APPENDIX B:

DRAFT Detailed Air Monitoring Site Information

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Appendix B: Detailed Air Monitoring Site Information

Sites organized by County, alphabetical therein:

Site name	Clovis–Villa			
AIRS #	060195001			
County	Fresno			
Collecting (Operating) Agency	All equipment operated by SJVAPCD			
Reporting Agency	Data reported by SJVAPCD: PM2.5 FEM, CO, NO_2, NMHC, Speciated VOC, Meteorology	Data reported by CARB: PM10 FRM	Data reported by CARB: PM10 FRM	
Site Start Date	9/1/90			
Pollutant Parameters	Ozone, PM10 FRM, PM2.5 FEM, PM2.5 FRM, CO, NO_2, NMHC, Speciated VOC			
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, barometric pressure, solar radiation			
Address	908 N. Villa Ave., Clovis CA 93612			
Latitude	N 36.81944			
Longitude	W -119.716			
Elevation (m)	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 FEM**	**PM2.5 FRM**
Parameter Code	44201	81102	88101	88101
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population	Population	Population	High concentration
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research support	Timely/public	Standards/strategy, research support
Monitor type	SLAMS	SLAMS	SLAMS	SLAMS
POC (or primary monitor for PM2.5 and PM10)	1	1	3	1
Method code	087	063	170	
Sampling method (List Instrument)	Teledyne 400 E	Sierra Andersen SSI	Met One BAM 1020	Thermo Partisol 2050
Analysis method	UV	Gravimetric	Beta attenuation	Gravimetric
Start date	1/1/1990	1/1/1990	11/25/2008	9/2012
Operation schedule (e.g. 1:1, 1:3)	1:1	1:6	1:1	1:3
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	7.5 m	7.0 m	7.0 m	5.3 m
Distance from supporting structure (meters)	4.5 m	0.25 m	4.0 m	
Distance from obstructions on roof	____	_____	_____	
Distance from obstructions not on roof (meters)	32.0 m	31.5 m	31.0 m	
Distance from trees (meters)	24.5 m	27.5 m	25.0 m	
Distance to furnace or incinerator flue (meters)	16.0 m	15.5 m	17.0 m	
Distance between collocated monitors (meters)	_____	3.7 m	2.5 m	
Unrestricted airflow (degrees)	355	355	355	360
Probe material (Teflon, etc.)	TEFLON	_____	ALUMINUM	
Residence time (seconds)	9.3	_____	_____	
Frequency of flow rate verification for manual PM samplers audit	_____	Quarterly	_____	
Frequency of flow rate verification for automated PM analyzers audit	_____	_____	Bi-weekly	MONTHLY

Clovis–Villa (1 of 3) continued

Pollutant	Ozone	PM10 FRM	PM2.5 FEM	PM2.5 FRM
Frequency of one-point QC check (gaseous)	1:1	_____	_____	
Last Annual Performance Evaluation (gaseous)	10/20/2009, 11/2/2010, 4/11/2012	_____	_____	
Last two semi-annual flow rate audits for PM monitors	_____	5/27/2010, 11/2/2010, 4/11/2012	5/27/2010, 11/2/2010, 4/11/2012	
Changes planned within the next 18 months (Y/N))	N	N	N	N

Clovis–Villa (2 of 3)

Pollutant	CO	NO_2	Speciated VOC (PAMS)	NMHC (PAMS)
Parameter code	42101	42602	Many	43102
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population	High concentration	Population	Population
Monitor objective	Standards/strategy	Standards/strategy, research	Research	Research
Monitor type	SLAMS	PAMS	PAMS	PAMS
POC	1	1	1	1
Sampling method (List Instrument)	Themo 48i	Thermo 42i	Xontech 910A Xontech 925	Synpec Alpha 115
Method code	054	074	164	177
Analysis method	IR	CL	GC	GC
Start date	1/1/1990	1/1/1990	1/1/1990	1/1/1990
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)	7.5 m	7.5 m	6.5 m	7.5 m
Distance from supporting structure (meters)	4.5 m	4.5 m	0.25 m	4.5 m
Distance from obstructions on roof	____	____	____	____
Distance from obstructions not on roof (meters)	32.0 m	32.0 m	33.5 m	32.0 m
Distance from trees (meters)	24.5 m	24.5 m	28.0 m	24.5 m

Clovis–Villa (2 of 3) continued				
Pollutant	**CO**	**NO_2**	**Speciated VOC (PAMS)**	**NMHC (PAMS)**
Distance to furnace or incinerator flue (meters)	16.0 m	16.0 m	13.5 m	16.0 m
Distance between collocated monitors (meters)	_____	_____	____	____
Unrestricted airflow (degrees)	355	355	350	355
Probe material (Teflon, etc.)	TEFLON	TEFLON	S. STEEL	TEFLON
Residence time (seconds)	8.8	9.5	_____	_____
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)	4/11/2012	4/11/2012	5/10/2010	_____
Last two semi-annual flow rate audits for PM monitors	_____	_____	_____	_____
Changes planned within the next 18 months (Y/N))	N	N	N	N

