Appendix B Detailed SJV Monitoring Site Information

Sites organized by County, alphabetical therein:

Site name	**Clovis – Villa**
AIRS #	60195001
County	Fresno
Reporting Agency	SJVAPCD
Site Start Date	9/1/90
Pollutant Parameters	Ozone, PM10 FRM, PM2.5 BAM/FEM, PM2.5 FRM, CO, NO2, NMHC, NMOC (PAMS)
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, barometric pressure, solar radiation
Address	908 N. Villa Av, Clovis CA 93612
Latitude	36.81944
Longitude	-119.716
Elevation	86
Location	Portable building in lot
Distance to road	500 m + (east)
Traffic Count	4876
Ground Cover	Paved

Clovis – Villa (1 of 3)				
Pollutant	**Ozone**	**PM10 FRM**	**PM2.5 FRM**	**PM2.5 BAM**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population	Population	Population	Population
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research support	Standards/strategy, research support	Timely/public
Sampling method (List Instrument)	400 E	Sierra Andersen	Andersen 300	Met One 1020
Analysis method	UV	Gravimetric	Gravimetric	Beta attenuation
Start date	1/1/1990	1/1/1990	1/1/1990	4/26/2005
Operation schedule (e.g. 1:1, 1:3)	1:1	1:6	1:6, 1:3	1:1
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	7.5 m	7.0 m	7.0 m	7.0 m
Distance from supporting structure (meters)	4.5 m	0.25 m	6.5 m	4.0 m
Distance from obstructions on roof	____	_____	N/A	_____
Distance from obstructions not on roof (meters)	32.0 m	31.5 m	29.5 m	31.0 m
Distance from trees (meters)	24.5 m	27.5 m	22.0 m	25.0 m
Distance to furnace or incinerator flue (meters)	16.0 m	15.5 m	19.0 m	17.0 m
Distance between collocated monitors (meters)	_____	3.7 m	2.5 m	2.5 m
Unrestricted airflow (degrees)	355	355	355	355
Probe material (Teflon, etc..)	TEFLON	_____	_____	ALUMINUM
Residence time (seconds)	12.6	_____	_____	_____
Frequency of flow rate verification for manual PM samplers audit	_____	Quarterly	Monthly	_____
Frequency of flow rate verification for automated PM analyzers audit	_____	_____	_____	Bi-weekly
Frequency of one-point QC check (gaseous)	1:1	_____	_____	_____
Last Annual Performance Evaluation (gaseous)	9/17/2008	_____	_____	_____
Last two semi-annual flow rate audits for PM monitors	_____	9/17/2008, 3/16/2009	9/17/2008, 5/21/2009	9/17/2008, 5/21/2009

Clovis – Villa (2 of 3)				
Pollutant	**CO**	**NO2**	**NMOC (PAMS)**	**NMHC**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population	High concentration	Population	Population
Monitor objective	Standards/strategy	Standards/strategy, research	Research	Research
Sampling method (List Instrument)	48i-TLE	42C	"910A	55
Analysis method	IR	CL	925"	GC
Start date	1/1/1990	1/1/1990	GC	1/1/1990
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1	1/1/1990	1:1
Sampling season	ALL YEAR	ALL YEAR	1:3	ALL YEAR
Probe height (meters)	7.5 m	7.5 m	JUN-JUL-AUG	7.5 m
Distance from supporting structure (meters)	4.5 m	4.5 m	6.5 m	4.5 m
Distance from obstructions on roof	____	____	0.25 m	____
Distance from obstructions not on roof (meters)	32.0 m	32.0 m	____	32.0 m
Distance from trees (meters)	24.5 m	24.5 m	33.5 m	24.5 m
Distance to furnace or incinerator flue (meters)	16.0 m	16.0 m	28.0 m	16.0 m
Distance between collocated monitors (meters)	_____	_____	13.5 m	____
Unrestricted airflow (degrees)	355	355	____	355
Probe material (Teflon, etc..)	TEFLON	TEFLON	350	TEFLON
Residence time (seconds)	11.6	11.6	S. STEEL	_____
Frequency of flow rate verification for manual PM samplers audit	_____	_____	_____	_____
Frequency of flow rate verification for automated PM analyzers audit	_____	_____	_____	_____
Frequency of one-point QC check (gaseous)	1:1	1:1	_____	1:1
Last Annual Performance Evaluation (gaseous)	9/17/2008	9/17/2008	_____	_____
Last two semi-annual flow rate audits for PM monitors	_____	_____	_____	_____

Clovis – Villa (3 of 3)	
Pollutant	**Met Parameters**
Spatial scale	Regional
Site type	General
Monitor objective	Research, timely/public
Sampling method (List Instrument)	ITP-125-125 HV, OT-06A-2, BP-090D, RH-HMP45D, SRD-Mod.8-48, WD-020C, WS-010B
Analysis method	_____
Start date	1/1/1990
Operation schedule (e.g. 1:1, 1:3)	1:1
Sampling season	ALL YEAR
Probe height (meters)	9.6 m
Distance from supporting structure (meters)	2.7 m
Distance from obstructions on roof	_____
Distance from obstructions not on roof (meters)	29.5 m
Distance from trees (meters)	25.5 m
Distance to furnace or incinerator flue (meters)	_____
Distance between collocated monitors (meters)	_____
Unrestricted airflow (degrees)	360
Probe material (Teflon, etc..)	_____
Residence time (seconds)	_____
Frequency of flow rate verification for manual PM samplers audit	_____
Frequency of flow rate verification for automated PM analyzers audit	_____
Frequency of one-point QC check (gaseous)	_____
Last Annual Performance Evaluation (gaseous)	_____
Last two semi-annual flow rate audits for PM monitors	_____

Site name	**Fresno – Drummond**
AIRS #	6019007
County	Fresno
Reporting Agency	SJVAPCD
Site Start Date	7/1/84
Pollutant Parameters	Ozone, PM10 FRM, CO, NO2
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure
Address	4706 E. Drummond Street, Fresno CA 93725
Latitude	36.70556
Longitude	-119.741
Elevation	120
Location	Portable building in parking lot
Distance to road	42.5 m (north), 121 m (east)
Traffic Count	600
Ground Cover	Paved

Fresno – Drummond (1 of 2)				
Pollutant	**Ozone**	**PM10 FRM**	**CO**	**NO2**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population, regional transport	Population	Population	High concentration
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research support	Standards/strategy	Standards/strategy
Sampling method (List Instrument)	400 E	Sierra Andersen	48	42C
Analysis method	UV	Gravimetric	IR	CL
Start date	7/1/1984		7/1/1984	7/1/1984
Operation schedule (e.g. 1:1, 1:3)	1:1	1:6	1:1	1:1
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	8.5 m	6 m	8.5 m	8.5 m
Distance from supporting structure (meters)	_____	10.5 m	_____	_____
Distance from obstructions on roof	_____	0.5 m	_____	_____
Distance from obstructions not on roof (meters)	_____	5 m	_____	_____
Distance from trees (meters)	25 m	24 m	25 m	25 m
Distance to furnace or incinerator flue (meters)	23.5 m	23 m	23.5 m	23.5 m
Distance between collocated monitors (meters)	_____	_____	_____	_____
Unrestricted airflow (degrees)	360	260	360	360
Probe material (Teflon, etc..)	TEFLON	_____	TEFLON	TEFLON
Residence time (seconds)	12.8	_____	12.6	12.9
Frequency of flow rate verification for manual PM samplers audit	_____	Quarterly	_____	_____
Frequency of flow rate verification for automated PM analyzers audit	_____	_____	_____	_____
Frequency of one-point QC check (gaseous)	1:1	_____	1:1	1:1
Last Annual Performance Evaluation (gaseous)	2/3/2009	_____	2/3/2009	2/3/2009
Last two semi-annual flow rate audits for PM monitors	_____	1/6/2009, 2/3/2009	_____	_____

Fresno – Drummond (2 of 2)	
Pollutant	**Met parameters**
Spatial scale	Regional
Site type	General
Monitor objective	Research, timely/public
Sampling method (List Instrument)	ITP-125-125 HV, OT-060A-2, BP-090D, WD-020C, WS-010C
Analysis method	_____
Start date	10/7/2004
Operation schedule (e.g. 1:1, 1:3)	1:1
Sampling season	ALL YEAR
Probe height (meters)	10 m
Distance from supporting structure (meters)	_____
Distance from obstructions on roof	_____
Distance from obstructions not on roof (meters)	_____
Distance from trees (meters)	25 m
Distance to furnace or incinerator flue (meters)	23 m
Distance between collocated monitors (meters)	_____
Unrestricted airflow (degrees)	360
Probe material (Teflon, etc..)	_____
Residence time (seconds)	_____
Frequency of flow rate verification for manual PM samplers audit	_____
Frequency of flow rate verification for automated PM analyzers audit	_____
Frequency of one-point QC check (gaseous)	_____
Last Annual Performance Evaluation (gaseous)	_____
Last two semi-annual flow rate audits for PM monitors	_____

Site name	**Fresno – First**
AIRS #	60190008
County	Fresno
Reporting Agency	ARB
Site Start Date	1/1/90
Pollutant Parameters	Ozone, PM10 FRM, PM10 BAM, PM2.5 FRM, PM2.5 BAM, CO, NO2, SO2, toxics
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, barometric pressure
Address	3425 N. First St, Fresno CA 93726
Latitude	36.78194
Longitude	-119.773
Elevation	98
Location	
Distance to road	75 m
Traffic Count	3000
Ground Cover	

Fresno – First (1 of 3)				
Pollutant	**Ozone**	**PM10 FRM**	**PM10 BAM**	**PM2.5 FRM**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population	High concentration	High concentration	High concentration
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research support	Timely/public	Standards/strategy, research support
Sampling method (List Instrument)	API/Teledyne 400	Andersen SA1200	Met One 1020	R&P 2025
Analysis method	UV	Gravimetric	Beta Attenuation	Gravimetric
Start date				
Operation schedule (e.g. 1:1, 1:3)	1:1	1:6	1:1	1:1
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)				
Distance from supporting structure (meters)				
Distance from obstructions on roof				
Distance from obstructions not on roof (meters)	None	None	None	None
Distance from trees (meters)	None	None	None	None
Distance to furnace or incinerator flue (meters)	None	None	None	None
Distance between collocated monitors (meters)	--	--	--	--
Unrestricted airflow (degrees)	360	360	360	360
Probe material (Teflon, etc..)	Teflon	Teflon	Teflon	Teflon
Residence time (seconds)	4.3	--	--	--
Frequency of flow rate verification for manual PM samplers audit	--	Once a Month	--	Once a Month
Frequency of flow rate verification for automated PM analyzers audit	--	--	Twice a Month	--
Frequency of one-point QC check (gaseous)	Twice a month	--	--	--
Last Annual Performance Evaluation (gaseous)	9/16/2008	--	--	--
Last two semi-annual flow rate audits for PM monitors	--	9/16/2008	9/16/2008	9/16/2008

