.70	12.08	13.32		16.45	25.24	19.78	32.73	31.01	
Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (**) indicates that the region has reviewed the value and does not concur with the qualifier.	ANNUAL	OBSERVATIONS:	101	ANNUAL MEAN:		ANNUAL MAX;	78.6	ı, v	alues marked w.	ith 'P' exceed	the PRIMARY S	TANDARD of: 65		
	o to N	Onsliffier codes	with regi	egueranionoo leno	are chosen to	par i data south	410044		alues marked w.	ith 'S' exceed	the SECONDARY	STANDARD of: 6		
has reviewed the value and does not concur with the qualifier.		regional revies	ware shown	in lower case.	An asterisk	n upper case, and	that the regio	, g						
		has reviewed tl	he value an	nd does not concu	r with the q	ualifier.								

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36.101389 -119.565833 11 3998073 269015

Mar. 21, 2007

(88101) PW2.5 - Local Conditions	BE CLOSED MID 97 Erol Dist Q w/M 13.6 4.0	STATE: ((66) AQCR: (03) URBANIZED ANI LAND USE: R. LOCATION SETT JULY AUG AE 8.6	D31) Californ. D31) SAN JOAN RES. (0000) RESIDENTIAL ETTING: R: 2004 7.5	IA DUIN VALLEY NOT IN AN URBA SUBURBAN SEPTEKBER 10.6	AN AREA OCTOBER 18.7 18.7	DURATION UNITS: N MIN DETIN NOVEMBER AF 9.1 21.3	CAS NOWGER: LAWITUDE: 1008:1119 UTM ZONE: 1119 UTM ZONE: 1119 UTM ZONE: 119 UTM ZONE: 1009 ELEVATION - 269 ELEVATION - 269 ELEVATION - 24 DURATION: 24 HOURS NUMBER DECEMBER 61.0 9.1	36.101: -119.56 111 398607: 269015 0 0 5
SITE D: 06-031-0004 POC: 1 COUNTY: (1031) Kings SITE ADDRESS: 1520 PAYTERSON AV., CORCORAN SITE ADDRESS: 1520 PAYTERSON AV., CORCORAN SITE COMMENTS: SITE IS PRABLICE MONITOR TO 06-031-0003 WHICH IS TO WONITOR COMMENTS: SAME SEQUENTIAL SUPPORT ACENCY: (0945) San Josquin Valley Unified Air Pollution Con MONITOR TO 86: (1118) Ventura County APCD ADA JANUARY: FEBRUARY MACH APRIL MONITOR MONITOR THOUSAND AND ANALYSIS METHOD: (120) ANDERSEN PAAS2.5-300 PW2.5 SEREPCRITING ONG: (1118) Ventura County APCD ADA JANUARY: FEBRUARY MACH APCH APRIL MONITOR 1 16.6 7.8 7.8 7.0 7.8 7.0 7.8 7.0 7.1 7.8 7.0 7.1 7.8 7.0 7.1 7.8 7.0 7.1 7.8 7.0 7.1 7.8 7.0 7.1 7.8 7.0 7.1 7.8 7.0 7.1 7.8 7.0 7.1 7.8 7.0 7.1 7.8 7.0 7.1 7.8 7.0 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1	R CLOSED MID 97 rol Dist lw/W J W/W 9.1 13.6 4.0		(06) California (031) SAN JORGO D AREA: (0000) N : RESIDENTIAL SETTING: S FOR: 2004	a duta Valley Not in an urbi Suburban September 10.6	AN ARSA OCTOBER 18.7 18.7	DURATION UNITS: R MIN DETIN NOVEMBER AF 9.1 21.3	LATITUDE: LOWNITUDE: UTM NORTHING: UTM NORTHING: UTM RASTING: ELEVATION-MSI: PROBE HEIGHT: 1: 24 HOURS dicrograms/cubic mete SCIABLE: 2 DECEMBER 61.0	36.1. 1119 1319 1319 1319 1319 1319 1319 1
COUNTY: (031) Kinge CITT: (1624) Corcora SITE ADDRESS: 1550 PATERSSON AV., CORCORAN SITE COMMENTS: SITE IS PARALLEL WONITOR TO 06-031-0003 WHICH IS TO BE CLOSED MID 97 WONITOR COMMENTS: ADDRESSON SEQUENTIAL SUPPORT ACENCY: (0945) San Joaquin Valley Unified Air Pollution Control Dist WONITOR TYPE: SLAMS MONTH REPORTING ORG: (1118) Venture County APCD A JANUARY FEBRUARY MARCH AIR MAY JUNE 2 J. 16.6 3 J. 18.8 4 16.0 2 J. 18.8 2 J. 1 2 J. 18 2 J. 1 2 J. 1 3 J. 1 3 J. 1 3 J. 1 4 3 J. 1 2 J. 1 4 15.0 5 6.8 6 6 7 7 8 9 6 8 1 J. 6 1 J. 6 1 J. 6 9 7 1 J. 6 1 J. 6 1 J. 6 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9	E CLOSED MID 97 rol Dist 2 W/W 9.1 13.6 4.0		(031) SAN JORGONAL D AREA: (0000) B.: RESIDENTIAL SETTING: S FOR: 2004	A NOT IN AN URBI SUBURBAN SUBURBAN SEPTEMBER	AN AREA OCTOBER 18.7 18.7	DURATION UNITS: I MIN DEITS MOVEKBER AF 9.1 21.3	LOWGITUDE: UTM NORTHING: UTM ABSTING: ELEVATION-MSI: PROBE HEIGHT: 1: 24 HOURS ALCOGRAMS/CUDIC mete SCIABLE: 2 DECEMBER 61.0 61.0	-119 11 13398 2690 0 0 0 0 5 5 5
CITTY: (16224) COCCORAN SITE ADDRESS: 1202 PATERSON AV., CORCORAN SITE ADDRESS: 1202 PATERSON AV., CORCORAN SITE ADDRESS: 1202 PATERSON AV., CORCORAN SUNDING COMMENTS: SITE IS PRABLLEL MONITOR TO 06-031-0003 WHICH IS TO MONITOR COMMENTS: RADIOS SEQUENTIAL SUPPORT AGENCY: (1046) San Joaquin Valley Unified Air Pollution Con MONITOR TYPE: SLAMS COLLECTION AND ANALYSIS METHOD: (120) ANDERSEN RAAS2.5-300 PAG2.5 SE REPORTION AND ANALYSIS METHOD: (120) ANDERSEN RAAS2.5-300 PAG2.5 SE REPORTION AND ANALYSIS METHOD: (120) ANDERSEN RAAS2.5-300 PAG2.5 SE REPORTION AND ANALYSIS METHOD: (120) ANCH 1 16.6 2 7.8 2 7.8 3 3.7 3 3.7 4 15.0 2 25.2 3 33.7 4 AN 1 13.8 AN 1 13.8 AN 1 13.8 AN 1 12.8 AN 1 13.8 AN 1 14.8 AN 1 15.8 AN 1 15	RE CLOSED MID 97 TOJ Dist OUNE 9.1 13.6 4.0		D AREA: (001) SAN JOAQU SETTING: SETTING: AUGUST 7.5	UUN VALLEY SUBURBAN SEPTEMBER 10.6	OCTOBER 18.7 18.7 6.0	DURATION UNITS: 1 MIN DEIT MOVEKBER AE 9.1 21.3	UTM ZONE: UTM NORTHING: UTM PASTING: ELEVATION-MSI: PROBE HEIGHT: 1: 24 HOURS Aicrograms/cubic mete DECEMBER: 61.0	11 3998 2690 0 0 5 5 7 (LC)
SITE ADDRESS: 1220 COCCRAN SITE ADDRESS: 1220 COCCRAN SOUNTOR COMMENTS: 1220 COMENTS: 1200 MAILEL MONITOR TO 6-031-0003 MHICH IS TO MONITOR COOMENTS: 1200 SEQUENTIAL SUPPORT AGENCY: (0945) San Joaquin Valley Unified Air Pollution Con MONITOR TYPE: SIAMS COLLECTION AND ANALYSIS METHOD: (120) ANDERSEN RAAS2.5-300 PMZ: 5 ST REPORTING ONG: (1118) Ventura County APCD ANOTH ANOTH 1 16.6 2 7.8 2 7.8 3 3.7 3 3.7 3 3.7 3 3.7 4 3 3.0 2 28.9 4 4 16.0 2 28.9 4 A 16.0 2 28.9 4 A 16.0 4 A 17.8 4 A 16.0 4 A 17.8 4 A 16.0 4 A	R CLOSED MID 97 rol Dist OUNE 9.1 13.6 4.0		SETTING: SETTING: S FOR: 2004 AUGUST 7.5	SEPTEMBER 10.6	18.7	DURATION UNITS: 1 MIN DEIT NOVEMBER AE 9.1 21.3	UTM EASTING: UNA ELEVATION-WEL: PROBE HEIGHT: 1: 24 HOURS 41crograms/cubic mete CCTABLE: 2 DECEMBER 61.0	2690 0 0 0 5 S
SUPPORT ACENCY: (0945) San Joaquin Valley Unified Air Pollution Con MCONITOR TYPE: SLAMS COLLECTION AND ANALYSIS METHOD: (120) ANDERSEN RAAS2.5-300 PM2.5 SE REPORTING ORG: (1118) Ventura County APCD Day JANUARY FEBRUARY MARCH APRIL MAN. 1 16.6 12.0 12.8 20.1 20.1 20.1 20.1 20.1 20.1 20.1 20.1	COM	m m	7.7.	SEPTEMBER 10.6	OCTOBER 18.7 18.7	DURATION UNITS: R MIN DETIN NOVEMBER AF 9.1 21.3	PROBE HEIGHT: 1: 24 HOURS 41crograms/cubic mete CCTABLE: 2 DECEMBER 61.0	S (FC)
PONLICE TYPE: SLAMS COLLECTION AND ANNLYSIS METHOD: (120) ANDERSEN RAAS2.5-300 FWZ.5 SERPORTING ONG: (1118) Ventura County APCD Day JANUARY FEBRUARY MARCH AFRIL MAN. 1 16.6 12.0 12.8 20.1 12.8 33.7 33.7 33.7 33.7 33.7 33.7 33.7 33	CON	n m	7. 7.	SEPTEMBER 10.6	00TDBER 18.7 18.7	DURATION UNITS: I MIN DETIN NOVEMBER AF 9.1 21.3 43.5 X	1: 24 HOURS florograms/cubic mete corasis: 2 DECEMBER 61.0	E (IC)
COLLECTION AND ANALYSIS METHOD: (120) ANDERSEN RAASS.5-300 PWZ.5 SERPORTING ORG: (1118) Wentura County ADCD Day TANDRAY FEBRUARY MARCH APRIL MAN. 1 16.6 12.0 12.0 12.8 12.0 12.8 12.0 12.8 12.0 12.8 12.0 12.0 12.8 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0	ODM	, n		SEPTEMBER 10.6	OCTOBER 18.7 18.7 6.0	UNITS: R MIN DETIT NOVEMBER AF 9.1 21.3 43.5 X	vicrograms/cubic mete SCTABLE: 2 DECEMBER 61.0 29.7	(1C)
APRIL 10.8 11.8 13.8 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10	3.6	JULY AF AF 9.0 AF 8.6	AUGUST 7.5	SEPTEMBER	OCTOBER 18.7 18.7	NOVEKBER AF 9.1 21.3	8	
15.6 TABRUARY MARCH APRILL 16.6 7.8 20.1 15.0 27.8 33.7 33.7 33.0 26.2 28.9 AN 6.8 33.0 28.9 6.8	3.6	JULY AF AF B.6	AUGUST 7.5	SEPTEMBER	OCTOBER 18.7 18.7	NOVEKBER AF 9.1 21.3 43.5 X	DECEMBER 61.0 29.7	
16.6 7.8 12.8 12.8 12.8 13.1 13.8 25.5 29.4 AQ 24.0 6.8 140.0 AN	پ د د		7.5	10.6	18.7	AF 9.1 21.3 43.5 X	61.0	
16.0 27.8 20.1 12.8 37.1 25.5 33.7 13.8 26.2 29.4 AQ 28.9 24.0 6.8 40.0 AN	9 6		19.0	10.6	18.7	AF 9.1 21.3 43.5 X	61.0	
16.0 20.1 27.8 33.7 13.8 25.5 29.4 AQ 28.9 24.0 6.8 40.0 AN			19.0	10.6	18.7	9.1 21.3 43.5 X	29.7	
37.1 27.8 33.7 13.8 25.5 29.4 AQ 28.9 24.0 6.8 40.0 AN			19.0	10.6	18.7	21.3 43.5 X	29.7	
25.5 AM 26.2 13.8 25.5 29.4 AQ 28.9 24.0 6.8 40.0 AN			19.0	9.	18.7	43.5 X		
32.0 28.9 24.0 6.8 40.0 AN			19.0		0.9	43.5 X		
25.5 26.2 13.8 25.2 29.4 AQ 6.8 33.0 28.9 24.0 6.8 40.0 AN			19.0		6.0	43.5 X		
25.5 26.2 29.4 AQ 32.0 28.9 6.8 33.0 7.5 AN			19.0				17.5	
29.4 AQ 32.0 28.9 24.0 7.5 AN					,			
29.4 AQ 33.0 28.9 24.0 7.5 AN						16.8	27.3	
28.9 24.0 33.0 7.5 AN				6.5	12.7			
28.9 24.0 7.5 AN	cc cc	ď	AF			Ç	o c	
33.0 . 7.5 40.0 AN	6.7	?			28.0 €	400	0.03	
7.5								
40.0			17.7			AF	26.2	
0.00				5.8	АВ			
70	4.60	7.4	2.			34.6		
21 9.0 7.1	6.4				39.3		2	
22 35.2 AN								
24 6.1				17.3	37.3 X	8.83	40.6	
25 47.2 AF			AF					
26	4.9	10.0	r		:	49.4	30.3	
24.7 AF			•		۷ / ۰۵			
			٠			20.5	6.1	
				7.1	30.9 X			
13.3			12.5					
11 8 7. 5	4	ເກ	9	2	σ	6	10	
MAA: 47.2 29.4 33.7 13.8 1 MEAN: 29.15 15.99 21.76 10.74	13.6 9.1 9.95 6.90	8.90	19.0	17.3	39.3	30.38	61.0	
L OBSERVATIONS: 84 ANNUAL MEAN: 19.65	MAX:							