Clovis–Villa (3 of 3)	
Pollutant	**Met Parameters**
Parameter code	Many
Spatial scale	Regional
Site type	General
Monitor objective	Research, timely/public
Monitor type	PAMS
POC	1
Method code	Many
Sampling method (List Instrument)	ITP- HY-CAL BA 512-A-A-3-B, OT- Met-One 060A-2, BP- Met-One 092, RH- VAISALA HMP45D, SRD- EPPLY Mod.8-48, WD- Met-One 020C, WS- Met One 010C, BP- Met One 092
Analysis method	_____
Start date	1/1/1990

Clovis–Villa (3 of 3) continued	
Pollutant	**Met Parameters**
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	_____
Changes planned within the next 18 months (Y/N))	N

Site name	Fresno–Drummond	
AIRS #	060190007	
County	Fresno	
Collecting (Operating) Agency	All equipment operated by SJVAPCD	
Reporting Agency	Data reported by SJVAPCD: Ozone, CO, NO_2, PM2.5	Data reported by CARB: PM10 FRM
Site Start Date	7/1/84	
Pollutant Parameters	Ozone, PM10 FRM, PM2.5 SPM, CO, NO_2	
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure	
Address	4706 E. Drummond Street, Fresno CA 93725	
Latitude	N 36.70556	
Longitude	W -119.741	
Elevation (m)	89	
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**		**PM2.5 FEM**	**CO**	**NO_2**
Parameter code	44201	81102		88101	42101	42602
Spatial scale	Neighborhood	Neighborhood		Neighborhood	Neighborhood	Neighborhood
Site type	Population, regional transport	Population		High Concentration	Population	High concentration
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research support		Timely/public, research support	Standards/strategy	Standards/strategy
Monitor type	SLAMS	SLAMS	Other	SPM	SLAMS	SLAMS
POC	1	1 (Primary)	3 (Collocated)	3	1	1
Method code	087	063		170	054	074
Sampling method (List Instrument)	Teledyne 400 E	Sierra Andersen SSI		Met One BAM 1020	Themo 48	Thermo 42Ci
Analysis method	UV	Gravimetric		Beta attenuation	IR	CL
Start date	7/1/1984	7/1989	Collocated Scheduled to start 10/2012	10/1/2012	7/1/1984	7/1/1984
Operation schedule (e.g. 1:1, 1:3)	1:1	1:6		1:1	1:1	1:1
Sampling season	ALL YEAR	ALL YEAR		ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	8.5 m	6 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

Fresno–Drummond (1 of 2) continued					
Pollutant	**Ozone**	**PM10 FRM**	**PM2.5**	**CO**	**NO_2**
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	355	360	360
Probe material (Teflon, etc.)	TEFLON	_____	ALLUMINUM	TEFLON	TEFLON
Residence time (seconds)	13.4	_____		12.9	14.6
Frequency of flow rate verification for manual PM samplers audit	_____	Quarterly	Bi-weekly	_____	_____
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)	3/6/2013	_____		3/6/2013	3/6/2013
Last two semi-annual flow rate audits for PM monitors	_____	2/28/2012, 3/6/2013	2/28/2012, 3/6/2013	_____	_____
Changes planned within the next 18 months (Y/N)	N	N	N	N	N

Fresno–Drummond (2 of 2)	
Pollutant	**Met Parameters**
Parameter code	Many
Spatial scale	Regional
Site type	General
Monitor objective	Research, timely/public
Monitor type	SLAMS
POC	1
Method code	Many
Sampling method (List Instrument)	ITP- HY-CAL BAAA3B, OT- Met One 060A-2, BP- Met One 092, WD- Met One 020C, WS- Met One 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	_____
Changes planned within the next 18 months (Y/N)	N

Site name	Fresno–Garland	
AIRS #	060190011	
County	Fresno	
Collecting (Operating) Agency	All equipment operated by CARB	
Reporting Agency	Data reported by CARB: PM10 FRM, PM10 FEM, PM2.5 FRM, PM2.5 Non-FEM, CO, NO_2, Toxics	Data reported by NPS: SO_2
Site Start Date	12/31/2011	
Pollutant Parameters	Ozone, PM10 FEM, PM2.5 FRM, PM2.5 Non-FEM, CO, NO_2, SO_2, Toxics	
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure	
Address	3727 N. First St., Ste.104, Fresno CA 93726	
Latitude	N 36.78538	
Longitude	W -119.77321	
Elevation (m)	97	
Location		
Distance to road		
Traffic Count		
Ground Cover	Roof	

In December 2011, CARB moved the Fresno-First air monitoring station to Garland Avenue which is two blocks north of the Fresno-First site.