Fresno – First (2 of 3)				
Pollutant	**PM2.5 BAM**	**CO**	**NO2**	**SO2**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	High concentration	Population	Population	Population
Monitor objective	Timely/public	Standards/strategy	Standards/strategy	Standards/strategy
Sampling method (List Instrument)	MetOne 1020	Dasibi 3008	TECO 42, 42C	TECO 43A, 43B, 43C
Analysis method	Beta Attenuation			
Start date				
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1	1:1	1:1
Sampling season	All year	All year	All year	All year
Probe height (meters)				
Distance from supporting structure (meters)				
Distance from obstructions on roof				
Distance from obstructions not on roof (meters)	None	None	None	None
Distance from trees (meters)	None	None	None	None
Distance to furnace or incinerator flue (meters)	None	None	None	None
Distance between collocated monitors (meters)	1.5	--	--	--
Unrestricted airflow (degrees)	360	360	360	360
Probe material (Teflon, etc..)	Teflon	Teflon	Teflon	Teflon
Residence time (seconds)	--	4.8	5.7	6
Frequency of flow rate verification for manual PM samplers audit	--	--	--	--
Frequency of flow rate verification for automated PM analyzers audit	Twice a month	--	--	--
Frequency of one-point QC check (gaseous)	--	Twice a month	Twice a month	Twice a month
Last Annual Performance Evaluation (gaseous)	--	9/16/2008	9/16/2008	9/16/2008
Last two semi-annual flow rate audits for PM monitors	9/16/2008	--	--	--

Fresno – First (3 of 3)		
Pollutant	**Toxics**	**Met parameters**
Spatial scale	Neighborhood	Regional
Site type	Population	General
Monitor objective	Timely/public	Research, timely/public
Sampling method (List Instrument)	Xentech	
Analysis method	--	
Start date		
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1
Sampling season	All year	All year
Probe height (meters)		
Distance from supporting structure (meters)		
Distance from obstructions on roof		
Distance from obstructions not on roof (meters)	None	None
Distance from trees (meters)	None	None
Distance to furnace or incinerator flue (meters)	None	None
Distance between collocated monitors (meters)	--	--
Unrestricted airflow (degrees)	360	360
Probe material (Teflon, etc..)	Teflon	Teflon
Residence time (seconds)	4.3	4.3
Frequency of flow rate verification for manual PM samplers audit	--	--
Frequency of flow rate verification for automated PM analyzers audit	--	--
Frequency of one-point QC check (gaseous)	Twice a month	--
Last Annual Performance Evaluation (gaseous)	9/18/2008	--
Last two semi-annual flow rate audits for PM monitors	--	--

Site name	**Fresno – Pacific**
AIRS #	60195025
County	Fresno
Reporting Agency	SJVAPCD
Site Start Date	1/1/00
Pollutant Parameters	PM2.5 FRM
Meteorological Parameters	none
Address	1716 Winery, Fresno CA 93726
Latitude	36.72639
Longitude	-119.733
Elevation	95
Location	On school roof
Distance to road	62.0 m (north), 52.0 m (east)
Traffic Count	2539
Ground Cover	Roof material

Fresno – Pacific	
Pollutant	**PM2.5 FRM**
Spatial scale	Neighborhood
Site type	Population
Monitor objective	Standards/strategy, research support
Sampling method (List Instrument)	Andersen 300
Analysis method	GRAVI-METRIC
Start date	1/1/2000
Operation schedule (e.g. 1:1, 1:3)	1:1
Sampling season	ALL YEAR
Probe height (meters)	8.0 m
Distance from supporting structure (meters)	6.0 m
Distance from obstructions on roof	54.5 m
Distance from obstructions not on roof (meters)	_____
Distance from trees (meters)	76.0 m
Distance to furnace or incinerator flue (meters)	_____
Distance between collocated monitors (meters)	_____
Unrestricted airflow (degrees)	360
Probe material (Teflon, etc..)	_____
Residence time (seconds)	_____
Frequency of flow rate verification for manual PM samplers audit	MONTHLY
Frequency of flow rate verification for automated PM analyzers audit	_____
Frequency of one-point QC check (gaseous)	_____
Last Annual Performance Evaluation (gaseous)	_____
Last two semi-annual flow rate audits for PM monitors	12/12/2008, 2/5/2009

Site name	**Fresno – Sierra Skypark**
AIRS #	60190242
County	Fresno
Reporting Agency	SJVAPCD
Site Start Date	7/1/86
Pollutant Parameters	Ozone, CO, NO2
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity
Address	4508 Chennault Ave, Fresno CA 93722
Latitude	36.84056
Longitude	-119.874
Elevation	98
Location	Portable building
Distance to road	11.5 m (west)
Traffic Count	100
Ground Cover	Gravel

Fresno – Sierra Skypark				
Pollutant	**Ozone**	**CO**	**NO2**	**Met Parameters**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Regional
Site type	Population, regional transport	Population	Population	General
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy	Standards/strategy	Research, timely/public
Sampling method (List Instrument)	400E	48	42C	ITP-125-125 HV, OT-06A-2, WD-020C-1, WS-010C
Analysis method	UV	IR	CL	____
Start date	7/1/1986	7/1/1986	7/1/1986	7/1/1986
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1	1:1	1:1
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	4 m	4 m	4 m	5 m
Distance from supporting structure (meters)	____	____	____	____
Distance from obstructions on roof	____	____	____	____
Distance from obstructions not on roof (meters)	5 m / 16 m	5 m / 16 m	5 m / 16 m	5 m / 16 m
Distance from trees (meters)	27 m / 20 m	27 m / 20 m	27 m / 20 m	27 m / 20 m
Distance to furnace or incinerator flue (meters)	____	____	____	____
Distance between collocated monitors (meters)	____	____	____	____
Unrestricted airflow (degrees)	280	280	280	280
Probe material (Teflon, etc..)	TEFLON	TEFLON	TEFLON	____
Residence time (seconds)	10.0	9.4	10.1	____
Frequency of flow rate verification for manual PM samplers audit	____	____	____	____
Frequency of flow rate verification for automated PM analyzers audit	____	____	____	____
Frequency of one-point QC check (gaseous)	1:1	1:1	1:1	____
Last Annual Performance Evaluation (gaseous)	2/2/2009	2/2/2009	2/2/2009	2/2/2009
Last two semi-annual flow rate audits for PM monitors	____	____	____	____

Site name	**Huron**
AIRS #	*pending*
County	Fresno
Reporting Agency	SJVAPCD
Site Start Date	12/28/06
Pollutant Parameters	PM2.5 BAM
Meteorological Parameters	none
Address	16875 4th Street, Huron, CA 93234
Latitude	36.583
Longitude	-119.5
Elevation	
Location	In school room
Distance to road	202 m (west), 99.5 m (north)
Traffic Count	1205
Ground Cover	Paved/vegetated

Huron	
Pollutant	**PM2.5 BAM**
Spatial scale	Neighborhood
Site type	Population
Monitor objective	Timely/public
Sampling method (List Instrument)	Anderson
Analysis method	BETA-ATTENUATION
Start date	Q3-2009
Operation schedule (e.g. 1:1, 1:3)	1:1
Sampling season	ALL YEAR
Probe height (meters)	4.5 m
Distance from supporting structure (meters)	1.5 m
Distance from obstructions on roof	_____
Distance from obstructions not on roof (meters)	_____
Distance from trees (meters)	41.5 m
Distance to furnace or incinerator flue (meters)	_____
Distance between collocated monitors (meters)	_____
Unrestricted airflow (degrees)	270
Probe material (Teflon, etc..)	ALUMINUM
Residence time (seconds)	_____
Frequency of flow rate verification for manual PM samplers audit	_____
Frequency of flow rate verification for automated PM analyzers audit	BI-WEEKLY
Frequency of one-point QC check (gaseous)	_____
Last Annual Performance Evaluation (gaseous)	_____
Last two semi-annual flow rate audits for PM monitors	_____

Site name	**Parlier**
AIRS #	60194001
County	Fresno
Reporting Agency	SJVAPCD
Site Start Date	1/1/06
Pollutant Parameters	Ozone, NO2, NMOC (PAMS), NMHC
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, barometric pressure, solar radiation
Address	9240 S. Riverbend Av, Parlier CA 93648
Latitude	36.59722
Longitude	-119.504
Elevation	115
Location	Portable building in university field
Distance to road	500 m+ (north)
Traffic Count	8700
Ground Cover	Gravel/vegetated

Parlier (1 of 2)				
Pollutant	**Ozone**	**NO2**	**NMOC (PAMS)**	**NMHC**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	High concentration, regional transport	Population	Population	Population
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research	Research	Research
Sampling method (List Instrument)	400 E	42C	910A	55C
Analysis method	UV	CL	GC	GC
Start date	3/1/1983	3/1/1983	3/1/1983	3/1/83
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1	1:3	1:1
Sampling season	ALL YEAR	ALL YEAR	JUN-JUL-AUG	ALL YEAR
Probe height (meters)	9.0 m	9.0 m	7.0 m	9.0 m
Distance from supporting structure (meters)	_____	_____	_____	_____
Distance from obstructions on roof	_____	_____	_____	_____
Distance from obstructions not on roof (meters)	_____	_____	_____	_____
Distance from trees (meters)	_____	_____	12.5 m	_____
Distance to furnace or incinerator flue (meters)	_____	_____	_____	_____
Distance between collocated monitors (meters)	_____	_____	_____	_____
Unrestricted airflow (degrees)	360	360	270	360
Probe material (Teflon, etc..)	TEFLON	TEFLON	S. STEEL	TEFLON
Residence time (seconds)	13.6	13.3	_____	12.9
Frequency of flow rate verification for manual PM samplers audit	_____	_____	_____	_____
Frequency of flow rate verification for automated PM analyzers audit	_____	_____	_____	_____
Frequency of one-point QC check (gaseous)	1:1	1:1	_____	1:1
Last Annual Performance Evaluation (gaseous)	3/23/2009	3/23/2009	_____	_____
Last two semi-annual flow rate audits for PM monitors	_____	_____	_____	_____