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Continue	(88101) PM2						an man	KAW DAIA KEFUKI					Mar. 21, 2007
STATE COLUMN NATION STATE STAT		LOCAL CONGI	tions									CAS NUMBER:	
SETUTE: (1051) CALIFORNIA AND URBAN AREA AND URBAN AREA AND URBAN AREA AND URBAN AREA (1001) NAT IN AN URBAN AREA	ITE ID: 06-031-		1,									LATITUDE:	36,101389
SED NII D 97 LAND DEEL RESTINGEL SIDE CHEAN AREA LAND DEEL RESTINGEL L	OUNTY: (031) KA:	sbu					AOCR		nia Monte valley			LONGITUDE:	-119,565833
STATE STATE STREETHEN STREETH STREET	ITY: (16224) Col	coran	Transport of the state of the s				URBAI	(IZED AREA: (0000)	NOT IN AN URB?	IN AREA		UTM NORTHING:	
15.5 AF 13.3 10.0 10.0 10.0 10.0 10.0 10.0 10.0	ITE COMMENTS: S ONITOR COMMENTS	ITE IS PARALLEL SANDERSON SEQUE		-0003 WHICH	IS TO BE CLOSEL	MID 97	LAND	USE: RESIDENTIA	ll Suburban			UTM EASTING: ELEVATION-MSI	
JUNE JULY AUGUST SEPTEMBER OCTOBER NOVE 8.0 AJ 10.4 12.3 11.9 5.5 AF 8.7 11.6 11.4 10.9 7.8 26.3 11.4 13.3 10.0 15.2 AM 13.9 13.3 10.0 15.2 AM 13.9 15.18 15.18 17.2 33	UPPORT AGENCY:	(0945) San Joaqu	n Valley Unified	Air Polluti	on Control Dist							PROBE HEIGHT.	
JUNE JULY AUGUST SEPTEMBER OCTOBER NOVE 8.0 AJ 10.4 12.3 11.9 8.1 11.9 6.1 6.1 8.2 AF 8.7 11.6 11.4 10.9 7.8 26.3 11.4 13.2 AM 13.9 13.3 10.0 15.2 AM 13.9 13.3 12.3 43.2 AM 17.1 13.3 12.3 43.2 7.9 4 17.1 13.3 12.3 43.2 7.9 4 17.1 13.3 12.3 43.2 77 7.79 15.18 10.68 10.02 17.22 33	ONITOR TYPE: SLA	AMS	***************************************				REP				DURATION	: 24 HOURS	;
ANTIONIST SERVINGE SERVINGE ANTIONIST	EPORTING ORG: (1118) Ventura Co	(IZU) ANDERSEN KA Inty APCD	MSZ.5-300 FR	M/M 025.2						MIN DETE	icrograms/cubic me TTABLE: 2	ter (LC)
ANNIME FERRIMAN WARCILL ANNIAL ANNI	MONTH												
### 41.0		FEBRUARY	NARCH	APRIL	MAX	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
13.8			·						12.3	11.9			
13.8	· 60	41.0	;			8.0	AJ				7.7	16.2	
10.1 34.5 13.2 13.2 13.2 13.2 13.4 13.4 13.2 13.4 13.2 13.4 13.2 13.4 13.2 13.4 13.2 13.4 13.2 13.4 13.2 13.4 13.2 13.4 13.2 13.4 13.2 13.4 13.3 14.1 13.3 12.9 13.2 13.2 13.2 13.2 13.2 13.2 14.5 13.2 13.3 13.3 13.3 13.3 13.3 13.3 13.3				5.8	8 .5					.6.1			
101 4.1	In wo	34.5	18.2								c o		
11.1 31.4 31.4 10.2 4.7 5.5 NF 9.4 11.2 11.2 11.7 57.7 NF 9.4 17.1 12.2 11.7 57.7 NF 9.4 17.1 12.2 11.7 57.7 NF 9.4 17.1 12.2 NF 9.4 17.1 13.3 12.3 13.4 13.3 12.3 13.4 13.3 13.4 13.3 13.4 13.3 13.4 13.3 13.4 13.3 13.4 13.3 13.4 13.3 13.4 13.3 13.4 13.3 13.5 13.5 13.5 13.5 13.5 13.5 13.5									8.7	11.6	7.81	7.00	
4.1 31.4 10.2 4.7 5.5 AE 11.7 57.7 12.2 11.7 57.7 15.1 12.2 11.7 57.7 15.1 12.2 11.7 57.7 15.1 12.2 12.2 11.7 15.1 12.2 12.2 14.5 15.1 15.1 15.1 15.1 15.1 15.1 15.1	80 (33.4					9.4					
22.6 A.3 (40.1) 22.6 A.3 (5.0) 25.0 A.4 (5.0) 25.0		31.4		10.2	4.7	5.5 5	AF			10.0	11.7	57.7	
15.6	11		48.1										
15.0 35.0 36.7		24.3							,		19.7		
15.0 hJ			19.7				16.4	10.9	8./	26.3			
22.0 22.0 22.0 22.0 22.0 22.0 22.0 22.0		AJ		6		8.2	17.1			:	36.7		
19.8 2.7 2.0 2.7 2.0 2.1 2.1 2.1 2.1 2.1 2.1 2.1			21.1	6.77	0.0					11.4	•		
22.0 22.0 22.0 22.0 24.5 14.9 17.6 8.1 9.4 13.3 9.4 13.3 9.4 13.3 9.4 13.3 9.4 13.3 9.4 13.3 9.4 13.3 10.0 15.2 14.6 14.0 17.5 15.5 15.5 15.6 14.0 17.5 12.0 17.5 12.0 17.6 17.8 19.10 19.		8.7									51.5	16.1	
22.0			ហ្វ					9	11.3	11.7			
24.5 24.5 3.4 17.0 8.1 10.0 15.2 P 77.8 23.3 14.2 14.9 13.5 9.0 AN 13.9 12.3 43.2 17.8 23.3 12.3 10.0 15.2 P 77.8 23.3 12.3 12.3 12.3 12.3 12.3 12.3 12.3		2.7				9.4	13.3	•			64.6	22.7	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			3.4	o./ 1	÷					43.2			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		24.5	,									23.3 X	
7.3 14.2 17.5 18.5 18.6 17.5 18.5 18.6 17.5 18.5 18.5 18.5 18.5 18.5 18.5 18.5 18			9 71						10.0	15.2			
7.3 7.6 3.5 9.0 14.0 27.0 21.6 23.5 10.0 14.0 27.0 21.6 23.6 17.1 13.3 12.3 43.2 33.24 39.08 2.5 11.0 10.12 33.24 39.08		14.2				AN	13,9	6.01			17.5	15.5 X	
24.6 24.6 10 8 10 5 5 4 4 7.1 35.0 41.0 48.1 22.9 9.0 9.4 17.1 13.3 12.3 43.2 77.8 92.5 19.15 22.66 17.50 12.00 7.26 7.78 15.18 10.68 10.02 17.2 33.24 39.0				3.5	0.6					14.0			
24.6 10 8 10 5 5 4 4 7.1 35.0 41.0 48.1 22.9 9.0 9.4 17.1 13.3 12.3 43.2 77.8 92.5 19.15 22.66 17.50 12.00 7.26 7.78 15.18 10.68 10.02 17.2 33.24 39.0	30		0.7								. 0	9	
10 8 10 5 5 4 4 5 5 5 11 10 32.5 35.0 41.0 48.1 22.9 9.0 9.4 17.1 13.3 12.3 43.2 77.8 92.5 19.15 22.66 17.50 12.00 7.26 7.78 15.18 10.68 10.02 17.22 33.24 39.0										25.8		2	
35.0 41.0 48.1 22.9 9.0 9.4 17.1 13.3 12.3 43.2 77.8 92.5 19.15 22.66 17.50 12.00 7.26 7.78 15.18 10.68 10.02 17.22 33.24 39.0			10	.5	5	4	4	Ŋ	ĸ	11	10	10	
15.15 22.66 17.50 12.00 7.26 7.78 15.18 10.68 10.02 17.22 33.24		41.0	48.1	22.9	0.6	9.4	17.1	13.3	12.3	43.2	77.8	92.5	•
		22.66	17.50	12.00	7.26	7.78	15.18	10.68	10.02	17.22	33.24	39.08	