Fresno–Garland (1 of 3)				
Pollutant	**Ozone**	**PM10 FEM**	**PM2.5 FRM**	**PM2.5 FRM**
Parameter code	44201	TBD (85101 or 81102)	88101	88101
Spatial scale	Neighborhood	Urban	Neighborhood	Neighborhood
Site type	Population	NCORE	High concentration	High concentration
Monitor objective	Max Precursor Emissions Impact	Population Exposure	Population Exposure	
Monitor type	SLAMS	SLAMS	SLAMS	
POC	1	1	1 (Primary)	2 (Collocated)
Method code	087	TBD	118	118
Sampling method (List Instrument)	API/Teledyne 400	Met One BAM 1020	R&P 2025	R&P 2025
Analysis method	UV	Beta Attenuation	Sequential	Sequential
Start date		8/16/2012		
Operation schedule (e.g. 1:1, 1:3)	1:1	1-Hour	Daily	1:6
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)		5.9 m		
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)	4.2	--	--	
Frequency of flow rate verification for manual PM samplers audit	--	--	Once a Month	Once a Month

In December 2011, CARB moved the Fresno-First air monitoring station to Garland Avenue which is two blocks north of the Fresno-First site.

Fresno–Garland (1 of 3) continued				
Pollutant	**Ozone**	**PM10 FEM**	**PM2.5 FRM**	**PM2.5 FRM**
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)	09/22/2010	--	--	
Last two semi-annual flow rate audits for PM monitors	--		06/08/2010	
Changes planned within the next 18 months (Y/N))	Y	N	Y	Y

Fresno–Garland (2 of 3)						
Pollutant	**PM2.5 FEM**	**PM2.5 Non-FEM**	**PM2.5**		**CO**	**NO_2**
Parameter code	88101	88501	88502		42101	42602
Spatial scale	Neighborhood	Neighborhood	Neighborhood		Neighborhood	Neighborhood
Site type	High concentration	High concentration	High concentration		Population	Population
Monitor objective		Population Exposure	Population Exposure		Max Precursor Emissions Impact	Max Precursor Emissions Impact
Monitor type	SLAMS	SPM (Non-regulatory)	Trend	Improve	SPM	SLAMS
POC	3	3	5	1	3	1
Method code	170	731	810	707	731	074
Sampling method (List Instrument)	MetOne 1020	MetOne 1020	R&P 2025		Dasibi 3008	API 200E
Analysis method		Beta Attenuation	Gravimetric			
Start date						
Operation schedule (e.g. 1:3, 1-Hour, etc.)	1-Hour	1-Hour	Daily		1:1	1:1
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR		ALL YEAR	ALL YEAR

In December 2011, CARB moved the Fresno-First air monitoring station to Garland Avenue which is two blocks north of the Fresno-First site.

Fresno–Garland (2 of 3) continued					
Pollutant	**PM2.5 FEM**	**PM2.5 Non-FEM**	**PM2.5**	**CO**	**NO_2**
Probe height (meters)					
Distance from supporting structure (meters)					
Distance from obstructions on roof					
Distance from obstructions not on roof (meters)	None	None	None	None	None
Distance from trees (meters)	None	None	None	None	None
Distance to furnace or incinerator flue (meters)	None	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)	2.5	--	--		2.6
Frequency of flow rate verification for manual PM samplers audit		--	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	Twice a month
Last Annual Performance Evaluation (gaseous)	4/11/2012	--	--	4/11/2012	4/11/2012
Last two semi-annual flow rate audits for PM monitors		4/11/2012	4/11/2012	--	--
Changes planned within the next 18 months (Y/N)	Y	Y	Y	Y	Y

In December 2011, CARB moved the Fresno-First air monitoring station to Garland Avenue which is two blocks north of the Fresno-First site.

Fresno–Garland (3 of 3)			
Pollutant	**SO_2**	**Toxics**	**Met Parameters**
Parameter code	42401	Many	Many
Spatial scale	Neighborhood	Neighborhood	Regional
Site type	Population	Population	General
Monitor objective	Other	Unknown	Research, timely/public
Monitor type	SLAMS	Many	Many
POC	1	Many	Many
Method code	009	Many	Many
Sampling method (List Instrument)	-	Xontech 924	
Analysis method	Thermo 43	--	
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
Distance from trees (meters)	None	None	None
Distance to furnace or incinerator flue (meters)	None	None	None
Distance between collocated monitors (meters)	None	--	--
Unrestricted airflow (degrees)	--	360	360
Probe material (Teflon, etc.)	360	Teflon	Teflon
Residence time (seconds)	Teflon		
Frequency of flow rate verification for manual PM samplers audit	5.9	--	--
Frequency of flow rate verification for automated PM analyzers audit	--	--	--
Frequency of one-point QC check (gaseous)	--	Twice a month	--

In December 2011, CARB moved the Fresno-First air monitoring station to Garland Avenue which is two blocks north of the Fresno-First site.