Parlier (2 of 2)	
Pollutant	**Met Parameters**
Spatial scale	Regional
Site type	General
Monitor objective	Research, timely/public
Sampling method (List Instrument)	ITP-125-125 HV, OT-06A-2, BP-092, RH-HMP45D, SRD-Mod.8-48, WD-020C, WS-010C
Analysis method	_____
Start date	3/1/83
Operation schedule (e.g. 1:1, 1:3)	1:1
Sampling season	ALL YEAR
Probe height (meters)	9.5 m
Distance from supporting structure (meters)	_____
Distance from obstructions on roof	_____
Distance from obstructions not on roof (meters)	_____
Distance from trees (meters)	_____
Distance to furnace or incinerator flue (meters)	_____
Distance between collocated monitors (meters)	_____
Unrestricted airflow (degrees)	360
Probe material (Teflon, etc..)	_____
Residence time (seconds)	_____
Frequency of flow rate verification for manual PM samplers audit	_____
Frequency of flow rate verification for automated PM analyzers audit	_____
Frequency of one-point QC check (gaseous)	_____
Last Annual Performance Evaluation (gaseous)	_____
Last two semi-annual flow rate audits for PM monitors	_____

Site name	**Arvin**
AIRS #	60295001
County	Kern
Reporting Agency	SJVAPCD and ARB
Site Start Date	6/1/89
Pollutant Parameters	Ozone, NO2, NMOC (PAMS), NMHC
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, barometric pressure, solar radiation
Address	20401 Bear Mountain Blvd, Arvin CA 93203
Latitude	35.20861
Longitude	-118.776
Elevation	617
Location	Portable building
Distance to road	95 m (north)
Traffic Count	2200
Ground Cover	Sand/gravel

Arvin (1 of 2)				
Pollutant	**Ozone**	**NO2**	**NMOC (PAMS)**	**NHMC**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	High concentration, regional transport	Population	Population	Population
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research	Research	Research
Sampling method (List Instrument)	400 E	42C	42C	55C
Analysis method	UV	CL	CL	GC
Start date	6/1/1989	6/1/1989	6/1/1989	7/1/1994
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1	1:1	1:1
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	7.4 m	7.4 m	7.4 m	7.4 m
Distance from supporting structure (meters)	____	____	____	____
Distance from obstructions on roof	____	____	____	____
Distance from obstructions not on roof (meters)	____	____	____	____
Distance from trees (meters)	15.5 m	15.5 m	15.5 m	16.0 m
Distance to furnace or incinerator flue (meters)	____	____	____	____
Distance between collocated monitors (meters)	____	____	____	____
Unrestricted airflow (degrees)	350	350	350	350
Probe material (Teflon, etc..)	TEFLON	TEFLON	TEFLON	TEFLON
Residence time (seconds)	11.1	9.3	9.3	9.3
Frequency of flow rate verification for manual PM samplers audit	____	____	____	____
Frequency of flow rate verification for automated PM analyzers audit	____	____	____	____
Frequency of one-point QC check (gaseous)	1:1	1:1	1:1	1:1
Last Annual Performance Evaluation (gaseous)		12/2/2008	12/2/2008	____
Last two semi-annual flow rate audits for PM monitors	____	____	____	____

Arvin (2 of 2)	
Pollutant	**Met parameters**
Spatial scale	Regional
Site type	General
Monitor objective	Research, timely/public
Sampling method (List Instrument)	ITP-BA-512-A-A-3-B, OT-06A-2, BP-090D, RH-HMP45D, SRD-Mod. 8-48, WD-020B, WS-010C
Analysis method	____
Start date	6/1/1989
Operation schedule (e.g. 1:1, 1:3)	1:1
Sampling season	ALL YEAR
Probe height (meters)	10 m
Distance from supporting structure (meters)	____
Distance from obstructions on roof	____
Distance from obstructions not on roof (meters)	____
Distance from trees (meters)	15.5 m
Distance to furnace or incinerator flue (meters)	____
Distance between collocated monitors (meters)	____
Unrestricted airflow (degrees)	350
Probe material (Teflon, etc..)	____
Residence time (seconds)	____
Frequency of flow rate verification for manual PM samplers audit	____
Frequency of flow rate verification for automated PM analyzers audit	____
Frequency of one-point QC check (gaseous)	____
Last Annual Performance Evaluation (gaseous)	____
Last two semi-annual flow rate audits for PM monitors	____

Site name	**Bakersfield – Airport – Planz**
AIRS #	60290016
County	Kern
Reporting Agency	ARB
Site Start Date	9/19/00
Pollutant Parameters	PM2.5 FRM
Meteorological Parameters	none
Address	401 E. Planz Rd., Bakersfield CA 93307
Latitude	35.33111
Longitude	-119
Elevation	145
Location	
Distance to road	500 m
Traffic Count	1000
Ground Cover	

Bakersfield – Airport - Planz	
Pollutant	**PM2.5 FRM**
Spatial scale	Neighborhood
Site type	Population
Monitor objective	Standards/strategy, research support
Sampling method (List Instrument)	R&P 2025
Analysis method	Gravimetric
Start date	
Operation schedule (e.g. 1:1, 1:3)	1:3
Sampling season	All year
Probe height (meters)	
Distance from supporting structure (meters)	
Distance from obstructions on roof	
Distance from obstructions not on roof (meters)	None
Distance from trees (meters)	None
Distance to furnace or incinerator flue (meters)	None
Distance between collocated monitors (meters)	None
Unrestricted airflow (degrees)	360
Probe material (Teflon, etc..)	Teflon
Residence time (seconds)	NA
Frequency of flow rate verification for manual PM samplers audit	Once a month
Frequency of flow rate verification for automated PM analyzers audit	--
Frequency of one-point QC check (gaseous)	--
Last Annual Performance Evaluation (gaseous)	--
Last two semi-annual flow rate audits for PM monitors	3/3/2009

Site name	**Bakersfield – California Avenue**
AIRS #	60290014
County	Kern
Reporting Agency	ARB
Site Start Date	3/1/94
Pollutant Parameters	Ozone, PM10 FRM, PM2.5 FRM, PM2.5 BAM/FEM, NO2, toxics
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, barometric pressure, solar radiation
Address	5558 California, Bakersfield CA 93309
Latitude	35.35667
Longitude	-119.063
Elevation	117
Location	
Distance to road	300 m
Traffic Count	10000
Ground Cover	

Bakersfield – California Avenue (1 of 2)				
Pollutant	**Ozone**	**PM10 FRM**	**PM2.5 FRM**	**PM2.5 BAM/FEM**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population	Population	Population	Population
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research support	Standards/strategy, research support	Timely/public
Sampling method (List Instrument)	API/Teledyne 400	Sierra Anderson 1200	R&P 2025	Met One 1020
Analysis method	UV	Gravimetric	Gravimetric	Beta Attenuation
Start date				
Operation schedule (e.g. 1:1, 1:3)	1:1	1:6	1:1	1:1
Sampling season				
Probe height (meters)				
Distance from supporting structure (meters)				
Distance from obstructions on roof				
Distance from obstructions not on roof (meters)	None	None	None	None
Distance from trees (meters)	None	None	None	None
Distance to furnace or incinerator flue (meters)	None	None	None	None
Distance between collocated monitors (meters)	--	3.0	3.0	3.0
Unrestricted airflow (degrees)	360	360	360	360
Probe material (Teflon, etc..)	Teflon	Teflon	Teflon	Teflon
Residence time (seconds)	10.0	--	--	--
Frequency of flow rate verification for manual PM samplers audit	--	Once per month	Once per month	--
Frequency of flow rate verification for automated PM analyzers audit	--	--	--	Twice per month
Frequency of one-point QC check (gaseous)	Twice per month	--	--	--
Last Annual Performance Evaluation (gaseous)	3/3/2009	--	--	--
Last two semi-annual flow rate audits for PM monitors	--	3/18/2009	3/18/2009	3/18/2009

Bakersfield – California Avenue (2 of 2)			
Pollutant	**NO2**	**Toxics**	**Met parameters**
Spatial scale	Neighborhood	Neighborhood	Regional
Site type	Population	Population	General
Monitor objective	Standards/strategy	Timely/public	Research, timely/public
Sampling method (List Instrument)	API 200A	Xontech 924	
Analysis method	CL		
Start date			
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1	1:1
Sampling season			
Probe height (meters)			
Distance from supporting structure (meters)			
Distance from obstructions on roof			
Distance from obstructions not on roof (meters)	None	None	None
Distance from trees (meters)	None	None	None
Distance to furnace or incinerator flue (meters)	None	None	None
Distance between collocated monitors (meters)	--	2.0	--
Unrestricted airflow (degrees)	360	360	360
Probe material (Teflon, etc..)	Teflon	Teflon	Teflon
Residence time (seconds)	15.2	--	--
Frequency of flow rate verification for manual PM samplers audit	--	--	--
Frequency of flow rate verification for automated PM analyzers audit	--	--	--
Frequency of one-point QC check (gaseous)	Twice per month	Twice per month	--
Last Annual Performance Evaluation (gaseous)	3/3/2009	3/3/2009	--
Last two semi-annual flow rate audits for PM monitors	--	--	--

Site name	Bakersfield – Golden
AIRS #	60290010
County	Kern
Reporting Agency	SJVAPCD
Site Start Date	6/1/94
Pollutant Parameters	Ozone, PM10 FRM, PM10 TEOM, PM2.5 FRM, PM2.5 BAM, CO, NO2, NMOC (PAMS), NMHC
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, barometric pressure, solar radiation
Address	1128 Golden State Hwy, Bakersfield CA 93301
Latitude	35.38528
Longitude	-119.014
Elevation	151
Location	Portable building
Distance to road	44 m (west)
Traffic Count	113000 (Hwy 99)
Ground Cover	Gravel