						UNITED STAT	ES ENVIRONMEN AIR QUALITY	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR QUALITY SYSTEM DAW DATA BEFORE	AGENCY				
(10101)	(100101) Town E - I cont (1000)	Condit.	9				KAW DAIA KEPOKI	KEPOKI					Mar. 21, 2007
(10199)	PMZ.5 - LC	ocal condi	crons									CAS NUMBER:	
E ID: 06-0	ID: 06-031-0004	POC: 1	1				STATE:	(06) California	e i			LATITUDE:	36,101389
WII: (U3L) Kings	11: (U3L) Kings						AQCR:	(031) SAN JOAQUIN VALLEY	QUIN VALLEY			UTM ZONE:	11
ADDRESS:	ADDRESS: 1520 PATTERSON AV., CORCORAN	TERSON AV.,	, CORCORAN				URBANIZED	URBANIZED AREA: (0000) NOT IN AN URBAN AREA	NOT IN AN URB	AN ARSA		UTM NORTHING:	3998073
COMMENTS	COMMENTS: SITE IS PARALLEL MONITO TOR COMMENTS: ANDERSON SEQUENTIAL	PARALLEL I	MONITOR TO 06-03 NIIAL	1-0003 WHICH I	COMMENTS: SITE IS PARALLEL MONITOR TO 06-031-0003 WHICH IS TO BE CLOSED MID 97 FOR COMMENTS: ANDERSON SEQUENTIAL	1D 97	LOCATIO	H	SUBURBAN			ELEVATION-MSL:	20002
PORT AGENCY: (09	ORI AGENCY: (0945) San Joaquin Valley	San Joaqui		Unified Air Pollution Control Dist	n Control Dist			2000	÷		PROB DURATION: 24 HOURS	24 HOURS	n·
SECTION AN	ID ANALYSIS	METHOD:	DECTION AND ANALYSIS METHOD: (120) ANDERSEN RAAS2.5-300 PM2.5 SEQ w/W	AAS2.5-300 PM2	5 SEQ w/W		REPORT FOR:				UNITS: Mi	SE S	ır (IC)
JELLING ORG:	KIING OKG: (III8) VENTUKA COUNTY APCD	ventura col	inty APCD								MIN DETECTABLE:	TABLE: 2	
AY JANUARY		FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
Ag		23.9			ē					6	36.2	34.3	
•			3.1					15.2	13.1	30.0			
. 24	24.4 X	18.7		3.0	16.0	7.1	10.7				20.5	45.7	
			3.7										
	:	30.4			,						50.1	P 74.2 j	
1	x 6.71		11.3					12.7	14.2	17.8		-	
		63.8				5.6	10.4	; !			15.5	4.4	•
58	29.2 X		, ,	5.9	14.2					12.4			
		32.1	;								20.7	23.4	
AG			4					ć	11.6 a	14.0			
		8.6				11.7	12.2	7			36.7	AV	
AG				3.4	15.7					6.3			
			АН									0	
21	21.2						-		9.6	24.8	6.22	905	
			АН					12.0					
23	23.3			5.7	AF		7.97			29.8	42.0	27.2	
			AH					٠					
12	12.5	79.			AG				15.3	4 C	AN	33.3	
			АН					AQ		3			
ç		3.1		į	ţ	11.2	8.7			;	5.5	8.8	
6	?		3.7	¥	A.					32.0 a			,
					10.5							44.0	
	7	10	9	4	ហ	S	ហ	4	ıs	10	6	10	
C: 29.2	2 10	63.8	11.3	5.9	16.0	11.7	16.7	15.2	15.3	32.0	50.1	74.2	
TATAL OBSER	TAL OBSEDWATIONS.		. Italian		PARMITE AND			1 Values marked with 'P' exceed the PRIMARY STANDARD of: 65	th 'P' exceed	the PRIMARY ST.	ANDARD of: 65	66.36	
	WALLONS:	00	ANNUAL MEAN:	16.81	ANNOAL MAX:	7.4.7		1 Values marked with 'S' exceed the SECONDARY STANDARD of: 65	th 'S' exceed	the SECONDARY	STANDARD of: 65		
e: Quali	fier codes nal review	with regi	Qualifier codes with regional concurrence regional review are shown in lower case.	e are shown in An asterisk	Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region	those without that the regio							

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lote: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (""") indicates that the region has reviewed the value and does not concur with the qualifier.

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						UNITED STAT	TES ENVIRONMENTAL PROT AIR QUALITY SYSTEM RAW DATA REPORT	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR QUALITY SYSTEM RAW DATA REPORT	AGENCY				Mar. 21,
٣	(88101) PM2.5 - Local Conditions	Local Condi	tions									CAS NIMERON	
	0.00				•							LATITIDE.	37.3091
COMMITY.	SILE ID: 06-04/-25IO	FOC: 1	-				STATE:	(06) California	nia			LONGITUDE:	-120.48
CTTY	CITY: (46898) Merced						AQCR:	(031) SAN JOAQUIN VALLEY	AQUIN VALLEY			UTM ZONE:	10
SITE AL	SITE ADDRESS: 2334 "M" ST. MERCED	I" ST. MERCE	ED, CA				URBANIZ	URBANIZED AREA: (4940) MERCED, CA	MERCED, CA			UTM NORTHING:	4131943
SITE CO	SITE COMMENTS:						LAND USE:	E: COMMERCIAL				UIM EASTING:	
MONITOR	MONITOR COMMENTS: ANDERSON SEQUENTIAL	DERSON SEQUE	NTIAL				LOCATIO	LOCATION SETTING:	URBAN AND CENTER CITY	IEE CITY		ELEVATION-MSL:	0 %
SUPPORT	r AGENCY: (0945,) San Joaqu:	SUPPORT AGENCY: (0945) San Joaquin Valley Unified Air Pollution Control Dist	Air Pollution	1 Control Dist							100131	
MONITOR	MONITOR TYPE: SLAMS						REPORT FOR:	FOR: 2005			DURATION	DURATION: 24 HOURS	
COLLECT	COLLECTION AND ANALYSIS METHOD: (120) AND REPORTING ORG: (1118) Ventura County APCD	SIS METHOD: Ventura Col	COLLECTION AND ANALYSIS METHOD: (120) ANDERSEN RAAS2.5-300 PM2.5 SEQ w/W REPORTING ORG: (1118) Ventura County APCD	AS2.5-300 PM2	.5 SEQ w/W						UNITS: Microgram	UNITS: Micrograms/cubic meter (LC)	er (IC)
	MONTH		ļ !								ALM DELE		
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	AULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
٦	6.1								12.0	10.0			
01 (9.3					6.4					
n 4	7.9	9. 9.		ri Li		8.7	12.0			L	4.5	8.8	
· S			14.6	ŧ	ř. 0								
w		19.0									14.2	46.8	
۲.	4.7								9.5	9.4			
eo d			24.8	6.5				8.5					
v [8 11	29.4		9	C u	4.4	5.3			;	6.8	53.9	
1 1	2		34.0		2.0					10.9			
. 12		18.3									18.2	AF	
13	25.6	•							9.7	17.0			
14		,	8.7				;	10.7				44.8	
91	31.5	7.67				7.2	o. o			,	44.0	38.3	
17			21.4		0					4.4			
18		6.7									44.2	5.3	
19	28.1								9.7	9.6			
2 50			6.5			;		7.7					
7 6	18.7	4.7		o	o u	6.2	6.6				46.0	23.4	
23			3.0		0.					22.0			
24		17.9									48.3	AN	
25	37.9								8.5	6.6			
26			14.6				;	12.9					
7 88	. 22.9			er,	7.3	÷.c	11.7			,	22.7	6.6	
29			6.2	?	?					13.6			
30		٠									23.8	23.5	
31	32.2									19.1			
NO.	11	6	10	S	ĸ	ın	Ŋ	'n	ın		10	σ	÷
MAX:	37.9	48.6	34.0	10.4	7.3	8.7	12.0	12.9	12.0	22.0	48.3	53.9	
MEAN:	19.18	19.52	14.25	8.34	6.10	6.38	9.76	9.24	9.88	12.15	27.48	28.30	
ANNUAL	ANNUAL OBSERVATIONS:	06	ANNUAL MEAN:	16.01	ANNUAL MAX:	53.9							
Note:	Chalifier code	es with redi	ional concurrence	are shown in	pre esec recon	4,000							
	regional revie	ew are shown	regional review are shown in lower case. An asterisk ("*") indicates that the region	An asterisk ("*") indicates (that the regio							
	has reviewed t	the value an	has reviewed the value and does not concur with the qualifier.	with the qua	lifier.								