Fresno–Garland (3 of 3) continued			
Pollutant	**SO_2**	**Toxics**	**Met Parameters**
Last Annual Performance Evaluation (gaseous)	Twice a month	09/23/2010	--
Last two semi-annual flow rate audits for PM monitors	4/11/2012	--	--
Changes planned within the next 18 months (Y/N)	N	N	N

In December 2011, CARB moved the Fresno-First air monitoring station to Garland Avenue which is two blocks north of the Fresno-First site.

Site name	Fresno–Pacific
AIRS #	060195025
County	Fresno
Collecting (Operating) Agency	All equipment operated by SJVAPCD
Reporting Agency	All data reported by Ventura County APCD
Site Start Date	1/1/00
Pollutant Parameters	PM2.5 FRM
Meteorological Parameters	None
Address	1716 Winery, Fresno CA 93726
Latitude	N 36.72639
Longitude	W -119.733
Elevation (m)	100
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**
Parameter code	88101
Spatial scale	Neighborhood
Site type	Population
Monitor objective	Standards/strategy, research support
Monitor type	SLAMS
POC	1
Method code	120
Sampling method (List Instrument)	Thremo Partisol 2025
Analysis method	GRAVI-METRIC
Start date	1/1/2000
Operation schedule (e.g. 1:1, 1:3)	1:3,
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	3/1/2012, 3/6/2013
Changes planned within the next 18 months (Y/N)	N

Site name	Fresno–Sky Park
AIRS #	060190242
County	Fresno
Collecting (Operating) Agency	All equipment operated by SJVAPCD
Reporting Agency	All data reported by SJVAPCD
Site Start Date	7/1/86
Pollutant Parameters	Ozone, CO, NO_2
Meteorological Parameters	Wind speed, wind direction, outdoor temperature
Address	4508 Chennault Ave, Fresno CA 93722
Latitude	N 36.84056
Longitude	W -119.874
Elevation (m)	65
Location	Portable building
Distance to road	11.5 m (west)
Traffic Count	100
Ground Cover	Gravel

Fresno–Sky Park				
Pollutant	**Ozone**	**CO**	**NO_2**	**Met Parameters**
Parameter code	44201	42101	42602	Many
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
Monitor type	SLAMS	SLAMS	SLAMS	SLAMS
POC	1	1	1	1
Method code	087	054	074	Many
Sampling method (List Instrument)	Teledyne 400E	Thermo 48	Thermo 42I	ITP- BA-512-A-A-3-B, OT- Met One 060A-2, WD- Met One 020C, WS- Met One 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)	10.9	10.9	12.6	____
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	____

Fresno–Sky Park (continued)				
Pollutant	**Ozone**	**CO**	**NO_2**	**Met Parameters**
Last Annual Performance Evaluation (gaseous)	3/7/2013	3/7/2013	3/7/2013	3/7/2013
Last two semi-annual flow rate audits for PM monitors	____	____	____	____
Changes planned within the next 18 months (Y/N)	N	N	N	N

Site name	Huron
AIRS #	060192008
County	Fresno
Collecting (Operating) Agency	All equipment operated by SJVAPCD
Reporting Agency	All data reported by SJVAPCD
Site Start Date	10/12/09
Pollutant Parameters	PM2.5 Non-FEM
Meteorological Parameters	Barometric pressure
Address	16875 4th St., Huron, CA 93234
Latitude	N 36.2363
Longitude	W -119.765689
Elevation (m)	112
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 Non-FEM**	**Met Parameters**
Parameter code	88502	64101
Spatial scale	Neighborhood	Neighborhood
Site type	Population	Population
Monitor objective	Timely/public	Timely/public
Monitor type	SPM	-
POC	3	1
Method code	731	
Sampling method (List Instrument)	Met One BAM 1020	ITP- Hy-Cal BA-512-A-A-3-B, BP- Met One 092
Analysis method	BETA-ATTENUATION	
Start date	Q3-2009	2/1/2010
Operation schedule (e.g. 1:1, 1:3, 1-Hour)	1-Hour	1:1
Sampling season	ALL YEAR	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)	N/A	
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	11/28/2011, 5/8/2012	
Changes planned within the next 18 months (Y/N)	N	N

Site name	Parlier
AIRS #	060194001
County	Fresno
Collecting (Operating) Agency	All equipment operated by SJVAPCD
Reporting Agency	All data reported by SJVAPCD
Site Start Date	1/1/06
Pollutant Parameters	Ozone, NO_2, Speciated VOC, NMHC
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, barometric pressure, solar radiation
Address	9240 S. Riverbend Ave., Parlier CA 93648
Latitude	N 36.59722
Longitude	W -119.504
Elevation (m)	78
Location	Portable building in university field
Distance to road	500 m+ (north)
Traffic Count	8700
Ground Cover	Dirt/vegetated