Bakersfield – Golden (1 of 3)				
Pollutant	**Ozone**	**PM10 FRM**	**PM10 TEOM**	**PM2.5 FRM**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population	High concentration	High concentration	High concentration
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research support	Timely/public	Standards/strategy, research support
Sampling method (List Instrument)	400 E	Sierra Andersen	1400 A	Andersen 300
Analysis method	UV	GRAVI-METRIC	TAPERED-ELEMENT	GRAVI-METRIC
Start date	6/1/1994	6/1/1994	7/28/2005	6/1/1994
Operation schedule (e.g. 1:1, 1:3)	1:1	1:6	1:1	1:3, 1:6
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	10.0 m	6.9 m	6.9 m	7.5 m
Distance from supporting structure (meters)	_____	_____	_____	_____
Distance from obstructions on roof	_____	_____	_____	_____
Distance from obstructions not on roof (meters)	_____	27.5 m	27.5 m	26.5 m
Distance from trees (meters)	_____	17.0 m	22.0 m	18.5 m
Distance to furnace or incinerator flue (meters)	_____	_____	_____	_____
Distance between collocated monitors (meters)	_____	6.2 m	6.2 m	1.7m
Unrestricted airflow (degrees)	360	300	300	300
Probe material (Teflon, etc..)	TEFLON	_____	TEFLON	_____
Residence time (seconds)	12.5	_____	_____	_____
Frequency of flow rate verification for manual PM samplers audit	_____	QUARTERLY	_____	MONTHLY
Frequency of flow rate verification for automated PM analyzers audit	_____	_____	BI-WEEKLY	_____
Frequency of one-point QC check (gaseous)	1:1	_____	_____	_____
Last Annual Performance Evaluation (gaseous)	12/4/2008	_____	_____	_____
Last two semi-annual flow rate audits for PM monitors	_____	12/4/2008 3/11/2009	12/4/2008 2/6/2009	12/4/2008, 3/11/2009

Bakersfield – Golden (2 of 3)				
Pollutant	**PM2.5 BAM**	**CO**	**NO2**	**NMOC (PAMS)**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	High concentration	Population	High concentration	Population
Monitor objective	Timely/public	Standards/strategy	Standards/strategy, research	Research
Sampling method (List Instrument)	BAM 1020	48i-TLE	42 C	"910A
Analysis method	BETA-ATTENUATION	IR	CL	925"
Start date	7/28/2005	6/1/1994	6/1/1994	GC
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1	1:1	7/1/1994
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR	1:3
Probe height (meters)	7.5 m	10.0 m	10.0 m	JUN-JUL-AUG
Distance from supporting structure (meters)	_____	_____	_____	7.5 m
Distance from obstructions on roof	_____	_____	_____	_____
Distance from obstructions not on roof (meters)	27 m	_____	_____	_____
Distance from trees (meters)	19.0 m	_____	_____	_____
Distance to furnace or incinerator flue (meters)	_____	_____	_____	18.0 m
Distance between collocated monitors (meters)	1.7 m	_____	_____	_____
Unrestricted airflow (degrees)	300	360	360	_____
Probe material (Teflon, etc..)	ALUMINUM	TEFLON	TEFLON	355
Residence time (seconds)	_____	11.2	12.6	S.STEEL
Frequency of flow rate verification for manual PM samplers audit	_____	_____	_____	9.1
Frequency of flow rate verification for automated PM analyzers audit	BI-WEEKLY	_____	_____	_____
Frequency of one-point QC check (gaseous)	_____	1:1	1:1	_____
Last Annual Performance Evaluation (gaseous)	_____	12/4/2008	12/4/2008	_____
Last two semi-annual flow rate audits for PM monitors	12/4/2008, 6/4/2009	_____	_____	_____

Bakersfield – Golden (3 of 3)		
Pollutant	**NHMC**	**Met parameters**
Spatial scale	Neighborhood	Regional
Site type	Population	General
Monitor objective	Research	Research, timely/public
Sampling method (List Instrument)	Mod. 55	ITP-125-125 HV, OT-06A-2, BP-090D, RH-HMP45D, SRD-Mod.8-48, WD-020C, WS-010B
Analysis method	GC	_____
Start date	7/1/1994	6/1/1994
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1
Sampling season	ALL YEAR	ALL YEAR
Probe height (meters)	8.0 m	10 m
Distance from supporting structure (meters)	_____	_____
Distance from obstructions on roof	_____	_____
Distance from obstructions not on roof (meters)	_____	_____
Distance from trees (meters)	18.0 m	_____
Distance to furnace or incinerator flue (meters)	_____	_____
Distance between collocated monitors (meters)	_____	_____
Unrestricted airflow (degrees)	355	360
Probe material (Teflon, etc..)	TEFLON	_____
Residence time (seconds)	9.3	_____
Frequency of flow rate verification for manual PM samplers audit	_____	_____
Frequency of flow rate verification for automated PM analyzers audit	_____	_____
Frequency of one-point QC check (gaseous)	1:1	_____
Last Annual Performance Evaluation (gaseous)	_____	_____
Last two semi-annual flow rate audits for PM monitors	_____	_____

Site name	**Edison**
AIRS #	60290007
County	Kern
Reporting Agency	ARB
Site Start Date	1/1/80
Pollutant Parameters	Ozone, NO2
Meteorological Parameters	Wind speed, wind direction, outdoor temperature
Address	Johnson Farm-Shed Rd, Edison CA 93320
Latitude	35.34583
Longitude	-118.852
Elevation	172
Location	
Distance to road	450
Traffic Count	50000
Ground Cover	

Edison			
Pollutant	**Ozone**	**NO2**	**Met parameters**
Spatial scale	Neighborhood	Neighborhood	Regional
Site type	High concentration, regional transport	Population	General
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy	Research, timely/public
Sampling method (List Instrument)	API/Teledyne 400	TECO 42, 42C	
Analysis method	UV	CL	
Start date			
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1	1:1
Sampling season	All year	All year	All year
Probe height (meters)			
Distance from supporting structure (meters)			
Distance from obstructions on roof			
Distance from obstructions not on roof (meters)	None	None	None
Distance from trees (meters)	18.5	18.5	18.5
Distance to furnace or incinerator flue (meters)	None	None	None
Distance between collocated monitors (meters)	--	--	--
Unrestricted airflow (degrees)	360	360	360
Probe material (Teflon, etc..)	Teflon	Teflon	Teflon
Residence time (seconds)	15	13.6	--
Frequency of flow rate verification for manual PM samplers audit	--	--	--
Frequency of flow rate verification for automated PM analyzers audit	--	--	--
Frequency of one-point QC check (gaseous)	Twice a month	Twice a month	--
Last Annual Performance Evaluation (gaseous)	3/4/2009	3/4/2009	--
Last two semi-annual flow rate audits for PM monitors	--	--	--

Site name	**Lebec**
AIRS #	*pending*
County	Kern
Reporting Agency	SJVAPCD
Site Start Date	
Pollutant Parameters	PM2.5 BAM
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, barometric pressure, solar radiation
Address	Beartrap Road (no #), Lebec, CA 91350
Latitude	
Longitude	
Elevation	
Location	
Distance to road	
Traffic Count	67000
Ground Cover	

Lebec		
Pollutant	**PM2.5 BAM**	**Met parameters**
Spatial scale	Neighborhood	Regional
Site type	High concentration	General
Monitor objective	Timely/public	Research, timely/public
Sampling method (List Instrument)		
Analysis method	BETA-ATTENUATION	ITP, OT, BP, RH, SRD, WD, WS
Start date		
Operation schedule (e.g. 1:1, 1:3)		
Sampling season		
Probe height (meters)		
Distance from supporting structure (meters)		
Distance from obstructions on roof		
Distance from obstructions not on roof (meters)		
Distance from trees (meters)		
Distance to furnace or incinerator flue (meters)		
Distance between collocated monitors (meters)		
Unrestricted airflow (degrees)		
Probe material (Teflon, etc..)	ALUMINUM	
Residence time (seconds)		
Frequency of flow rate verification for manual PM samplers audit		
Frequency of flow rate verification for automated PM analyzers audit		
Frequency of one-point QC check (gaseous)		
Last Annual Performance Evaluation (gaseous)		
Last two semi-annual flow rate audits for PM monitors		

Site name	**Maricopa**
AIRS #	60290008
County	Kern
Reporting Agency	SJVAPCD
Site Start Date	7/1/87
Pollutant Parameters	Ozone
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure
Address	755 Stanislaus Street, Maricopa CA 93352
Latitude	35.05139
Longitude	-119.403
Elevation	297
Location	In old school building
Distance to road	500 m + (north)
Traffic Count	0
Ground Cover	Gravel

Maricopa		
Pollutant	**Ozone**	**Met parameters**
Spatial scale	Neighborhood	Regional
Site type	Regional transport	General
Monitor objective	Timely/public, standards/strategy, research support	Research, timely/public
Sampling method (List Instrument)	400 E	ITP-125-50 HV, OT-06A-2, BP-090D, WD-020C, WS-010C
Analysis method	UV	_____
Start date	7/1/1987	7/1/1987
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1
Sampling season	ALL YEAR	ALL YEAR
Probe height (meters)	5 m	5 m
Distance from supporting structure (meters)	_____	2.7 m (OT)
Distance from obstructions on roof	_____	5 m (BP) 1.5 m (OT)
Distance from obstructions not on roof (meters)	_____	_____
Distance from trees (meters)	_____	_____
Distance to furnace or incinerator flue (meters)	_____	_____
Distance between collocated monitors (meters)	_____	_____
Unrestricted airflow (degrees)	360	360 (WD,WS, BP), 270 (OT)
Probe material (Teflon, etc..)	TEFLON	_____
Residence time (seconds)	5.9	_____
Frequency of flow rate verification for manual PM samplers audit	_____	_____
Frequency of flow rate verification for automated PM analyzers audit	_____	_____
Frequency of one-point QC check (gaseous)	1:1	_____
Last Annual Performance Evaluation (gaseous)	3/25/2009	_____
Last two semi-annual flow rate audits for PM monitors	_____	_____

Site name	**Oildale**
AIRS #	60290232
County	Kern
Reporting Agency	ARB
Site Start Date	1/1/80
Pollutant Parameters	Ozone, PM10 FRM
Meteorological Parameters	Wind speed, wind direction, outdoor temperature
Address	3311 Manor St, Oildale CA 93308
Latitude	35.43806
Longitude	-119.017
Elevation	183
Location	
Distance to road	150 m
Traffic Count	10000
Ground Cover	