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Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

						UNITED STAT	IES ENVIRONMENTĄL PROT AIR QUALITY SYSTEM RAW DATA REPORT	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR QUALITY SYSTEM RAW DATA REPORT	AGENCY				Mar. 21, 2007	
SITE II COUNTY: CITY: (SITE AL SITE CC MONITOR	(88101) PMZ.5 - Local Conditions SITE ID: 06-047-2510 POC: 1 COUNTY: (047) Merced CITY: (46998) Merced SITE ADDRESS: 2334 'N" ST. MERCED, CASIE COMMENTS: AMDERSON SEQUENTIAL	Local Condit POC: 1 " ST. MERCED ERSON SEQUEN	lons , CA TIAL				STATE: AQCR: URBANIZED LAND USE: LOCATION S	STATE: (06) California AQCR: (031) SAN JOAQUIN VALLEY URBANIZED AREA: (4940) WERCED, CA LAND USE: COAMERCIAL LOCATION SETTING: URBAN AND G	ia OOUN VALLEY MERCED, CA URBAN AND CENTER CITY	ter city		CAS NUMBER: LATITUDE: LONGITUDE: UTM ZONE: UTM MORTHING: UTM EASTING: ELEVATION-WEL: PROBE HEIGHT:	37.309167 -120.480556 10 4131943 723284 . 0	
SUPPORT MONITOF COLLECT REPORTI	SUPPORT AGENCY: (0945) San Joaquin Valley MONITOR TYPE: SLAMS COLLECTION AND MALYSIS METHOD: (120) AND REPORTING ONG: (1118) Ventura County APOD	San Joaqui. S METHOD: (SUPPORT AGENCY: (0945) San Joaquin Valley Unified Air Pollution Control Dist MONITORY TYPE: SLAWS COLLECTION AND ANALYSIS METHOD: (120) ANDERSEN RAAS2.5-300 PM2.5 SEQ W/W REPORTING ONG! (1118) Ventura County APCD	Air Pollution S2.5-300 PM2	n Control Dist		REPORT FOR:	: FOR: 2006			DURATION: 24 HOURS UNITS: Micrograms/ MIN DETECTABLE:	DURATION: 24 HOURS UNITS: Micrograms/cubic meter (LC) MIN DETECTABLE: 2	er (LC)	•
Бау	MONTH	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	22		
1 2	3.8 a	17.6							11.6	. 15.6	25.1	36.9		
	26.5	14.8	ы и С	3.3	15.7	8.	11.0	15.8		16.9	15.9	43.0		
7 8	8.6	28.5							14.2	13.4	19.0	55.8		
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	27.5	43.8	9 1	4.1	13.4	11.1	6 ° 80 ° .	13.4		AF	13.5	ਹੈ ⁴ '	·	
13 13 14	7.0	34.7	2						11.0	13.2	19.7	16.2		
16 17 18	23.3	15.5	e c	3.5	11.4	8.5	11.3	ო •		6.1	28.1	7.8		
19 20 21	34.7	6.4	, u						10.2	12.5	27.1	32.2		
1 2 2 2 2 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4	28.5	24.6	· · · ·	8.	6.4	12.7	15.7	11.3		17.6	32.8	25.3		
25 26 27	AV	23.9	i.						15.3	12.4	29.3	42.5		
3 6 8 8 8 8	19.3	8. 5.	. s	12.1	5.1	4.7	6	v.		20.6	AF 35.3	0.0		
NO.:	61	10	σ	ır	tr	ư	u	u	и	ç		52.5		
MAX:	34.7	43.8	7.0	12.1	15.7	12.7	15.7	5 15.8 11.80	5 15.3 12.46	20.6 14.39	10 35.3 24.58	11 55.8 29.60		
ANNUAI	ANNUAL OBSERVATIONS:	68	ANNUAL MEAN:	16.47	ANNUAL MAX:	55.8								

Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

	07			_																																					
	Mar. 21, 2007		37,950833	-121.2675	1001670	0/61024	652220	6.1			r (LC)							٠																							
	.1	CAS NUMBER:	LATITUDE:	LONGITUDE:	UIM MODIFIAC.	OIM NORTHING:	UIM EASTING:	PROBE HEIGHT:		DURATION: 24 HOURS	UNITS: Micrograms/cubic meter (LC)	CIABLE: 2		DECEMBER	31.0		ć c	0.85		11.0		27.0			0.17		26.0		28.0		33.0			28.0		8.0		10	39.0	25.20	
										DURATION	UNITS: M	MIN DETECTABLE:		NOVEMBER	41.0	!		0.21		26.0		12.0		6	2		28.0		7.0		30.0			36.0		17.0		. 01	41.0	23.20	
							VIII.						. !	OCTOBER		11.0		11.0	:	,	0.6		19.0		27.0			0.9		5.0		0.6		6.0			17.0	10	27.0	11.60	
AGENCY				La MITM MALTEV	STOCKTON CP	STOCKTON, CR	TIPBAN AND CENTER CTTY							SEFIEMBER		0.6		15.0		;	0.4.1		6.0		6.0			5.0		5.0		14.0		0.6			7.0	10	15.0	00.6	
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY ANITY SYSTEM	EPORT			(06) California	ACCK: (031) SHN 30AQOIN VALLEI	Date (otto)	KESIDENTIAL ETTING:			FOR: 2004				August	0./		8.0		7.0		11.0			11.0		7.0			•		5.0		5.0		0.6		10.0	. 11	11.0	8.00	•
ES ENVIRONMENT AIR OUALITY	RAW DATA REPORT			SIAIE:	TREANIZE	den mano	LAND USE			REPORT FOR:				1700	10.0			0.27		8.0		0.6		0 01			7.0		7.0		10.0			12.0		8.0		10	12.0	9.30	
UNITED STAT														DOME	0.6		ď	2		5.0		0.6	٠	. 0	;		0.6		10.0		8.0			0.9		8.0		10	10.0	7.80	41.0
											SAMPLER W/W.			· Two		11.0		6.0		c	?		0.9		0.6		;	0.9		7.0		10.0		7.0			0.8	10	11.0	7.70	ANNUAL MAX:
							MIING		ard		P MODEL 2000 PM2.5 SAMPLER w/W	ri D	11000	T T T T T T T T T T T T T T T T T T T		0.6		7.0		9	2.51		0.6		6.0			5.0		7.0		10.0		13.0			11.0	10	13.0	9.00	13.19
		ions				LON	SITE COMMENTS: ARB SITE NUMBER 3900252 STILL OPERATING	MONITOR COMMENTS: PM2.5 R&P SEQUENTIAL SAMPLER	SUPPORT AGENCY: (0145) California Air Resources Board		(117) R & P MODEL	REPORTING ORG: (0145) California Air Resources Board	- activ		¥	8.0	7.0		17.0		8.0			16.0		10.0					0.		0.6		10.0		7.0	11	17.0	10.00	ANNUAL MEAN:
		ocal Condit	Poc: 1	nin		-HD, STOCK	E NUMBER 3	5 R&P SEQUE	California		S METHOD:	California	200000			11.0		30.0		-	2		34.0		27.0			2.0		14.0		11.0		7.0				6	34.0	10.67	122
		(88101) PM2.5 - Local Conditions	SITE ID: 06-077-1002	COUNTY: (077) San Joaquin	CITY: (75000) Stockton	SITE ADDRESS: HAZELTON-HD, STOCKTON	MENTS: ARB SIT	COMMENTS: PM2.	AGENCY: (0145)	MONITOR TYPE: SLAMS	COLLECTION AND ANALYSIS METHOD: (117) R &	G ORG: (0145)	MONTH		2		23.0		31.0		14.0			25.0		28.0		0 15			94.0		14.0		14.0		5.0	11	32.0	21.18	ANNUAL OBSERVATIONS:
		88)	SITE ID:	COUNTY:	CITY: (7	SITE ADD	SITE COM	MONITOR	SUPPORT	MONITOR	COLLECTI	REPORTIN			1 (2)	ო	-44 π∪		7	œ c	10	11	12	13	15	16	17	8 6	20	21	23	24	25	26	28	29	31	NO.:	MAX:	MEAN:	ANNUAL

						UNITED STAT	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY ALL SYSTEM	AL PROTECTION SYSTEM	AGENCY				
							RAW DATA REPORT	EPORT				2	Mar. 21, 200
3)	(88101) PM2.5 - Local Conditions	ocal Conditi	ons									CAS NUMBER:	
SITE IL	SITE ID: 06-077-1002	POC: 1					e Ho					LATITUDE:	37.950833
COUNTY	COUNTY: (077) San Joaquin	nin					AQCR:	(031) SAN JOAQUIN VALLEY	OUIN VALLEY			UTM ZONE:	-121.26/5
SITE AD	CIII: (/3000) Stockton	TAJOES OF	2				URBANIZE	URBANIZED AREA: (8120) STOCKTON, CA	STOCKTON, CA			UTM NORTHING:	4201570
SITE CO	SITE COMMENTS: ARB SITE NUMBER 3900252 STILL OPERATING	E NUMBER 39	000252 STILL OPE	RATING			LAND USE	LAND USE: RESIDENTIAL				UIM EASTING:	652220
MONITOR	MONITOR COMMENTS: PM2.5 R&P SEQUENTIAL SAMPLER	5 R&P SEQUEN	NTIAL SAMPLER				LOCATION	LOCATION SETTING:	URBAN AND CENTER CITY	ER CITY		ELEVATION-MSL:	0 4
SUPPORT	SUPPORT AGENCY: (0145) California	California	Air Resources Board	bard								1	d: :
MONITOR	MONITOR TYPE: SLAMS			1			REPORT FOR:	FOR: 2005			DURATION: 24 HOURS	24 HOURS	
REPORTI	COLECTION AND ANALISTS WEITHOU: (11/) K & F WODEL ZU REPORTING ORG: (0145) California Air Resources Board	california A	ir Resources Boa	ard ard	SAMPLER W/W						MIN DETECTABLE:	UNIIS: Micrograms/cubic meter (LC) MIN DETECTABLE: 2	(pro)
	MONTH												
Day	JANUARY F	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	4.0			14.0	5.0				13.0	6.0			
~ ~		:	11.0					0.6			6.0		
m <		44.0		•	ī	0.6	13.0		;		6.0	0.9	
r is	0.71		10.0	· *	0.,			c c	0.8	4.0			
9		7.0				6.0	8.0	<u>:</u>			13.0	37.0	
7	7.0			4.0	4.0				18.0	i3.0			
0 0			23.0					13,0					
o 5		16.0			•	5.0	4.0				7.0	28.0	
11	0.1		0 61	2.0	4.0				0.6	13.0			
12		22.0				. 0.9	AF	0.41			12.0	2	
13	19.0			3.0	8.0	!			0.6	17.0	2		
14			5.0					11.0					
15		13.0				0.6	AF				11.0	43.0	
16	27.0		6	8.0	7.0				8.0	4.0			
7 81		6	13.0			c u		AF				c	
19	17.0	?		4.0	6.0	•	2		10.0	. 0.7	32.0	7.0	
20			4.0					10.0		•			
21		3.0				0.9	10.0				46.0	34.0	
23	0.61		5.0	11.0	7.0		0.6	12.0	12.0	12.0			
24		12.0				0.8	10.0				31.0	14.0	
25	32.0			7.0	11.0				0.6	5.0			
26			8.0			,	;	16.0					
28	. 9	T 8 · 0		ŗ	0 1	0.0	11.0		ų.		12.0	12.0	`
29			7.0	· ·			2	0.6	0.01	AN			
30		٠	4.0			11.0	14.0				21.0	28.0	
31	24.0				11.0					15.0			
NO.:	11	6	11	10	11	10	10	6	10	10	11	10	
MAX: MEAN:	32.0	16.00	23.0 9.91	14.0	7.00	11.0	14.0	16.0	18.0	17.0	46.0	63.0	
ANNUAL	ANNUAL OBSERVATIONS:	122	ANNUAL MEAN:	12,51	ANNUAL MAX:	63.0							
Note:	Oualifier codes with region	with region		are shown i	al concurrence are shown in upper case, and those without	those without	,						
				1	***** *****	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							