Parlier (1 of 2)				
Pollutant	**Ozone**	**NO_2**	**Total Speciated VOC**	**NMHC**
Parameter code	44201	42602	43102	Many
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
Monitor type	PAMS	PAMS	PAMS	PAMS
POC	1	1	1	1
Method code	087	074	164	177
Sampling method (List Instrument)	Teledyne 400 E	Teledyne 200E	Xontech 910A	Baseline 8900
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)	10.3	11.0	_____	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)	1/23/2012	1/23/2012	5/10/2010	_____

Parlier (1 of 2) continued				
Pollutant	**Ozone**	**NO_2**	**Speciated VOC**	**NMHC**
Last 2 semi-annual flow rate audits, PM monitors	_____	_____	_____	_____
Changes planned within the next 18 months (Y/N)	N	N	N	Y

Parlier (2 of 2)	
Pollutant	**Met Parameters**
Parameter code	Many
Spatial scale	Regional
Site type	General
Monitor objective	Research, timely/public
Monitor type	PAMS
POC	1
Method code	Many
Sampling method (List Instrument)	ITP- Hy-Cal 512AA3B, OT- Met One 060A-2, BP- Met One 092, RH- Vaisala HMP45D, SRD- Epply Mod.8-48, WD- Met One 020C, WS- Met One 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	_____

Parlier (2 of 2) continued

Pollutant	Met Parameters
Frequency of one-point QC check (gaseous)	_____
Last Annual Performance Evaluation (gaseous)	_____
Last two semi-annual flow rate audits for PM monitors	_____
Changes planned within the next 18 months (Y/N)	N

Site name	Tranquillity
AIRS #	060192009
County	Fresno
Collecting (Operating) Agency	All equipment operated by SJVAPCD
Reporting Agency	All data reported by SJVAPCD
Site Start Date	11/9/2009
Pollutant Parameters	Ozone, PM2.5 FEM
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure
Address	32650 W. Adams, Tranquillity CA 93668
Latitude	N 36.600833
Longitude	-120.382222
Elevation (m)	59
Location	Portable shed
Distance to road	186 m (south)
Traffic Count	
Ground Cover	Gravel/vegetation

Tranquillity			
Pollutant	**Ozone**	**PM2.5 FEM**	**Met Parameters**
Parameter code	44201		Many
Spatial scale	Urban	Urban	Urban
Site type	Population	Population	Population
Monitor objective	Timely/public	Timely/public	Timely/public
Monitor type	SPM	SPM	
POC	1	3	1
Method code	087	170	Many
Sampling method (List Instrument)	Teledyne 400 E(IZS)	Met One BAM 1020	ITP- Hy-Cal 512AA3B, OT- Met One 060A-2, BP- Met One 092, WD- Met One 020C, WS- Met One 010C
Analysis method	UV	BETA-ATTENUATION	
Start date	10/30/2009	10/30/2009	10/30/2009
Operation schedule (e.g. 1:1, 1:3)	1:1	1-Hour	1:1
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	4 m	4 m	10 m
Distance from supporting structure (meters)			
Distance from obstructions on roof			
Distance from obstructions not on roof (meters)			
Distance from trees (meters)	102 m	102 m	102 m
Distance to furnace or incinerator flue (meters)	97.5 m	97.5 m	97.5 m
Distance between collocated monitors (meters)			
Unrestricted airflow (degrees)	360	360	360
Probe material (Teflon, etc.)	TEFLON	ALUMINUM	
Residence time (seconds)	6.7	N/A	
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)	1:1		
Last Annual Performance Evaluation (gaseous)	5/8/2012		
Last 2 semi-annual flow rate audits, PM monitors		11/30/2011, 5/8/2012	
Changes planned within the next 18 months (Y/N)	N		

Site name	Arvin–Di Giorgio
AIRS #	060295002
County	Kern
Collecting (Operating) Agency	All equipment operated by CARB
Reporting Agency	All data reported by CARB
Site Start Date	11/16/2009
Pollutant Parameters	Ozone
Meteorological Parameters	Outdoor temperature
Address	19405 Buena Vista Blvd, Arvin CA 93203
Latitude	N 35° 14' 21"
Longitude	W -118° 47' 18.6"
Elevation (m)	107
Location	
Distance to road	10 m
Traffic Count	500
Ground Cover	Dirt

Arvin–Di Giorgio	
Pollutant	**Ozone**
Parameter code	44201
Spatial scale	Neighborhood
Site type	
Monitor objective	Population Exposure
Monitor type	Maximum concentration
POC	1
Method code	087
Sampling method (List Instrument)	
Analysis method	UV
Start date	11/16/2009
Operation schedule (e.g. 1:1, 1:3)	1:1
Sampling season	ALL YEAR
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)	350
Probe material (Teflon, etc.)	TEFLON
Residence time (seconds)	8.0
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
Last Annual Performance Evaluation (gaseous)	10/16/2012
Last two semi-annual flow rate audits for PM monitors	____
Changes planned within the next 18 months (Y/N)	Y