Oildale			
Pollutant	**Ozone**	**PM10 FRM**	**Met parameters**
Spatial scale	Neighborhood	Neighborhood	Regional
Site type	Regional transport	Population	General
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research support	Research, timely/public
Sampling method (List Instrument)	API/Teledyne 400	Sierra Anderson 1200	
Analysis method	UV	Gravimetric	
Start date			
Operation schedule (e.g. 1:1, 1:3)	1:1	1:6	1:1
Sampling season	All year	All year	All year
Probe height (meters)			
Distance from supporting structure (meters)			
Distance from obstructions on roof			
Distance from obstructions not on roof (meters)	None	None	None
Distance from trees (meters)	None	None	None
Distance to furnace or incinerator flue (meters)	None	None	None
Distance between collocated monitors (meters)	--	--	--
Unrestricted airflow (degrees)	360	360	360
Probe material (Teflon, etc..)	Teflon	Teflon	Teflon
Residence time (seconds)	9.3	--	--
Frequency of flow rate verification for manual PM samplers audit	--	Once a month	--
Frequency of flow rate verification for automated PM analyzers audit	--	--	--
Frequency of one-point QC check (gaseous)	Twice a month	--	--
Last Annual Performance Evaluation (gaseous)	3/18/2009		--
Last two semi-annual flow rate audits for PM monitors	--	9/18/2008	--

Site name	Shafter
AIRS #	60296001
County	Kern
Reporting Agency	ARB
Site Start Date	1/1/89
Pollutant Parameters	Ozone, NO2, NMOC (PAMS), NMHC
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, barometric pressure, solar radiation
Address	578 Walker St, Shafter CA 93263
Latitude	35.50361
Longitude	-119.273
Elevation	126
Location	DMV building
Distance to road	15 m (north), 27 m (west)
Traffic Count	
Ground Cover	Paved

Shafter (1 of 2)				
Pollutant	**Ozone**	**NO2**	**NMOC (PAMS)**	**NMHC**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	General/background	Population	Population	Population
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research	Research	Research
Sampling method (List Instrument)	400E (ARB)	200E (ARB)	910A	55 sampler
Analysis method	UV	CL	GC	GC
Start date	1/1/1989	1/1/1989	7/1/1994	7/1/1994
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1	1:3	1:1
Sampling season	ALL YEAR	ALL YEAR	JUN-JUL-AUG	ALL YEAR
Probe height (meters)	10.0 m	10.0 m	7.0 m	7.0 m
Distance from supporting structure (meters)	____	____	____	____
Distance from obstructions on roof	____	____	____	____
Distance from obstructions not on roof (meters)	____	____	____	____
Distance from trees (meters)	____	____	____	____
Distance to furnace or incinerator flue (meters)	____	____	10.5 m	11.0 m
Distance between collocated monitors (meters)	____	____	____	____
Unrestricted airflow (degrees)	360	360	360	360
Probe material (Teflon, etc..)	TEFLON	TEFLON	S. STEEL	TEFLON
Residence time (seconds)	9.5	9.1	____	9.6
Frequency of flow rate verification for manual PM samplers audit	____	____	____	____
Frequency of flow rate verification for automated PM analyzers audit	____	____	____	____
Frequency of one-point QC check (gaseous)	1:1	1:1	____	1:1
Last Annual Performance Evaluation (gaseous)	12/3/2008	12/3/2008	____	____
Last two semi-annual flow rate audits for PM monitors	____	____	____	____

Shafter (2 of 2)	
Pollutant	**Met parameters**
Spatial scale	Regional
Site type	General
Monitor objective	Research, timely/public
Sampling method (List Instrument)	ITP-BA512AABB, OT-06A-2, BP-090D, RH-HMP45D, SRD-Mod. 8-48, WD-020B, WS-010C
Analysis method	____
Start date	1/1/1989
Operation schedule (e.g. 1:1, 1:3)	1:1
Sampling season	ALL YEAR
Probe height (meters)	10.0 m
Distance from supporting structure (meters)	____
Distance from obstructions on roof	____
Distance from obstructions not on roof (meters)	____
Distance from trees (meters)	____
Distance to furnace or incinerator flue (meters)	____
Distance between collocated monitors (meters)	____
Unrestricted airflow (degrees)	360
Probe material (Teflon, etc..)	____
Residence time (seconds)	____
Frequency of flow rate verification for manual PM samplers audit	____
Frequency of flow rate verification for automated PM analyzers audit	____
Frequency of one-point QC check (gaseous)	____
Last Annual Performance Evaluation (gaseous)	____
Last two semi-annual flow rate audits for PM monitors	____

Site name	**Corcoran – Patterson**
AIRS #	60310004
County	Kings
Reporting Agency	SJVAPCD
Site Start Date	10/1/96
Pollutant Parameters	Ozone, PM10 FRM, PM10 TEOM, PM2.5 FRM, PM2.5 BAM
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure
Address	1520 Patterson Av, Corcoran CA 93212
Latitude	36.10222
Longitude	-119.566
Elevation	62
Location	Portable building
Distance to road	35.0 (east), 38.5 (south)
Traffic Count	1035
Ground Cover	Gravel

Corcoran – Patterson (1 of 2)				
Pollutant	**Ozone**	**PM10 FRM**	**PM10 TEOM**	**PM2.5 FRM**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population	High concentration	High concentration	High concentration
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research support	Timely/public	Standards/strategy, research support
Sampling method (List Instrument)	400E	Sierra Andersen	1020	Andersen 300
Analysis method	UV	Gravimetric	Tapered Element	Gravimetric
Start date	4/21/2008	10/1/1996	8/8/2005	10/1/1996
Operation schedule (e.g. 1:1, 1:3)	1:1	1:3	1:1	1:3, 1:6
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	6 m	6 m	6 m	6 m
Distance from supporting structure (meters)	_____	_____	_____	_____
Distance from obstructions on roof	_____	_____	_____	_____
Distance from obstructions not on roof (meters)	_____	_____	_____	_____
Distance from trees (meters)	46.0 m	59.5 m (1), 65.0 m (2) 50.0 m (3)	48.0 m	50.0 m
Distance to furnace or incinerator flue (meters)	_____	_____	_____	_____
Distance between collocated monitors (meters)	_____	2.0 m (1 to 2) 2 m (1 to 3)	1.3 m	1.2 m
Unrestricted airflow (degrees)	360	360	360	360
Probe material (Teflon, etc..)	TEFLON	_____	TEFLON	_____
Residence time (seconds)	6.4	_____	_____	_____
Frequency of flow rate verification for manual PM samplers audit	_____	QUARTERLY	_____	MONTHLY
Frequency of flow rate verification for automated PM analyzers audit	_____	_____	BI-WEEKLY	_____
Frequency of one-point QC check (gaseous)	1:1	_____	_____	_____
Last Annual Performance Evaluation (gaseous)	3/25/2009	_____	_____	_____
Last two semi-annual flow rate audits for PM monitors	_____	11/24/2008, 3/25/2009	11/24/2008, 3/25/2009	11/24/2008, 3/25/2009

Corcoran – Patterson (2 of 2)		
Pollutant	**PM2.5 BAM**	**Met Parameters**
Spatial scale	Neighborhood	Regional
Site type	High concentration	General
Monitor objective	Timely/public	Research, timely/public
Sampling method (List Instrument)	1020	ITP - 110-50HV, OT-06A-2, BP-090D, WD-020C, WS-010B
Analysis method	BETA-ATTENUATION	_____
Start date	4/13/2002	10/1/1996
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1
Sampling season	ALL YEAR	ALL YEAR
Probe height (meters)	6 m	9.6 m
Distance from supporting structure (meters)	_____	_____
Distance from obstructions on roof	_____	_____
Distance from obstructions not on roof (meters)	_____	_____
Distance from trees (meters)	50.0 m	51.5 m
Distance to furnace or incinerator flue (meters)	_____	_____
Distance between collocated monitors (meters)	1.2 m	_____
Unrestricted airflow (degrees)	360	360
Probe material (Teflon, etc..)	ALUMINUM	_____
Residence time (seconds)	_____	_____
Frequency of flow rate verification for manual PM samplers audit	_____	_____
Frequency of flow rate verification for automated PM analyzers audit	BI-WEEKLY	_____
Frequency of one-point QC check (gaseous)	_____	_____
Last Annual Performance Evaluation (gaseous)	_____	_____
Last two semi-annual flow rate audits for PM monitors	11/24/2008, 3/25/2009	_____

Site name	**Hanford – Irwin**
AIRS #	60311004
County	Kings
Reporting Agency	SJVAPCD
Site Start Date	10/11/93
Pollutant Parameters	PM10 FRM (Ozone and NO2 moved to Corcoran)
Meteorological Parameters	none
Address	807 S Irwin St, Hanford CA 93230
Latitude	36.31472
Longitude	-119.644
Elevation	82
Location	School roof
Distance to road	158 m (south)
Traffic Count	3383
Ground Cover	Vegetation/roof material

Hanford – Irwin	
Pollutant	**PM10 FRM**
Spatial scale	Neighborhood
Site type	Population
Monitor objective	Standards/strategy, research support
Sampling method (List Instrument)	Sierra Andersen
Analysis method	Gravimetric
Start date	10/11/1993
Operation schedule (e.g. 1:1, 1:3)	1:6
Sampling season	ALL YEAR
Probe height (meters)	13 m
Distance from supporting structure (meters)	_____
Distance from obstructions on roof	_____
Distance from obstructions not on roof (meters)	15.0 m
Distance from trees (meters)	15.5 m
Distance to furnace or incinerator flue (meters)	_____
Distance between collocated monitors (meters)	_____
Unrestricted airflow (degrees)	260
Probe material (Teflon, etc..)	_____
Residence time (seconds)	_____
Frequency of flow rate verification for manual PM samplers audit	QUARTERLY
Frequency of flow rate verification for automated PM analyzers audit	_____
Frequency of one-point QC check (gaseous)	_____
Last Annual Performance Evaluation (gaseous)	_____
Last two semi-annual flow rate audits for PM monitors	12/31/2008, 3/25/2009

Site name	**Santa Rosa Rancheria**
AIRS #	*pending*
County	Kings
Reporting Agency	Tachi-Yokut
Site Start Date	
Pollutant Parameters	Ozone, PM10
Meteorological Parameters	
Address	Lemoore, CA
Latitude	
Longitude	
Elevation	
Location	
Distance to road	
Traffic Count	
Ground Cover	