Page 107 of 143

UNITS: Micrograms/cubic meter (LC)

DURATION: 24 HOURS

MIN DETECTABLE: 2

21.0

19.0

15.0

18.0

ELEVATION-MSL: UIM ZONE: UIM NORTHING: UIM EASTING:

LONGITUDE:

PROBE HEIGHT:

Page 108 of 143

47.0

4.0

7.0

SITE II COUNTY; CITY; ('	SIIE ID: 06-077-1002 POC: 1 COUNTY: (077) San Joaquin CIIY: (75000) Stockton SIIE ADDRESS: HAZELION-HD, STOCKTON	POC: 1 iin -HD, STOCKTON					STATE: AQCR: URBANIZ	00 ~	nia AQUIN VALLEY STOCKTON, CA	
SITE CC MONITOR	SITE. COMMENTS: ARB SITE NUMBER 3900252 STILL OPERATING MONITOR COMMENTS: PM2.5 R&P SEQUENTIAL SAMPLER	E NUMBER 3901 5 R&P SEQUENT	0252 STILL OPE TAL SAMPLER	RAIING			LAND USE: LOCATION 9	LAND USE: RESIDENTIAL LOCATION SETTING:	L URBAN AND CENTER CITY	ER CITY
SUPPORT MONITOR COLLECT	SUPPORT AGENCY: (0145) California Air Resources Board WONITOR TYPE: SLAMS COLLECTION AND MARALYSIS METHOD: (117) R & P MODEL 2000 PMZ:5 SAMPLER W/W	California A. S METHOD: (11	ir Resources B.	oard . 2000 PM2.5 S	AMPLER W/W	•	REPORT FOR:	FOR: 2006		
NEFONT.	MONTH	dillofina Al	r kesources bo	ara						
Day	JANUARY FI	FEBRUARY	MARCH	APRIL	MAY	JUNE	JOLY	AUGUST	SEPTEMBER	OCTOBER
н (17.0			;	6.0	8.0			-
u m) #		5.0		13.0			12.0	11.0	7.0
4		14.0				5.0	0.6			
ıs v	30.0		c L	4.0	14.0			;	11.0	7.0
۰ ۲		22.0	0.6			0.6	0.6	0.8		
00	7.0			4.0	12.0				11.0	11.0
ο .			6.0	٠				13.0		
07 11	38.0	42.0		4	0 21	10.0	8.0			:
12			6.0) #	0.61			11.0	0.61	11.0
13		22.0				6.0	7.0			
1.4	0.6		0.7	0.9	13.0			d	12.0	11.0
16		11.0	•			6.0	10.0	0.6		
17	22.0			4.0	12.0				10.0	5.0
8 F		o	3.0			6		12.0		
50	22.0			10.0	7.0	2.	0.11		0	0.40
21			8.0					10.0		•
22		25.0		ć	c c	0.6	12.0		;	
24	0.74		8.0	0.6	0.8			13.0	10.0	0.67
25		35.0				10.0	13.0			
26	8.0		9	11.0	0.9			;	17.0	14.0
28		5.0	0.01			8.0	0.6	5		
29	11.0			8.0	6.0				18.0	20.0
31			12.0	•			7.0	12.0		
NO.:	10	10	10	10	10	10	11	10	10	10
MAX:	38.0	42.0	12.0	11.0	15.0	14.0	13.0	13.0	. 19.0	20.0
MEAN:	16.80	20.20	7.00	6.70	10.60	8.30	9.36	10.90	12.70	12.20
ANNOAL	OBSERVATIONS:	122	ANNUAL MEAN:	13.12	ANNUAL MAX:	47.0				
Note:	Qualifier codes with regional concurrence are shown in upper case, and those without recional review are shown in lower case. An asterisk (**") indicates that the region	with regiona are shown in	al concurrence	are shown in An asterisk (are shown in upper case, and those without An asterisk ("*") indicates that the radion	those without				
	has reviewed the value and does not concur with the qualifier	e value and d	does not concur	r with the qua	lifier.		ŧ			

(88101) PM2.5 - Local Conditions

Mar. 21, 2007 37.950833 -121.2675 10 4201570 652220

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

							AIR QUALITY SYSTEM	Y SYSTEM					
							RAW DATA REPORT	REPORT					Mar. 21, 2007
(8)	(88101) PM2.5 - Local Condition	ocal Condity	ions									CAS NUMBER:	
SITE ID:	SITE ID: 06-099-0005	POC: 1					!					LATITUDE:	37.641667
COUNTY:	COUNTY: (099) Stanislaus		٠				STATE:	(06) California	nia			LONGITUDE:	-120.993611
CILX: (4	CITY: (48354) Modesto						URBANIZ	URBANIZED AREA: (5170) MODESTO. CA	MODESTO, CA			UIM NOBTHING	4167746
SITE ADI	SITE ADDRESS: 814 14TH ST., MODESTO	ST., MODES	SITE ADDRESS: 814 14TH ST., MODESTO				LAND USE:	E: COMMERCIAL				UIM EASTING:	
MONTHOP	MONITOD COMMENTS: AKE SILE NUMBER SUUGS8; NEW S	A DEP SECUE	UUUSBS. NEW SIIE	.19-61-			LOCALIO	12	URBAN AND CENTER CITY	ER CITY		ELEVATION-MSL:	
NO. THE	CONTRACTO: FIRE.	TONE SENOR	NITTHE OWNERS									PROBE HEIGHT:	5.5
SUPPORT	AGENCY: (0145)	California	SUPPORT AGENCY: (0145) California Air Resources Board	ard							NOTERGING	Supply 24 House	
MONITOR	MONITOR TYPE: SLAMS						REPORT FOR:	FOR: 2004			DOKALLON	24 nooks	
COLLECT:	COLLECTION AND ANALYSIS METHOD: (117 REPORTING ORG: (0145) California Air	S METHOD: (California A	COLLECTION AND ANALYSIS METHOD: (117) R & P MODEL 2000 PM2.5 SAMFLER w/W REPORTING ORG: (0145) California Air Resources Board	2000 PM2.5 :	SAMPLER w/W			:			UNITS: Microgram	UNITS: Micrograms/cubic meter (LC) MIN DETECTABLE: 2	er (LC)
	MONTH												
Day	> :	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
٦,	0.71		11.0			;	,	0.9					
۷ ۳				,	ď	0.8	0.0		c a	. :	43.0	38.0	
) 4	0.61		0.9	2	2			7.0		0.11			
S.						5.0	11.0				15.0 ,	48.0	
· ·		30.0		7.0	6.0				13.0	11.0			
- α	32.0		13.0				6	8.0			ć		
o 0		11.0		12.0	4.0	?			12.0	0.4	0.27	0.01	
10	15.0		6.0					0.6	:	:			
11						7.0	8.0				13.0	28.0	
12		45.0	;	8.0	5.0				4.0	10.0			
13	30.0		14.0			c u	c a	10.0			, c		
15		29.0		6.0	AF		•		7.0	53.0	797	63.0	
16	29.0		7.0					6.0	:				
17	٠					10.0	6.0				28.0	39.0	
18		4.0	· ·	4.0	3.0				4.0	0.9			•
20	0.2±		0.7		0.9	c	c	0.8			6	000	
21		14.0		0.9	5.0) ; ;			6.0	8.0	2	2	
22	31.0		0.6			r		5.0					
2.4		10.0		0.6	8.0	2			15.0	13.0	32.0	24.0	
25	18.0		0.8					4.0					
26				;		4.0	0.6		4	4	41.0	25.0	
28	21.0	2.	10.0	0.11	0.4			c «	0.6	0.6			
29						8.0	7.0				38.0	0.6	
30				8.0	0.9				8.0	19.0			
31	5.0		5.0					0.6					
NO.:	11		11	10	10	10	10	11	10	10	10	10	
MAX:	42.0	45.0	14.0	12.0	0.6	10.0	11.0	10.01	15.0	53.0	43.0	48.0	
MEAN:	23.55	17.67	8.73	7.80	5.80	6.70	7.90	7.27	8.60	14.40	26.80	28.20	
ANNUAL	ANNUAL OBSERVATIONS:	122	ANNUAL MEAN:	13.57	ANNUAL MAX:	53.0							
Note:	Qualifier codes	s with regio	Note: Qualifier codes with regional concurrence are shown in upper case, and those without	are shown in	upper case, and	those without				*			