Site name	Bakersfield–Planz
AIRS #	060290016
County	Kern
Collecting (Operating) Agency	All equipment operated by CARB
Reporting Agency	All data reported by Ventura County APCD
Site Start Date	9/19/00
Pollutant Parameters	PM2.5 FRM
Meteorological Parameters	None
Address	401 E. Planz Rd., Bakersfield CA 93307
Latitude	N 36° 19' 52"
Longitude	W 118° 59' 59"
Elevation (m)	145
Location	
Distance to road	500 m
Traffic Count	1000
Ground Cover	Asphalt

Bakersfield–Planz	
Pollutant	**PM2.5 FRM**
Parameter code	88101
Spatial scale	Neighborhood
Site type	Population
Monitor objective	Population Exposure
Monitor type	SLAMS
POC	1
Method code	120
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	10/26/2011, 4/18/2012
Changes planned within the next 18 months (Y/N)	Y

Site name	Bakersfield–California	
AIRS #	060290014	
County	Kern	
Collecting (Operating) Agency	Equipment operated by CARB: PM10 FRM, PM2.5 FRM, PM2.5 Non-FEM, NO_2, Toxics, Meteorology	Equipment operated by SJVAPCD: Temporary PM10 FEM, Moved to Bak-Muni
Reporting Agency	Data reported by CARB: PM10 FRM, PM2.5 FRM, NO_2, Toxics, Meteorology	
Site Start Date	3/1/94	
Pollutant Parameters	Ozone, PM10 FRM, PM2.5 FRM, PM2.5 Non-FEM, NO_2, Toxics	
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure	
Address	5558 California Ave., Bakersfield CA 93309	
Latitude	N 35° 21’ 24”	
Longitude	N 119° 3’ 46”	
Elevation (m)	117	
Location		
Distance to road	300 m	
Traffic Count	10000	
Ground Cover	Roof	

Bakersfield–California (1 of 2)					
Pollutant	**Ozone**	**PM10 FRM**	**PM10 FRM**	**PM2.5 FRM**	**PM2.5 FRM**
Parameter code	44201	81102	81102	88101	88101
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population	Population		Population	Population
Monitor objective	Unknown	Unknown	Unknown	Population Exposure	Other
Monitor type	SLAMS	SLAMS	Other (Collocated)	SLAMS (Primary)	SLAMS (Collocated)
POC	1	1	2	1	2
Method code	087	063	063	118	118
Sampling method (List Instrument)	API/Teledyne 400	SA/GMW 1200	SA/GMW 1200	R&P 2025	R&P 2025
Analysis method	UV	Gravimetric	Gravimetric	Sequential	Sequential
Start date		4/1/1994	1/3/2003	1/1/1999	1/1/1999
Operation schedule (e.g. 1:6, Daily, etc.)	1:1	1:6	1:6	Daily	1:6
Sampling season					
Probe height (meters)				7.3	
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	Once per month

Bakersfield–California (1 of 2) continued					
Pollutant	**Ozone**	**PM10 FRM**	**PM10 FRM**	**PM2.5 FRM**	**PM2.5 FRM**
Frequency of flow rate verification for automated PM analyzers audit	--	--		--	--
Frequency of one-point QC check (gaseous)	Twice per month	--		--	--
Last Annual Performance Evaluation (gaseous)	4/17/2012	--		--	--
Last two semi-annual flow rate audits for PM monitors	--	10/25/2011, 4/17/2012	10/25/2011, 4/17/2012	10/25/2011, 4/17/2012	10/25/2011, 4/17/2012
Changes planned within the next 18 months (Y/N)	N	N		N	N

Bakersfield–California (2 of 2)					
Pollutant	**PM2.5 Non-FEM**	**PM2.5 Non-FEM**	**NO_2**	**Toxics**	**Met Parameters**
Parameter code	88501	88501	42602	Many	Many
Spatial scale	Neighborhood		Neighborhood	Neighborhood	Regional
Site type	Population		Population	Population	General
Monitor objective	Other	Other	Unknown	Unknown	Research, Timely/public
Monitor type	SPM Non-Regulatory (Primary)	SPM Non-Regulatory (Collocated)	SLAMS	Many	Many
POC	3	4	1	Many	Many
Method code	731	731	074	Many	Many
Sampling method (List Instrument)	Met One BAM 1020	Met One BAM 1020	API 200A	Xontech 924	
Analysis method	PM2.5 SCC Beta	PM2.5 SCC Beta	CL		
Start date	12/1/2001	12/1/2001			
Operation schedule (e.g. 1:1, 1-Hour)	1-Hour	1-Hour	1:1	1:1	1:1
Sampling season					
Probe height (meters)	2.0	2.0			
Distance from supporting structure (meters)					