Santa Rosa Rancheria				
Pollutant				
Spatial scale	New site – more information will be available in the 2010 Air Monitoring Network Plan.			
Site type				
Monitor objective				
Sampling method (List Instrument)				
Analysis method				
Start date				
Operation schedule (e.g. 1:1, 1:3)				
Sampling season				
Probe height (meters)				
Distance from supporting structure (meters)				
Distance from obstructions on roof				
Distance from obstructions not on roof (meters)				
Distance from trees (meters)				
Distance to furnace or incinerator flue (meters)				
Distance between collocated monitors (meters)				
Unrestricted airflow (degrees)				
Probe material (Teflon, etc..)				
Residence time (seconds)				
Frequency of flow rate verification for manual PM samplers audit				
Frequency of flow rate verification for automated PM analyzers audit				
Frequency of one-point QC check (gaseous)				
Last Annual Performance Evaluation (gaseous)				
Last two semi-annual flow rate audits for PM monitors				

Site name	**Madera – Pump Yard**
AIRS #	60390004
County	Madera
Reporting Agency	SJVAPCD
Site Start Date	
Pollutant Parameters	Ozone, NO2, NMOC (PAMS), NMHC
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, barometric pressure, solar radiation
Address	Av 8 and Road 29 1/2, Madera CA 93637
Latitude	36.86722
Longitude	-120.01
Elevation	85
Location	Portable building, outside school
Distance to road	16.0 m (west)
Traffic Count	0
Ground Cover	Paved

Madera – Pump Yard (1 of 2)				
Pollutant	**Ozone**	**NO2**	**NMOC (PAMS)**	**NMHC**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	General/background	Population	Population	Population
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research	Research	Research
Sampling method (List Instrument)	400E	42	910A	55C
Analysis method	UV	CL	GC	GC
Start date	10/1/1999	10/1/1999	10/1/1999	10/1/1999
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1	1:3	1:1
Sampling season	ALL YEAR	ALL YEAR	JUN-JUL-AUG	ALL YEAR
Probe height (meters)	9.0 m	9.0 m	6.0 m	6.0 m
Distance from supporting structure (meters)	_____	_____	_____	_____
Distance from obstructions on roof	_____	_____	_____	_____
Distance from obstructions not on roof (meters)	_____	_____	_____	_____
Distance from trees (meters)	41.0 m	41.0 m	41.5 m	41.5 m
Distance to furnace or incinerator flue (meters)	_____	_____	_____	_____
Distance between collocated monitors (meters)	_____	_____	_____	_____
Unrestricted airflow (degrees)	360	360	360	360
Probe material (Teflon, etc..)	TEFLON	TEFLON	S. STEEL	TEFLON
Residence time (seconds)	16.9	15.0		
Frequency of flow rate verification for manual PM samplers audit	_____	_____	_____	_____
Frequency of flow rate verification for automated PM analyzers audit	_____	_____	_____	_____
Frequency of one-point QC check (gaseous)	1:1	1:1	_____	1:1
Last Annual Performance Evaluation (gaseous)	9/18/2008	9/18/2008	_____	_____
Last two semi-annual flow rate audits for PM monitors	_____	_____	_____	_____

Madera – Pump Yard (2 of 2)	
Pollutant	**Met Parameters**
Spatial scale	Regional
Site type	General
Monitor objective	Research, timely/public
Sampling method (List Instrument)	ITP, OT, BP, RH, SRD, WD, WS
Analysis method	_____
Start date	10/1/1999
Operation schedule (e.g. 1:1, 1:3)	1:1
Sampling season	ALL YEAR
Probe height (meters)	9.0 m
Distance from supporting structure (meters)	_____
Distance from obstructions on roof	_____
Distance from obstructions not on roof (meters)	_____
Distance from trees (meters)	41.0 m
Distance to furnace or incinerator flue (meters)	_____
Distance between collocated monitors (meters)	_____
Unrestricted airflow (degrees)	360
Probe material (Teflon, etc..)	_____
Residence time (seconds)	_____
Frequency of flow rate verification for manual PM samplers audit	_____
Frequency of flow rate verification for automated PM analyzers audit	_____
Frequency of one-point QC check (gaseous)	_____
Last Annual Performance Evaluation (gaseous)	_____
Last two semi-annual flow rate audits for PM monitors	_____

Site name	**Merced – Coffee Road**
AIRS #	60470003
County	Merced
Reporting Agency	SJVAPCD
Site Start Date	10/1/91
Pollutant Parameters	Ozone, NO2
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure
Address	385 S. Coffee St., Merced CA 95340
Latitude	37.28167
Longitude	-120.434
Elevation	107
Location	Portable building, residential area
Distance to road	20 m (east)
Traffic Count	0
Ground Cover	Gravel

Merced – Coffee Road			
Pollutant	**Ozone**	**NO2**	**Met parameters**
Spatial scale	Neighborhood	Neighborhood	Regional
Site type	Population	Population	General
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy	Research, timely/public
Sampling method (List Instrument)	400E	42 C	ITP - 110-50HV, OT-06A-2, BP-090D, WD-020C, WS-010B
Analysis method	UV	CL	____
Start date	10/1/1991	10/1/1991	10/1/1991
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1	1:1
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	5.0 m	5.0 m	8.0 m
Distance from supporting structure (meters)	____	____	____
Distance from obstructions on roof	____	____	____
Distance from obstructions not on roof (meters)	____	____	____
Distance from trees (meters)	13.5 m	13.5 m	13.5 m
Distance to furnace or incinerator flue (meters)	____	____	____
Distance between collocated monitors (meters)	____	____	____
Unrestricted airflow (degrees)	345	345	345
Probe material (Teflon, etc..)	TEFLON	TEFLON	____
Residence time (seconds)	11.9	13.7	____
Frequency of flow rate verification for manual PM samplers audit	____	____	____
Frequency of flow rate verification for automated PM analyzers audit	____	____	____
Frequency of one-point QC check (gaseous)	1:1	1:1	____
Last Annual Performance Evaluation (gaseous)	4/8/2009	4/8/2009	____
Last two semi-annual flow rate audits for PM monitors	____	____	____

Site name	**Merced M Street**
AIRS #	60472510
County	Merced
Reporting Agency	SJVAPCD
Site Start Date	4/1/99
Pollutant Parameters	PM10 FRM, PM2.5 FRM
Meteorological Parameters	none
Address	2334 M Street, Merced CA 95340
Latitude	37.30861
Longitude	-120.48
Elevation	35
Location	Roof, post office
Distance to road	100 m (railroad, east); PM10: 66 m (north) & 72.5 m (south); PM2.5: 52.5 m (north), 87 m (south)
Traffic Count	22400
Ground Cover	Gravel

Merced M Street		
Pollutant	**PM10 FRM**	**PM2.5 FRM**
Spatial scale	Neighborhood	Neighborhood
Site type	Representative concentration	Representative concentration
Monitor objective	Standards/strategy, research support	Standards/strategy, research support
Sampling method (List Instrument)	Sierra Andersen	Andersen 300
Analysis method	GRAVI-METRIC	GRAVI-METRIC
Start date	4/1/1999	4/1/1999
Operation schedule (e.g. 1:1, 1:3)	1:6	1:3, 1:6
Sampling season	ALL YEAR	ALL YEAR
Probe height (meters)	13.0 m	13.0 m
Distance from supporting structure (meters)	_____	_____
Distance from obstructions on roof	_____	_____
Distance from obstructions not on roof (meters)	_____	_____
Distance from trees (meters)	_____	_____
Distance to furnace or incinerator flue (meters)	38.5 m	45.0 m
Distance between collocated monitors (meters)	_____	_____
Unrestricted airflow (degrees)	360	360
Probe material (Teflon, etc..)	_____	_____
Residence time (seconds)	_____	_____
Frequency of flow rate verification for manual PM samplers audit	QUARTERLY	MONTHLY
Frequency of flow rate verification for automated PM analyzers audit	_____	_____
Frequency of one-point QC check (gaseous)	_____	_____
Last Annual Performance Evaluation (gaseous)	_____	_____
Last two semi-annual flow rate audits for PM monitors	1/29/09, 4/8/2009	1/29/09, 4/8/2009

Site name	**Stockton – Hazelton**
AIRS #	60771002
County	San Joaquin
Reporting Agency	ARB
Site Start Date	
Pollutant Parameters	Ozone, PM10 FRM, PM2.5 FRM, PM2.5 BAM, CO, NO2, toxics
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity
Address	1593 E Hazelton St, Stockton CA 95205
Latitude	37.95167
Longitude	-121.269
Elevation	4
Location	
Distance to road	62 m
Traffic Count	1000
Ground Cover	

Stockton – Hazelton (1 of 2)				
Pollutant	**Ozone**	**PM10 FRM**	**PM2.5 FRM**	**PM2.5 BAM**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population	Population	Population	Population
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research support	Standards/strategy, research support	Timely/public
Sampling method (List Instrument)	API/Teledyne 400	Sierra Anderson 1200	R&P 2025	Met One 1020
Analysis method	UV	Gravimetric	Gravimetric	Beta Attenuation
Start date				
Operation schedule (e.g. 1:1, 1:3)	1:1	1:6	1:3	1:1
Sampling season	All year	All year	All year	All year
Probe height (meters)				
Distance from supporting structure (meters)				
Distance from obstructions on roof				
Distance from obstructions not on roof (meters)	None	None	None	None
Distance from trees (meters)	2.5	2.5	2.5	2.5
Distance to furnace or incinerator flue (meters)	None	None	None	None
Distance between collocated monitors (meters)	--	--	--	--
Unrestricted airflow (degrees)	360	360	360	360
Probe material (Teflon, etc..)	Teflon	Teflon	Teflon	Teflon
Residence time (seconds)	9.0	--	--	--
Frequency of flow rate verification for manual PM samplers audit	--	Once a month	Once a month	--
Frequency of flow rate verification for automated PM analyzers audit	--	--	--	Twice a month
Frequency of one-point QC check (gaseous)	Twice a month	--	--	--
Last Annual Performance Evaluation (gaseous)	12/10/2008	--	--	--
Last two semi-annual flow rate audits for PM monitors	--	12/10/2008	12/10/2008	12/10/2008

