

APPENDIX A ADDENDUM**A.6 RESULTS USING PRELIMINARY 2007 REAL-TIME 24-HOUR PM_{2.5} DATA**

The District used real-time non-Federal Reference Method BAM data to calculate preliminary 2007 24-hour PM_{2.5} 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 PM_{2.5} standard when the average of the annual 98th percentile PM_{2.5} 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 PM_{2.5}. 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 PM_{2.5} 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” PM_{2.5} NAAQS (Table A-13) except Clovis, Bakersfield-Golden, and Bakersfield-California. Once the official 2007 Federal Reference Method PM_{2.5} data is available, typically no earlier than July 1st, 2008, the District will perform the necessary 24-hour and annual PM_{2.5} attainment calculations and determine the designation status.

Table A-13 24 - hour PM_{2.5} 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	§	§	39.0	§
Modesto	55.0	52.0	64.0	57
Turlock	§	§	58.0	§
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 PM_{2.5} 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.