Bakersfield–California (2 of 2) continued					
Pollutant	**PM2.5 Non-FEM**	**PM2.5 Non-FEM**	**NO_2**	**Toxics**	**Met Parameters**
Distance from obstructions not on roof (meters)	None	None	None	None	None
Distance from trees (meters)	None	None	None	None	None
Distance to furnace or incinerator flue (meters)	None	None	None	None	None
Distance between collocated monitors (meters)	3.0		--		--
Unrestricted airflow (degrees)	360	360	360	360	360
Probe material (Teflon, etc.)	Teflon	Teflon	Teflon	Teflon	Teflon
Residence time (seconds)	--	--	14.7	--	--
Frequency of flow rate verification for manual PM samplers audit	--	--	--	--	--
Frequency of flow rate verification for automated PM analyzers audit	Twice per month	Twice per month	--	--	--
Frequency of one-point QC check (gaseous)	--	--	Twice per month	Twice per month	--
Last Annual Performance Evaluation (gaseous)	--	--	4/17/2012	12/13/2009	--
Last two semi-annual flow rate audits for PM monitors	10/25/2011, 4/17/2012	10/25/2011, 4/17/2012	--	--	--
Changes planned within the next 18 months (Y/N)	N	N	N	N	N

Site name	Bakersfield-Muni
AIRS #	060292012
County	Kern
Collecting (Operating) Agency	All equipment operated by SJVAPCD
Reporting Agency	All data reported by SJVAPCD
Site Start Date	Speciated VOC PAMS equipment 6/2012; PM10 and PM2.5 equipment, and Met Parameters 7/2012; NMHC PAMS 10/2012
Pollutant Parameters	Ozone, CO, NO_2, Speciated-VOC for PAMS program, NMHC (PAMS), PM10 FEM, PM2.5 FEM
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, barometric pressure, solar radiation
Address	2000 South Union Ave., Bakersfield, CA 93307
Latitude	N 35.33132
Longitude	W -119.000044
Elevation (m)	116 m
Location	Portable building in lot
Distance to road	305 m + (west)
Traffic Count	71000
Ground Cover	Paved

The Bakersfield-Golden State AMS was closed in December 2009 and was relocated to the Bakersfield- Municipal Airport (Bakersfield-Muni) AMS in 2012. The PM10 and PM2.5 monitors were operational at Bakersfield-Muni from July 2012 until late February 2013. See Appendix C for details.

Bakersfield-Muni (1 of 3)					
Pollutant	**Ozone**	**PM10 STP FEM**	**PM10 LC FEM**	**PM2.5 FRM**	**PM2.5 Non-FEM (Non-regulatory)**
Parameter Code	44201	81102	85101	88101	88502
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	High Concentration	High Concentration	High Concentration	High Concentration	High Concentration
Monitor objective	Standards/Strategy, Research Support, Timely/Public	Standards/Strategy, Research support	Research support	Standards/Strategy, Research Support, Timely/Public	Population Exposure
Monitor type	SLAMS				
POC (or primary monitor for PM2.5 and PM10)	1	1	1	1	3
Method code	087	079	079	145	170
Sampling method (List Instrument)	Teledyne 400 E	Met One BAM 1020	Met One BAM 1020	Thermo Partisol 2025i	Met One BAM 1020
Analysis method		BETA ATTENUATION	BETA ATTENUATION	Gravimetric	BETA ATTENUATION
Start date	6/2012	7/2012	7/2012	7/2012	7/2012
Operation schedule (e.g. 1:1, 1:3)	1:1	1:1	1:1	1:3	1:1
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR	Seasonal	ALL YEAR
Probe height (meters)					
Distance from supporting structure (meters)					
Distance from obstructions on roof					
Distance from obstructions not on roof (meters)					

The Bakersfield-Golden State AMS was closed in December 2009 and was relocated to the Bakersfield- Municipal Airport (Bakersfield-Muni) AMS in 2012. The PM10 and PM2.5 monitors were operational at Bakersfield-Muni from July 2012 until late February 2013. See Appendix C for details. Site information is still being compiled for Bakersfield-Muni.

Bakersfield-Muni (1 of 3) continued					
Pollutant	**Ozone**	**PM10 STP FEM**	**PM10 LC FEM**	**PM2.5 FRM**	**PM2.5 BAM/Non-FEM**
Distance from trees (meters)					
Distance to furnace or incinerator flue (meters)					
Unrestricted airflow (degrees)					
Probe material (Teflon, etc.)					
Residence time (seconds)	11.4				
Frequency of flow rate verification for manual PM samplers audit	_____				_____
Frequency of flow rate verification for automated PM analyzers audit	_____	_____			
Last Annual Performance Evaluation (gaseous)	12/4/2012	_____			_____
Last two semi-annual flow rate audits for PM monitors	_____				
Changes planned within the next 18 months (Y/N))	N	N	N	N	N

Bakersfield-Muni (2 of 3)				
Pollutant	**CO**	**NO_2**	**Speciated-VOC (PAMS)**	**NMHC (PAMS)**
Parameter code	42101	42602	Many	43102
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population	High concentration	High Concentration	Population
Monitor objective	Standards/strategy	Standards/strategy, research	Research	Research