Stockton – Hazelton (2 of 2)				
Pollutant	**CO**	**NO2**	**Toxics**	**Met parameters**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Regional
Site type	Population	Population	Population	General
Monitor objective	Standards/strategy	Standards/strategy	Timely/public	Research, timely/public
Sampling method (List Instrument)	Dasibi 3008	Teco 42, 42C	Xontech 924	
Analysis method	IR	CL		
Start date				
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1	1:1	1:1
Sampling season	All year	All year	All year	All year
Probe height (meters)				
Distance from supporting structure (meters)				
Distance from obstructions on roof				
Distance from obstructions not on roof (meters)	None	None	None	None
Distance from trees (meters)	2.5	2.5	2.5	2.5
Distance to furnace or incinerator flue (meters)	None	None	None	None
Distance between collocated monitors (meters)	--	--	2	--
Unrestricted airflow (degrees)	360	360	360	360
Probe material (Teflon, etc..)	Teflon	Teflon	Teflon	Teflon
Residence time (seconds)	7.9	8.7	--	--
Frequency of flow rate verification for manual PM samplers audit				
Frequency of flow rate verification for automated PM analyzers audit				
Frequency of one-point QC check (gaseous)				
Last Annual Performance Evaluation (gaseous)				
Last two semi-annual flow rate audits for PM monitors				

Site name	**Stockton – Wagner – Holt**
AIRS #	60773010
County	San Joaquin
Reporting Agency	SJVAPCD
Site Start Date	10/1/96
Pollutant Parameters	PM10 FRM
Meteorological Parameters	none
Address	8778 Brattle Pl, Stockton CA 95209
Latitude	38.02972
Longitude	-121.353
Elevation	8
Location	On school roof
Distance to road	30 m (north), 60 m (west)
Traffic Count	0
Ground Cover	Felt/rubber

Stockton – Wagner – Holt	
Pollutant	**PM10 FRM**
Spatial scale	Neighborhood
Site type	Population
Monitor objective	Standards/strategy, research support
Sampling method (List Instrument)	Anderson
Analysis method	GRAVI-METRIC
Start date	10/1/1996
Operation schedule (e.g. 1:1, 1:3)	1:6
Sampling season	ALL YEAR
Probe height (meters)	10 m
Distance from supporting structure (meters)	1.5 m
Distance from obstructions on roof	11.8 m
Distance from obstructions not on roof (meters)	____
Distance from trees (meters)	12.5 m
Distance to furnace or incinerator flue (meters)	____
Distance between collocated monitors (meters)	____
Unrestricted airflow (degrees)	280
Probe material (Teflon, etc..)	_____
Residence time (seconds)	_____
Frequency of flow rate verification for manual PM samplers audit	QUARTERLY
Frequency of flow rate verification for automated PM analyzers audit	_____
Frequency of one-point QC check (gaseous)	_____
Last Annual Performance Evaluation (gaseous)	_____
Last two semi-annual flow rate audits for PM monitors	11/20/2008, 2/10/2009

Site name	**Tracy – Airport**
AIRS #	60773005
County	San Joaquin
Reporting Agency	SJVAPCD
Site Start Date	1/11/05
Pollutant Parameters	Ozone, PM10 TEOM, PM2.5 BAM, NO2
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure
Address	5749 S. Tracy Blvd., Tracy CA 95376
Latitude	37.68222
Longitude	-121.441
Elevation	301
Location	
Distance to road	
Traffic Count	868
Ground Cover	

Tracy – Airport (1 of 2)				
Pollutant	**Ozone**	**PM10 TEOM**	**PM2.5 BAM**	**NO2**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Regional transport	Regional transport	Regional transport	Population
Monitor objective	Timely/public, standards/strategy, research support	Timely/public	Timely/public	Standards/strategy
Sampling method (List Instrument)	400E	TEOM	BAM 1020	42C
Analysis method	UV	TAPERED ELEMENT	BETA-ATTENUATION	CL
Start date	1/11/2005	10/25/2005	1/11/2005	1/11/2005
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1	1:1	1:1
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	7.0 m	6.5 m	6.5 m	7.0 m
Distance from supporting structure (meters)	_____	_____	_____	
Distance from obstructions on roof	_____	_____	_____	
Distance from obstructions not on roof (meters)	42.7 m	42.7 m	42.7 m	42.7 m
Distance from trees (meters)	41.5 m	41.5 m	41.5 m	41.5 m
Distance to furnace or incinerator flue (meters)	_____	_____	_____	
Distance between collocated monitors (meters)	_____	3.5m	3.5m	
Unrestricted airflow (degrees)	360	360	360	360
Probe material (Teflon, etc..)	TEFLON	TEFLON	ALUMINUM	TEFLON
Residence time (seconds)	10.6	_____	_____	13.8
Frequency of flow rate verification for manual PM samplers audit	_____	_____	_____	_____
Frequency of flow rate verification for automated PM analyzers audit	_____	BI-WEEKLY	BI-WEEKLY	_____
Frequency of one-point QC check (gaseous)	1:1	_____	_____	1:1
Last Annual Performance Evaluation (gaseous)	3/23/2009	_____	_____	3/23/2009
Last two semi-annual flow rate audits for PM monitors	_____	12/12/2008, 3/23/2009	12/12/2008, 3/23/2009	_____

Tracy – Airport (2 of 2)	
Pollutant	**Met parameters**
Spatial scale	Regional
Site type	General
Monitor objective	Research, timely/public
Sampling method (List Instrument)	ITP-125-125 HV, OT-06A-2, BP-092, WD-020C, WS-010C
Analysis method	_____
Start date	1/11/2005
Operation schedule (e.g. 1:1, 1:3)	1:1
Sampling season	ALL YEAR
Probe height (meters)	10 m
Distance from supporting structure (meters)	_____
Distance from obstructions on roof	_____
Distance from obstructions not on roof (meters)	_____
Distance from trees (meters)	48.7m
Distance to furnace or incinerator flue (meters)	_____
Distance between collocated monitors (meters)	_____
Unrestricted airflow (degrees)	360
Probe material (Teflon, etc..)	_____
Residence time (seconds)	_____
Frequency of flow rate verification for manual PM samplers audit	_____
Frequency of flow rate verification for automated PM analyzers audit	_____
Frequency of one-point QC check (gaseous)	_____
Last Annual Performance Evaluation (gaseous)	_____
Last two semi-annual flow rate audits for PM monitors	_____

Site name	**Modesto – 14th Street**
AIRS #	60990005
County	Stanislaus
Reporting Agency	ARB
Site Start Date	1/1/81
Pollutant Parameters	Ozone, PM10 FRM, PM2.5 FRM, PM2.5 BAM, CO
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure
Address	814 14th Street, Modesto CA 95354
Latitude	37.64194
Longitude	-120.994
Elevation	27
Location	
Distance to road	13 m
Traffic Count	10000
Ground Cover	

Modesto – 14th Street (1 of 2)				
Pollutant	**Ozone**	**PM10 FRM**	**PM2.5 FRM**	**PM2.5 BAM**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population	Population	Population	Population
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research support	Standards/strategy, research support	Timely/public
Sampling method (List Instrument)	API/Teledyne 400	Sierra Anderson 1200	R&P 2025	Met One 1020
Analysis method	UV	Gravimetric	Gravimetric	Beta Attenuation
Start date				
Operation schedule (e.g. 1:1, 1:3)	1:1	1:6	1:3	1:1
Sampling season	All year	All year	All year	All year
Probe height (meters)				
Distance from supporting structure (meters)				
Distance from obstructions on roof				
Distance from obstructions not on roof (meters)	None	None	None	None
Distance from trees (meters)	None	None	None	None
Distance to furnace or incinerator flue (meters)	None	None	None	None
Distance between collocated monitors (meters)	--	--	--	--
Unrestricted airflow (degrees)	360	360	360	360
Probe material (Teflon, etc..)	Teflon	Teflon	Teflon	Teflon
Residence time (seconds)	6.1	--	--	--
Frequency of flow rate verification for manual PM samplers audit	--	Once a month	Once a month	--
Frequency of flow rate verification for automated PM analyzers audit	--	--	--	Twice a month
Frequency of one-point QC check (gaseous)	Twice a month	--	--	--
Last Annual Performance Evaluation (gaseous)	4/9/2009	--	--	--
Last two semi-annual flow rate audits for PM monitors	--	4/9/2009	4/9/2009	4/9/2009

Modesto – 14th Street (2 of 2)		
Pollutant	**CO**	**Met parameters**
Spatial scale	Neighborhood	Regional
Site type	Population	General
Monitor objective	Standards/strategy	Research, timely/public
Sampling method (List Instrument)	Dasibi 3008	
Analysis method	IR	
Start date		
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1
Sampling season	All year	All year
Probe height (meters)		
Distance from supporting structure (meters)		
Distance from obstructions on roof		
Distance from obstructions not on roof (meters)	None	None
Distance from trees (meters)	None	None
Distance to furnace or incinerator flue (meters)	None	None
Distance between collocated monitors (meters)	--	--
Unrestricted airflow (degrees)	360	360
Probe material (Teflon, etc..)	Teflon	Teflon
Residence time (seconds)	6.1	--
Frequency of flow rate verification for manual PM samplers audit	--	--
Frequency of flow rate verification for automated PM analyzers audit	--	--
Frequency of one-point QC check (gaseous)	Twice a month	--
Last Annual Performance Evaluation (gaseous)	4/9/2009	--
Last two semi-annual flow rate audits for PM monitors	--	--

Site name	**Turlock**
AIRS #	60990006
County	Stanislaus
Reporting Agency	SJVAPCD
Site Start Date	
Pollutant Parameters	Ozone, PM10 FRM, PM2.5 BAM, CO, NO2
Meteorological Parameters	Wind speed, wind direction
Address	1034 S Minaret St, Turlock CA 95380
Latitude	37.48806
Longitude	-120.836
Elevation	30
Location	Portable building – neighborhood
Distance to road	32 m (east), 4 m (north)
Traffic Count	670
Ground Cover	Gravel