ote: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

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						UNITED STATE	SS ENVIRONMENTAL PROT AIR QUALITY SYSTEM RAW DAIA REPORT	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR QUALITY SYSTEM RAW DATA REPORT	AGENCY				Mar. 21, 2007
8)	(88101) PM2.5 - Local Conditions	cal Conditi	ons									CAS NUMBER:	
SITE ID	SITE ID: 06-099-0005 COUNTY: (099) Stanislaus	POC: 1					STATE: AQCR:	(06) California (031) SAN JOAOUIN VALLEY	ia OUIN VALLEY			LATITUDE: LONGITUDE: UTM ZONE:	37.641667 -120.993611 10
SITE AD SITE CO	CLIX: [48234] Modesto SITE ADDRESS: 814 14TH ST., MODESTO SITE COMMENTS: ARE SITE NUMBER 5000568. NEW S MONTRO COMMENTS: DAY E DEL DOCHMANTS	SI., MODES:	TO 100568, NEW SITE	NEW SITE 7-15-81.			URBANIZED LAND USE: LOCATION S	URBANIZED AREA: (5170) MODESTO, CA LAND USE: COMMERCIAL LOCATION SETTING: URBAN AND CE	MODESTO, CA URBAN AND CENTER CITY	ER CITY		UTM NORTHING: UTM EASTING: ELEVATION-MSL:	4167746 677022 0
STIPPORT	MONITOR COMMENTS: FMZ.5 K&F SEQUENITAL SAMPLER SHIPPORT AGENCY. (0145) California bir becommes Beard	California	Wild SampleR	, <u>, , , , , , , , , , , , , , , , , , </u>								PROBE HEIGHT:	2.5
MONITOR COLLECT REPORTIN	MONITOR TYPE: SLAWS COLLECTION AND ANALYSIS METHOD: (117) R & P HODEL 200 REPORTING ORG: (0145) California Air Resources Board	METHOD: (& P WODEL 2000 PM2.5 SAMPLER W/W ources Board	SAMPLER W/W		REPORT FOR:	FOR: 2005			DURATION: 24 HOU UNITS: Microgram	DURATION: 24 HOURS UNITS: Micrograms/cubic meter (LC) MIN DEFECTABLE: 2	r (IC)
	MONTH												
Day		FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
٦ 7	0.0		0.6	20.0	4.0			, v	11.0	0.9			
m	é	53.0	:			8.0	12.0				6.0	0.9	
4 m	18.0		0 41	4.0	6.0			0	8.0	5.0			
o vo		0.6				5.0	6.0	0.00			15.0	55.0	
7	7.0			4.0	3.0				10.0	11.0		}	-
യ ഗ		0 10	29.0			•		11.0			ć		
10	12.0	0.1		5.0	5.0	4.0	0.4		8.0	12.0	0.6	39.0	
11			23.0					15.0		2			
12		31.0				6.0	8.0				10.0	0 08 d	
13	27.0		C.	AK	7.0			ç	7.0	17.0			
15		15.0			,	0.6	8.0	12.0			13.0	45.0	
16	42.0			8.0	6.0				8.0	5.0			
17			19.0			,	,	12.0					
19	25.0	10.0		3.0	5.0	5.0	0.6		σ		41.0	10.0	
20			4.0		•			11.0		2			
21	ć	3.0		4		5.0	0.6				61.0	34.0	
7 2 7 7 7 3 3	0.12		4.0	ə. n	2.0			13.0	13.0	17.0			
24		13.0				7.0	11.0				37.0	15.0	•
25	30.0			5.0	11.0			;	8.0	0.9			
27		17.0	13.0			5.0	10.0	13.0			15.0	16.0	
28	0.9			4.0	0.9				14.0	11.0	!	:	
53	-		8.0					7.0					
30	29.0				10.0	10.0	10.0			15.0	23.0	32.0	
NO.:	11	6	10	6	11	10	10	10	10	11	10	10	
MAX:	42.0	53.0	29.0	20.0	11.0	10.0	12.0	15.0	14.0	17.0	61.0	80.0	
MEAN:	77.07	19.11	12.90	68.9	6.18	6.40	8.70	10.80	9.60	10.45	23.00	33.20	
ANNUAL	ANNUAL OBSERVATIONS:	121	ANNUAL MEAN:	13.93	ANNUAL MAX:	80.0	E 74	lues marked wi	I values marked with P. exceed the PKIMARY STANDARD of: 65	the PRIMARY ST	I values marked with 'P' exceed the PRIMARY STANDARD of: 65		
Note:	Qualifier codes	with regio	nal concurrence	are shown in	Qualifier codes with regional concurrence are shown in upper case, and those without	those without		Thes marked wi	ri s. exceed	the secondary	STANDARD OF 5 63		
	regional review	are shown	in lower case.	An asterisk	regional review are shown in lower case. An asterisk ("*") indicates that the region	that the region							
	nda reviored en	פ אמדתם מוויי	does not content	With the yu	alitier								

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2000	Mar. 21, 2007		LONGITUDE: -120.993611 UIM ZONE: 10		UTM EASTING: 677022 ELEVATION-MSL: 0		24 HOURS	UNITS: Micrograms/cubic meter (LC)	ABLE: 2		DECEMBER.	0.07	C 11 P		P 71.0		7.0		32.0		C			44.0	(23.0		0.55		5.0		54.0		71.0	11
	٠				٠		DURATION: 24 HOURS	UNITS: Mic	MIN DETECTABLE:	The state of the s	NOVEMBER 24 0		0	·	19.0		15.0		0 00	2	0 [6	2	ć	23.0	6	0.22		0.62		7.0			1.0	25.0	
					TER CITY					and CHOO	OCTOBER	10.0		12.0		19.0		13.0		5.0		5.0		18.0		19.0		16.0	-	5	0.17		10	21.0	
A AGENCY			(031) SAN JOAQUIN VALLEY) MODESTO, CA	URBAN AND CENTER CITY					THE CONTRACTOR OF	37777	12.0		12.0		13.0		21.0 p		12.0		12.0		9.0		0.6		16.0					1.0	21.0	
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR QUALITY SYSTEM RAW DATA REPORT	REFORT		(031) SAN JOAQUI	PRI;	LOCATION SETTING:		3000	REPORT FOR: 2006		Folk			13.0	٠	0.8		13.0	;	12.0		0.8		12.0		10.0		11.0		8.0		13.0		10	13.0	
AIES ENVIRONMENTAL PRO AIR QUALITY SYSTE RAW DATA REPORT	WWW DAIN	THE SECOND	AQCR:	URBANI	LOCATION :			REPOR		>	5		0.98		9.0		8.0		0.6		0.6			75.0				o. #		0.6		5.0	11	26.0	
UNITED STA							-			antir	0 7	·	4.0		7.0		10.0		5,0		7.0		6	0.51	9	2	-	0.44		0.6			10	12.0	
		-						SAMPLER w/W		>ex		12.0		12.0		0.6		12.0		12.0	•	11.0		7.0		6.0		5.0		0.6	;		10	9.10	
					SITE 7-15-81.		Board	DEL 2000 PM2.5 SAMPLER w/W	Board	APRTI.		8.0		4.0		5.0		4.0		0.9		4.0		7.0		8.0		12.0		0.8			10	12.0	
	ions				000568. NEW SI	NIIAL SAMPLER	SUPPORT AGENCY: (0145) California Air Resources Board MONITOR TYPE: SIAMS	COLLECTION AND ANALYSIS METHOD: (117) R & P MODE		MARCH			5.0	. 1	0.0		9	c	0.7		7.0		5.0		8.0		7.0		11.0		11.0		11 0	7.20	
	Local Condit	POC: 1	laus	TH SI., MODES	SITE NUMBER 5	MZ.5 K&P SEQUE	i5) California	(SIS METHOD: () California	FEBRITARY	21.0		16.0		22.0		52.0		27.0		13.0		15.0	2	33.0		42.0			8.0			10	24.90	
	(88101) PMZ.5 - Local Conditions	SITE ID: 06-099-0005	COUNTY: (099) Stanislaus CITY: (48354) Modesto	SITE ADDRESS: 814 14TH SI., MODESTO	SITE COMMENTS: ARB SITE NUMBER 5000568, NEW	MONITOR COMMENIS: PMZ.5 K&P SEQUENTIAL SAMPLER	SUPPORT AGENCY: (014	TION AND ANAL	REPORTING ORG: (0145) California Air Resources	MONTH		7.0		37.0		8.0		38.0		10.0		26.0		33.0		21.0		16.0		13.0			10	20.90	
	_	SITE	COUNTY (SITE A	SITE C	MONTEO	SUPPOR	COLLEC	REPORT	Dav	,		w 4	so v	7	0 0 0	, 51	11	13	14	15 16	17	18	20	21	23	2.5	56	27	28	30	31	NO. :	MEAN:	

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							RAW DATA REPORT	REPORT					Mar. 21, 2007
8)	(88101) PM2.5 - Local Conditions	Local Condit	tions									CAS NUMBER:	
SITE ID	SITE ID: 06-107-2002	POC: 1	1				CTBTE	2 min	4			LATITUDE:	36.332222
COUNTY:	COUNTY: (107) Tulare							(מפון המדודת	DTG.			LONGITUDE:	-119.290278
CITY: (8	CITY: (82954) Visalia						ACCK:	ACCR: (USI) SAN JOAQUIN VALLEY URBANIZED AREA: (8779) VISALIA. CA	(USL) SAN JOAQUIN VALLEY PAREA: (8779) VISALIA, CA			UTM ZONE:	11
SITE AD	SITE ADDRESS: 310 N CHURCH ST, VISALIA	CHURCH ST, V.	ISALIA				ST CINET	Tellowers and				OIM NOVIETNO.	
SITE CO MONITOR	SITE COMMENTS: ARB SITE NUMBER 5400568. NEW MONITOR COMMENTS: PM2.5 ANDERSON-300 SEQUENT	ITE NUMBER 5:	SITE COMMENTS: ARB SITE NUMBER 5400568. NEW SITE 7/19. S MONITOR COMMENTS: PMZ.5 ANDERSON-300 SECHENITAL SAMPLER	7/79. SPM SO: AMPLER	SITE 7/19, SPM SO2, NO2 DAIA FROM THIS SITE BEFORE 1, MANN USE: COUNTER. TIAL SAMPLER	THIS SITE BE	FORE 1, LOCATIC	N SETTING:	URBAN AND CENTER CITY	IER CITY		UIM EASTING: ELEVATION-MSL:	294430
												PROBE HEIGHT:	5.7
MONITOR	SUPPORT AGENCY: (0145 MONITOR TYPE: SLAMS	5) California	SUPPORT AGENCY: (0145) California Air Resources Board MONITOR TYPE: SLAMS	pard			6	2004			DURATION	DURATION: 24 HOURS	
COLLECT	ION AND ANALYS	SIS METHOD: 1	COLLECTION AND ANALYSIS METHOD: MULTIPLE METHODS				REFOR	REFORT FOR:			UNITS: M	UNITS: Micrograms/cubic meter (LC)	er (LC)
REPORTI	NG ORG: (0145)) California	REPORTING ORG: (0145) California Air Resources Board	ard							MIN DETECTABLE:	CTABLE: 2	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAX	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
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ø		25.0		0.6	10.0				AF	19.0		!	
۲ ,	27.0		36.0					11.0		20.0			
		90		6	c r	5.0	8.0		16.0		28.0	13.0	
10	27.0	0.02	36.0	0.87	0.7			Ç	16.0	ΑĒ			
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18		13.0		8.0	5.0				6.0	11.0	40.0	2	
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MAX:	54.0	27.0	39.0	28.0	16.0	14.0	20.0	12.0	16.0	29.0	57.0	0.09	
MEAN:	28.00	16.00	24.82	12.80	9.30	9.80	11.30	9.57	10.71	18.18	27.91	24.20	
ANNUAL	ANNUAL OBSERVATIONS:	: 117	ANNUAL MEAN:	17.50	ANNUAL MAX:	0.09							
Note:	Onelifier cod	to with	Onalifiar codes with regions! consumments are shown in waves and those without										