Turlock (1 of 2)				
Pollutant	**Ozone**	**PM10 FRM**	**PM2.5 BAM**	**CO**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population	Population	Population	Population
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research support	Timely/public	Standards/strategy
Sampling method (List Instrument)	400E	Sierra Andersen	1020	48C
Analysis method	UV	GRAVIMETRIC	Beta Attenuation	IR
Start date	1994	1994	9/14/2006	1994
Operation schedule (e.g. 1:1, 1:3)	1:1	1:6	1:1	1:1
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	7 m	6.5 m	5.4 m	7 m
Distance from supporting structure (meters)	____	____	____	____
Distance from obstructions on roof	____	____	____	____
Distance from obstructions not on roof (meters)	____	____	____	____
Distance from trees (meters)	37.5 m	37.5 m	37.5 m	37.5 m
Distance to furnace or incinerator flue (meters)	48.0 m	48.0 m	48.0 m	48.0 m
Distance between collocated monitors (meters)	____	____	____	____
Unrestricted airflow (degrees)	360	360	360	360
Probe material (Teflon, etc..)	TEFLON	____	ALUMINUM	TEFLON
Residence time (seconds)	14.8	____	____	14
Frequency of flow rate verification for manual PM samplers audit	____	QUARTERLY	____	____
Frequency of flow rate verification for automated PM analyzers audit	____	____	BI-WEEKLY	____
Frequency of one-point QC check (gaseous)	1:1	____	____	1:1
Last Annual Performance Evaluation (gaseous)	3/24/2009	____	____	3/24/2009
Last two semi-annual flow rate audits for PM monitors	____	10/14/2008, 3/24/2009	3/24/2009, 5/1/2009	____

Turlock (2 of 2)		
Pollutant	**NO2**	**Met parameters**
Spatial scale	Neighborhood	Regional
Site type	Population	General
Monitor objective	Standards/strategy	Research, timely/public
Sampling method (List Instrument)	42C	ITP-125-125 HV, OT-060A-2, BP-090D, WD-020C, WS-010C
Analysis method	CL	____
Start date	1994	1994
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1
Sampling season	ALL YEAR	ALL YEAR
Probe height (meters)	7 m	7.7 m 7 m (OT)
Distance from supporting structure (meters)	____	____
Distance from obstructions on roof	____	____
Distance from obstructions not on roof (meters)	____	____
Distance from trees (meters)	37.5 m	37.5 m
Distance to furnace or incinerator flue (meters)	48.0 m	48.0 m
Distance between collocated monitors (meters)	____	____
Unrestricted airflow (degrees)	360	360
Probe material (Teflon, etc..)	TEFLON	____
Residence time (seconds)	14.1	____
Frequency of flow rate verification for manual PM samplers audit	____	____
Frequency of flow rate verification for automated PM analyzers audit	____	____
Frequency of one-point QC check (gaseous)	1:1	____
Last Annual Performance Evaluation (gaseous)	3/24/2009	____
Last two semi-annual flow rate audits for PM monitors	____	____

Site name	**Sequoia – Ash Mountain**
AIRS #	61070009
County	Tulare
Reporting Agency	NPS
Site Start Date	1/1/00
Pollutant Parameters	Ozone, PM2.5 FRM, PM2.5 BAM
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, solar radiation
Address	Ash Mountain, Sequoia National Park CA
Latitude	36.48944
Longitude	-118.829
Elevation	535
Location	
Distance to road	167 m
Traffic Count	1000
Ground Cover	

Sequoia – Ash Mountain				
Pollutant	**Ozone**	**PM2.5 FRM**	**PM2.5 BAM**	**Met parameters**
Spatial scale	Regional	Regional	Regional	Regional
Site type	Regional transport	Regional transport	Regional transport	General
Monitor objective	Timely/public, standards/strategy, research support	Research support	Timely/public	Research, timely/public
Sampling method (List Instrument)	TECO 49, 49C			
Analysis method	UV	Gravimetric	Beta Attenuation	
Start date	2000	1992	2007	
Operation schedule (e.g. 1:1, 1:3)	1:1	1:6	1:1	1:1
Sampling season	All year	All year	All year	All year
Probe height (meters)	10	5	4	
Distance from supporting structure (meters)	3	2	1.5	
Distance from obstructions on roof	5			
Distance from obstructions not on roof (meters)	--			
Distance from trees (meters)	15 – 20	10 - 20	15 – 20	
Distance to furnace or incinerator flue (meters)	305	305	305	
Distance between collocated monitors (meters)	3	3	3	
Unrestricted airflow (degrees)	360	360	360	
Probe material (Teflon, etc..)	Teflon	Teflon	Teflon	
Residence time (seconds)	--			
Frequency of flow rate verification for manual PM samplers audit				
Frequency of flow rate verification for automated PM analyzers audit				
Frequency of one-point QC check (gaseous)				
Last Annual Performance Evaluation (gaseous)	March 2009		December 2008, August 2007	
Last two semi-annual flow rate audits for PM monitors				

Site name	**Sequoia – Lower Kaweah**
AIRS #	61070006
County	Tulare
Reporting Agency	NPS
Site Start Date	4/1/87
Pollutant Parameters	Ozone
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, solar radiation
Address	Lower Kaweah Campground, Sequoia National Park, CA
Latitude	36.56611
Longitude	-118.778
Elevation	1937
Location	
Distance to road	1500 m
Traffic Count	5000
Ground Cover	

Sequoia – Lower Kaweah		
Pollutant	**Ozone**	**Met parameters**
Spatial scale	Regional	Regional
Site type	Regional transport	General
Monitor objective	Timely/public, standards/strategy, research support	Research, timely/public
Sampling method (List Instrument)	TECO 49, 49C	
Analysis method		
Start date	1982	
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1
Sampling season	All year	All year
Probe height (meters)	10	
Distance from supporting structure (meters)		
Distance from obstructions on roof		
Distance from obstructions not on roof (meters)		
Distance from trees (meters)	15 – 20	
Distance to furnace or incinerator flue (meters)	750	
Distance between collocated monitors (meters)		
Unrestricted airflow (degrees)		
Probe material (Teflon, etc..)	Teflon	
Residence time (seconds)		
Frequency of flow rate verification for manual PM samplers audit		
Frequency of flow rate verification for automated PM analyzers audit		
Frequency of one-point QC check (gaseous)		
Last Annual Performance Evaluation (gaseous)	March 2009	
Last two semi-annual flow rate audits for PM monitors		

Site name	**Visalia – Airport**
AIRS #	61073000
County	Tulare
Reporting Agency	SJVAPCD
Site Start Date	
Pollutant Parameters	None
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, barometric pressure, solar radiation
Address	Airport, Visalia CA 93291
Latitude	36.31389
Longitude	-119.392
Elevation	90
Location	
Distance to road	81 m (west), 29.5 (parking lot)
Traffic Count	32000
Ground Cover	Vegetated

Visalia – Airport	
Pollutant	**Met parameters**
Spatial scale	Regional
Site type	General
Monitor objective	Research, timely/public
Sampling method (List Instrument)	ITP-125-125 HV, OT-06A-2, BP-090D, RH-083-0-6, SRD-Mod. 8-48, WD-020C, WS-010B
Analysis method	_____
Start date	10/1/1999
Operation schedule (e.g. 1:1, 1:3)	1:1
Sampling season	ALL YEAR
Probe height (meters)	10 m
Distance from supporting structure (meters)	_____
Distance from obstructions on roof	_____
Distance from obstructions not on roof (meters)	_____
Distance from trees (meters)	8 m
Distance to furnace or incinerator flue (meters)	_____
Distance between collocated monitors (meters)	_____
Unrestricted airflow (degrees)	270
Probe material (Teflon, etc..)	_____
Residence time (seconds)	_____
Frequency of flow rate verification for manual PM samplers audit	_____
Frequency of flow rate verification for automated PM analyzers audit	_____
Frequency of one-point QC check (gaseous)	_____
Last Annual Performance Evaluation (gaseous)	_____
Last two semi-annual flow rate audits for PM monitors	_____

Site name	**Visalia - Church**
AIRS #	61072002
County	Tulare
Reporting Agency	ARB
Site Start Date	7/1/79
Pollutant Parameters	Ozone, PM10 FRM, PM2.5 FRM, PM2.5 BAM, NO2
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure
Address	310 N. Church St, Visalia CA 93291
Latitude	36.3325
Longitude	-119.291
Elevation	97
Location	Portable building
Distance to road	23 m
Traffic Count	10000
Ground Cover	

Visalia (1 of 2)				
Pollutant	**Ozone**	**PM10 FRM**	**PM2.5 FRM**	**PM2.5 BAM**
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population	Population	Population	Regional transport
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research support	Standards/strategy, research support	Timely/public
Sampling method (List Instrument)	API/Teledyne	Sierra Anderson 1200	R&P 2025	Met One 1020
Analysis method	UV	Gravimetric	Gravimetric	Beta attenuation
Start date				
Operation schedule (e.g. 1:1, 1:3)	1:1	1:6	1:3	1:1
Sampling season	All year	All year	All year	All year
Probe height (meters)				
Distance from supporting structure (meters)				
Distance from obstructions on roof				
Distance from obstructions not on roof (meters)	None	None	None	None
Distance from trees (meters)	None	None	None	None
Distance to furnace or incinerator flue (meters)	None	None	None	None
Distance between collocated monitors (meters)	--	--	--	--
Unrestricted airflow (degrees)	360	360	360	360
Probe material (Teflon, etc..)	Teflon	Teflon	Teflon	Teflon
Residence time (seconds)	14.2	--	--	--
Frequency of flow rate verification for manual PM samplers audit	--	Once a month	Once a month	--
Frequency of flow rate verification for automated PM analyzers audit	--	--	--	Twice a month
Frequency of one-point QC check (gaseous)	Twice a month	--	--	--
Last Annual Performance Evaluation (gaseous)	3/24/2009	--	--	--
Last two semi-annual flow rate audits for PM monitors	--	3/24/2009	3/24/2009	3/24/2009

Visalia (2 of 2)		
Pollutant	**NO2**	**Met parameters**
Spatial scale	Neighborhood	Regional
Site type	Population	General
Monitor objective	Standards/strategy	Research, timely/public
Sampling method (List Instrument)	TECO 42, 42C	
Analysis method	CL	
Start date		
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1
Sampling season	All year	All year
Probe height (meters)		
Distance from supporting structure (meters)		
Distance from obstructions on roof		
Distance from obstructions not on roof (meters)	None	None
Distance from trees (meters)	None	None
Distance to furnace or incinerator flue (meters)	None	None
Distance between collocated monitors (meters)	--	--
Unrestricted airflow (degrees)	360	360
Probe material (Teflon, etc..)	Teflon	Teflon
Residence time (seconds)	19.0	--
Frequency of flow rate verification for manual PM samplers audit	--	--
Frequency of flow rate verification for automated PM analyzers audit	--	--
Frequency of one-point QC check (gaseous)	Twice a month	--
Last Annual Performance Evaluation (gaseous)	3/24/2009	--
Last two semi-annual flow rate audits for PM monitors	--	--