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Part	Second Color Seco						UNITED STAT	ES ENVIRONMENTAL PROT	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY	AGENCY				
THE THE PARTY NAME AND THE PARTY	THE THE PARTY NAME OF THE PART							RAW DATA	REPORT					Mar. 21, 200
NATIONAL MANANAL MANAN	Note	(88101) PM2.5 -	Local Condi	itions									CAS NUMBER:	
PACES PACE	Particle	SITE ID: 06-107-2002											LATITUDE:	36.332222
THE SCOTE IN CORPORATION NALLING AND CORPORATION NALLING AND AND CORPORATION NALLING AND CORPORATION N	THE SCOLA NO. 2 DATA IN THE STITE SERVING 1. LAND USES COMPENDED WILLIED AND LAND USES COMPENDED WITH LAND WILLIED AND LAND USES COMPENDED WITH LAND W	COUNTY: (107) Tulare						SIRIE	(06) Californ	ııa			LONGITUDE:	-119.29027
Max	No. 20, No.	CITY: (82954) Visalia						AUCK	ADD NAS (ISI)	WOLN VALLEY			UTM ZONE:	
IN SO2, NOZ DINTA FROM THIS SITIS BEROORE 1, LAND OSSI THISSELLING SETTINGS. TOWARD AND CRAFTER CITY REPORT FOR 1 2005 1, LAND OSSI THISSELLING SETTINGS. TOWARD AND CRAFTER CITY REPORT FOR 1 2005 1 12.0	NAX	SITE ADDRESS: 310 N	CHURCH ST, 1					OKDANIA.	and America (8779)	VISALIA, CA			OTM NORTHING:	
MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVE 9.0 11.0 11.0 14.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15	MAX JUNE JULY ANGUST SEFTEMBER OCTOBER NOVE 9.0 11.0 14.0 16.0 15.0 15.0 8.0 6.0 14.0 16.0 13.0 18.0 18.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19	SITE COMMENTS: ARB S.	ITE NUMBER :	5400568. NEW SITE	7/79. SPM SC	2. NO2 DATA FROM	THIS SITE BEFC	ORE 1, LACATION	N SETTING.		PER CTTV		DIM EASTING:	
1. MAY JUNE JULY ANGUST SEFTEMBER OCTOBER NOWE 8.0 9.0 11.0 14.0 15.0 15.0 15.0 5.0 17.0 10.0 AF 12.0 13.0 13.0 13.0 4.0 18.0 3.0 13.0 13.0 13.0 13.0 13.0 6.0 9.0 25.0 15.0 13.0 13.0 13.0 13.0 14.0 18.0 19.0 17.0 13.0 13.0 13.0 13.0 14.0 17.0 1 17.0 1 15.0 13.0 13.0 13.0 14.0 17.0 1 17.0 1 15.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	11. MAX JUNK AUGIST SEPTEMBER OCTOBER NOVE 8.0 9.0 11.0 14.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15	MONITOR COMMENTS: PM	2.5 ANDERSON	N-300 SEQUENTIAL S	AMPLER								PROBE HEIGHT:	
11. MAX JUNE JUNE AUGUST SEPTEMBER OCTOBER NOVE 8.0 9.0 11.0 14.0 15.0 16.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15	ELI MAX JUNE JULY AUGUST SERTEMBER OCTOBER NOVE 8.0 9.0 11.0 14.0 12.0 15.0 15.0 15.0 5.0 17.0 16.0 16.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	SUPPORT AGENCY: (0145	5) Californi	a Air Resources Bo	bard									
11. RAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVE 8.0 9.0 11.0 14.0 16.0 15.0 15.0 5.0 8.0 8.0 10.0 17.0 11.0 11.0 11.0 11.0 11.0 11	11. MAY JUNE JULY AUGUST SEEPTEMBER OCTOBER NOVE 8.0 9.0 11.0 14.0 16.0 13.0 13.0 13.0 5.0 8.0 6.0 8.0 14.0 12.0 13.0 13.0 13.0 4.0 18.0 28.0 28.0 15.0 13.0 13.0 13.0 13.0 6.0 9.0 28.0 15.0 15.0 13.0 13.0 13.0 13.0 6.0 9.0 17.0 P 16.0 13.0 13.0 14.0 15.0 14.0 15.0 13.0 11.0 10.0 17.0 19.0 15.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	MONITOR TYPE: SLAMS						TRDORT				DURATION	: 24 HOURS	
11. MAX JUNE JULX AUGUST SEPTEMBER OCTOBER NOVE 8.0 9.0 11.0 14.0 12.0 8.0 9.0 11.0 14.0 15.0 12.0 13.0 13.0 13.0 11.0 14.0 15.0 15.0 15.0 14.0 14.0 14.0 14.0 14.0 15.0 13.0 13.0 23.0 5.0 9.0 25.0 15.0 15.0 15.0 14.0 15.0 14.0 16.0 23.0 14.0 14.0 14.0 15.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0 14	11. MAX JUNE JULX AUGUST SERPEMBER OCTOBER NOVE 8.0 9.0 11.0 14.0 12.0 8.0 9.0 9.0 13.0 11.0 6.0 14.0 16.0 13.0 13.0 19.0 19.0 19.0 5.0 8.0 14.0 12.0 12.0 12.0 13.0 19.0 19.0 14.0 9.0 25.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 14.0 9.0 17.0 p 10.0 17.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19	COLLECTION AND ANALYS	SIS METHOD:	MULTIPLE METHODS								UNITS: M	icrograms/cubic me	er (IC)
Note	Note March	REPORTING ORG: (0145)) California	a Air Resources Boa	ard							MIN DETE	TABLE: 2	
Managan	AND MANALY FERRINARY ARRELINARY ARRELINA	HINOM												
1.00 1.00	10.0 10.0		FEBRUARY		APRIL	MAY	JUNE	ממדא	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
10.0 20.0 12.0	10.0 25.0 12.0	1 6.0			8.0	0.6				16.0	0.51			
NA 14.0	10.0 10.0			12.0					12.0))	2			
10.0 10.0 10.0 17.0 17.0 18.0 19.0	10.0 1.0	m	29.0				11.0	14.0				0.6	22.0	*
M. 46.0 18.0 11.0 11.0 11.0 12.0 15.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18	NA 46.0 18.0 11.0 11.0 11.0 16.0 16.0 16.0 16.0 16				5.0	17.0				8.0	0.6			
Main	46.0			18.0	11.0				16.0					
	NA 36.0		46.0				0.9	14.0				22.0	54.0	
8.0	8.0				5.0	8.0				13.0	18.0			
No.	No.	80 (,	30.0					12.0					
NE SOLO AND	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		36.0		;	c L	0.9	8.0		:		17.0		
AF AJ 10.0 AF 15.0<	Nathern Residence Nathern Residence Nathern Residence Nathern Residence National Re			0.03	W.	0.0				11.0	13.0			
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23.0 1.0 17.0 17.0 17.0 17.0 17.0 17.0 17.	23.0			3.0	22.0	13.0				19.0	34.0			
32.0 AP 10.0 17.0 P 19.0 17.0 P 19.0 17.0 P 19.0 16.0 F 75.0 C 25.0 F 75.0 C 25.0 F 75.0 F 75	32.0 AF 9.0 17.0 p 10.0 17.0 19.0 14.0 16.0 5.75 2.1 12.	. 52	23.0	0.1			, 01	0 21	19.0				6	
22.0 AF 10.0 17.0 19.0 AJ 17.0 AJ 17.0 BJ.0 BJ.0 12.0 AJ 17.0 BJ.0 BJ.0 BJ.0 BJ.0 BJ.0 BJ.0 BJ.0 BJ	5.0 AP 10.0 17.0 AJ 17.0 AJ 17.0 AJ 17.0 AJ 17.0 BJ 17				0.6	17.0 p	•			14.0	16.0		0.#7	
S.0 S.0 A.0 B.0	22.0 4.0 9.0 17.0 17.0 18.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17	56		AF					19.0					
5.0 7.0 4.0 9.0 AJ 20.0 21.0 15.0 AJ 20.0 27.0 20.0 AJ 20.0 20.0 AJ 30.0 25.13 17.70 10.09 11.36 10.20 15.4 13.70 19.0 19.0 37.0 84.0 AJ 10.08SERVATIONS: 117 ANNUAL MEAN: 18.69 ANNUAL MAX: 84.0 3 Values marked with P' exceed the PRIMARY STANDARD 0f: 65	5.0 7.0 4.0 9.0 AJ 20.0 20.0 15.0 15.0 15.0 15.0 15.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27		22.0				10.0	17.0				AJ	12.0	
20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0	20.0 AJ 25.0 EV.O BAJ 21.0 BAJ 25.0 EV.O BAJ 25.0 EV.O BAJ 25.0 EV.O BAJ 25.0 EV.O BAJ 27.0 EV.O BAJ 27.0 EV.O EV.O EV.O EV.O EV.O EV.O EV.O EV.O				4.0	0.6				17.0	18.0			
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8 8 10 11 11 10 10 9 10 11 9 9 32.0 35.0 35.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0 1	32.0 46.0 50.0 23.0 18.0 21.0 25.0 19.0 9 10 11 9 84.0 15.00 25.13 17.70 10.09 11.16 10.20 16.30 15.44 13.70 19.09 11.16 10.20 16.30 3.41 18.70 19.09 11.16 10.20 16.30 3.41 18.70 19.56 37.0 3.41 18.69 ANNUAL MAX: 84.0 3.41 18.0 \$\$ \$\$ \$					14.0	21.0	15.0			35.0	29.0	27.0 AJ	
32.0 46.0 50.0 23.0 18.0 21.0 25.0 19.0 35.0 35.0 79.0 84.0 15.00 25.13 17.70 10.09 11.36 10.20 16.30 15.34 13.70 19.36 36.56 37.0 GRERWATIONS: 117 ANNUAL MEAN: 18.69 ANNUAL MAX: 84.0 3 Values marked with P' exceed the PRIMARY STANDARD Of: 65	32.0 46.0 50.0 23.0 18.0 21.0 25.0 19.0 35.0 79.0 64.0 15.0 25.13 17.70 10.09 11.66 10.20 16.30 15.44 13.70 19.09 79.0 64.0 25.13 17.70 18.69 ANNUAL MAX: 84.0 3.40 Searched with 15' exceed the PRIMARY STANDARD of 65 30.0 37.0 3.0 3.0 3.0 3.0 3.0 37.0 65.0 37.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3		80	10	11	11	10	10	σ	10	11	6	10	
15.00 25.13 17.70 10.09 11.36 10.20 16.30 15.44 13.70 19.36 36.56 COSERVATIONS: 117 ANNUAL MEAN: 18.69 ANNUAL MAX: 84.0 3 Values marked with 'P' exceed the PRIMARY STANDARD of: 65	15.00 25.13 17.70 10.09 11.36 10.20 16.30 15.44 13.70 19.36 36.56 LOBSERVATIONS: 117 ANNUAL MEAN: 84.0 3 Values marked with 'P' exceed the PRIMARY STANDARD of: 65 3 Values marked with 'S' exceed the SECONDARY STANDARD of: 65		46.0	20.0	23.0	18.0	21.0	25.0		19.0	35.0	0.67	84.0	
117 ANNUAL MEAN; 18.69 ANNUAL MAX: 84.0	L GESENVATIONS: 117 ANNUAL MEAN: 18.69 ANNUAL MAX: 84.0		25.13	17.70	10.09	11.36	10.20		15.44	13.70	19.36	36.56	37.00	
		ANNUAL OBSERVATIONS		ANNUAL MEAN:	18.69	ANNUAL MAX:	84.0	3 4	alues marked wi	ith 'P' exceed	the PRIMARY SI	ANDARD of: 65		

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The control of the	STATE COLOR STATE STAT							UNITED STAT	IES ENVIRONMENTAL PROT AIR QUALITY SYSTEM	UNITED STATES ENVIRONMENTAL PROIECTION AGENCY AIR QUALITY SYSTEM	AGENCY				
14 14 14 14 14 14 14 14	Color Colo								RAW DATA	REPORT					Mar. 21, 2007
Automotive bold Automotive	Automitie Auto	(88)	.01) PM2.5 - I	ocal Condit	ions									CAS NUMBER:	
Characteristic Char	The color	SITE ID:	06-107-2002	POC: 1					in the second		1			LATITUDE:	36.332222
Column C	1.00 1.00	COUNTY: (107) Tulare						, and a	(00) CRITICEI	OHLY WALLEY			TONGITODE:	113.4904/8
1. See 1	1.00 1.00	CITY: (82	954) Visalia						URBANIZI	ED AREA: (8779)	VISALIA, CA			OLM ZONE:	4023031
1. May 1	1. May 1	SITE ADDE	ESS: 310 N CE	HURCH ST, VI					T.AND IIS	E- COMMERCIAL				THE PROPERTY.	100700
MAX JUNE JULY ANGUEST SEPTEMBER OCTOBER NOVE 15.0		SITE COMP	TENTS: ARB SIT	S ANDERSON-	00568. NEW SITE	7/79. SPM SO.	2. NOZ DATA FROM	THIS SITE BEF	ORE 1, LOCATION	N SETTING:		ER CITY		ELEVATION-MSL	0 :
Incompanies The Paris Th	11. MAY JUNE JULY ANGUST SERFERGER NOTOBER NOT													PROBE HEIGHT:	5.7
11. MAY JUNE JUNY ANGUST SEPTEMBER OCTOBER NOVE 2.0 AJ 13.0 12.0 23.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15	11. MAY JUNE JUNE AUGUST SEPTEMBER OCTOBER NOVE 7.0 16.0 13.0 12.0 20.0 16.0 33.0 16.0 33.0 16.0 16.0 16.0 16.0 16.0 16.0 16.0 16	SUPPORT A	GENCY: (0145)	California	Air Resources B	Soard							DURATION	1: 24 HOURS	
11. MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVE 2.0 AJ 10.0 23.0 20.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0 1	11	COLLECTIC	N AND ANALYSI	S METHOD: M					REPORT				UNITS: N	ficrograms/cubic met	er (IC)
National Part National Par	Note State	REPORTING	ORG: (0145)	California,	Air Resources Bo	ard							MIN DETE	CIABLE: 2	
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AL OBSERVATIONS: 119 ANNUAL WEAR: 18.94 ANNUAL WAX: 65.0 1 Values marked with 12 second the PRIMARY STANDARD of 65 to 1 Values marked with 12 second the PRIMARY STANDARD of 65 to 1 Values marked with 12 second the PRIMARY STANDARD of 65 to 1 Values marked with 15 second the 15 second the STANDARD of 65 to 1 Values marked with 15 second the 1	21.64 28.00 11.22 10.00 15.00 12.70 15.64 14.00 17.78 20.36 30.70 GBSERVATIONS: 119 ANNUAL MEAN: 18.94 ANNUAL MEAN: 65.0 1 Values marked with 'P' exceed the PRIMARY STANDARD of: 65 Qualifier codes with regional concurrence are shown in under case, and those without	MAX	34.0	65.0	20.0	23.0		30 0	23.0	7 00		17 0		07 0	
L OBSERVATIONS: 119 ANNUAL WEAN: 18.94 ANNUAL WAX: 65.0 1 Values marked with 'P' exceed the PRIMARY STANDARD of 65	OBSERVATIONS: 119 ANNUAL MEAN: 18.94 ANNUAL MAX: 65.0 I Values marked with 'P' exceed the PRIMARY STANDARD of: 65 (Qualifier codes with regional concurrence are shown in upper case, and those without	MEAN	21.64	28.50	11.22	10.00	15.00	12.70	15.64	14.40	17.78	20.36	30.70	27.60	
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	Qualifier codes with regional concurrence are shown in upper case, and those without	ANNOAL	DESERVATIONS:	119	ANNUAL MEAN:	18.94	ANNUAL MAX:	65.0		in bodiem souls	101 4+	A CECONDANA	CHANDADA -6.		

AGENCY		
NITED STATES ENVIRONMENTAL PROTECTION AGENCY	AIR QUALITY SYSTEM	RAW DATA REPORT
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Mar. 21, 2007

Critical Criteria Requirement LECTED MITS NOT CALCULAIE) RESULTS RESULTS TY FLAGS OF SPEC. JT OF SPEC.	Onsliftian Dagawithtian	QUALIFIER CODES:
Itical Criteria Requirement TIED TS INITS OT CALCULATE) AIRS FIRS FIRS FIRS FIRS FIRS OF SPEC. OF SPEC.	Qualifier Description	Qualifier Type
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TIED LINITS LINITS OT CALCULATE) RESULTS RESULTS Flags F SPEC. OF SPEC. OF SPEC.	outlier	OA
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OT CALCULATE) RESULTS AIRS F. PSEC. OF SPEC.	SAMPLE TIME OUT OF LIMITS	NOLL
OT CALCULATE) RESULTS AIRS F. Plags F. SPEC. OF SPEC.	SAMPLE FLOW RATE OUT OF LIMITS	NULL
RESULTS AIRS Flags F SPEC. OF SPEC. OF SPEC.	INSUFFICIENT DATA (CANNOT CALCULATE)	NOLL
RESULTS AIRS FLEGS F. SPEC. OF SPEC. OF SPEC.	ILTER DAMAGE	NULL
RESULTS AIRS F. SPEC. OF SPEC.	TLIER LEAK	NULL
RESULTS AIRS Flags F SPEC. OF SPEC.	FOLDED BY OPERATOR	NULL
AIRS AIRS Flags F. SPEC. OF SPEC. OF SPEC.	IISCELLANEOUS VOID	NULL
RESULTS AIRS AIRS FLESC. OF SPEC.	ACHINE MALFUNCTION	NULL
RESULES AIRS Flags F SPEC. OF SPEC.	OLLECTION ERROR	NOTE
AIRS AIRS Flags F. SPEC. OF SPEC. OF SPEC.	AB ERROR	NULL
AIRS Plags F. SPEC. OF SPEC. OF SPEC.	OOR QUALITY ASSURANCE RESULTS	NULL
AIRS Flags F SPEC. OF SPEC.	ONITORING WALVED	NOTE
AIRS Flags F SPEC. OF SPEC. OF SPEC.	OWER FAILURE (POWR)	NULL
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Flags. F. SPEC. OF SPEC. OF SPEC.	AINTENANCE/ROUTINE REPAIRS	NOLL
Flags F SPEC. OF SPEC. OF SPEC.	UILDING/SITE REPAIR	NULL
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OF SPEC.	LOW RAIE AVERAGE OUT OF SPEC.	. Oa
OF SPEC.	ILIER TEMPERATURE DIFFERENCE OUT OF SPEC.	40
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	IIGH WINDS	NAI
	OREST FIRE	NAT
	ONSTRUCTION/DEMOLITION	EX
	COFING OPERATIONS	EX
	PRESCRIBED BURNING	EX

Qualifier codes with regional concurrence are shown in upper case, and those without regional concurrence are shown in lower case.

Qualifier Code

Mar. 21, 2007

End Date

Selection Criteria Page 1

UNITES STATE	UNITES STATES ENVIRONMENTAL PROTECTION AGENCY	PROTECTION AGE	NCY	
User ID: IJN	RAW DATA REPORT			
Report Request ID: 415418 Report Code:	e: AMP350			
	GEOGRAPHI	GEOGRAPHIC SELECTIONS		
Tribal State County Site Parameter POC City AQCR U	UAR MSA CN	EPA CMSA Region	Method Duration . Begin Date	Ä
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