Bakersfield-Muni (2 of 3) continued				
Pollutant	**CO**	**NO_2**	**Speciated-VOC (PAMS)**	**NMHC (PAMS)**
Monitor type	SLAMS	PAMS	PAMS	PAMS
POC	1	1	1	1
Sampling method (List Instrument)	Thermo 48i TLE	Teledyne 200E	Xontech 910 Xontech 925	Thermo 48i TLE
Method code	054	074	011	164
Analysis method				
Start date	7/2012	7/2012	6/2012	Scheduled for 10/2012
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)				
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)				
Unrestricted airflow (degrees)				
Probe material (Teflon, etc.)				
Residence time (seconds)	12.6	13.0	_____	_____
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)				
Last Annual Performance Evaluation (gaseous)	12/4/2012	12/4/2012		
Last two semi-annual flow rate audits for PM monitors				
Changes planned within the next 18 months (Y/N)	N	N	N	N

Site information is still being compiled for Bakersfield-Muni.

Bakersfield-Muni (3 of 3)	
Pollutant	**Met Parameters**
Parameter code	Many
Spatial scale	Regional
Site type	General
Monitor objective	Research, Timely/Public
Monitor type	PAMS
POC	1
Method code	Many
Sampling method (List Instrument)	
Analysis method	
Start date	7/2012
Operation schedule (e.g. 1:1, 1:3)	1:1
Sampling season	ALL YEAR
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	
Changes planned within the next 18 months (Y/N)	N

Site name	Edison
AIRS #	060290007
County	Kern
Collecting (Operating) Agency	All equipment operated by CARB
Reporting Agency	All data reported by CARB
Site Start Date	1/1/80
Pollutant Parameters	Ozone, NO_2
Meteorological Parameters	Wind speed, wind direction, outdoor temperature
Address	Johnson Farm-Shed Rd, Edison CA 93320
Latitude	N 35° 20' 45"
Longitude	N 119° 51' 6"
Elevation (m)	172
Location	
Distance to road	450
Traffic Count	50000
Ground Cover	Dirt

Edison			
Pollutant	**Ozone**	**NO_2**	**Met Parameters**
Parameter code	44201	42602	Many
Spatial scale	Neighborhood	Neighborhood	Regional
Site type	High concentration, regional transport	Population	General
Monitor objective	Unknown	Unknown	Research, timely/public
Monitor type	SLAMS	SLAMS	Other
POC	1	1	1
Method code	087	074	Many
Sampling method (List Instrument)	API/Teledyne 400	API 200 A	
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)	9.4	8.5	--
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)	4/18/2012	4/18/2012	--
Last two semi-annual flow rate audits for PM monitors	--	--	--
Changes planned within the next 18 months (Y/N)	N	N	N

Site name	Lebec
AIRS #	060292009
County	Kern
Collecting (Operating) Agency	All equipment operated by SJVAPCD
Reporting Agency	All data reported by SJVAPCD
Site Start Date	1/20/2009
Pollutant Parameters	PM2.5 Non-FEM
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure
Address	1277 Beartrap Road, Lebec, CA 93243
Latitude	34.8415
Longitude	-118.861
Elevation (m)	1063
Location	
Distance to road	
Traffic Count	67000
Ground Cover	Dirt, vegetated

Lebec			
Pollutant	**PM2.5 Non-FEM**	**Met Parameters**	
Parameter code	88502	Many	
Spatial scale	Neighborhood	Regional	
Site type	Population	General	
Monitor objective	Timely/public	Research, timely/public	
Monitor type	SPM	SPM	
POC	3	1	
Method code	731	Many	
Sampling method (List Instrument)	Met One BAM 1020	ITP- Hy-Cal 512AA3B, OT- Met One 060A-2, BP- Met One 092, WD- Met One 020C, WS-Met One 010C	
Analysis method	BETA-ATTENUATION		
Start date	1/27/2009	Outdoor temperature, wind speed, wind direction 12/9/2009	Barometric pressure 1/28/2010
Operation schedule (e.g. 1:1, 1-Hour)	1-Hour	1:1	
Sampling season	ALL YEAR	ALL YEAR	
Probe height (meters)	5.5 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)			
Distance to furnace or incinerator flue (meters)			
Distance between collocated monitors (meters)			
Unrestricted airflow (degrees)	360	360	
Probe material (Teflon, etc.)	ALUMINUM		
Residence time (seconds)	N/A		
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)	10/25/2011, 4/10/2012		
Last two semi-annual flow rate audits for PM monitors			
Changes planned within the next 18 months (Y/N))	N		

Site name	Maricopa
AIRS #	060290008
County	Kern
Collecting (Operating) Agency	All equipment operated by SJVAPCD
Reporting Agency	All data reported by SJVAPCD
Site Start Date	7/1/87
Pollutant Parameters	Ozone
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure
Address	755 Stanislaus St., Maricopa CA 93352
Latitude	35.05139
Longitude	W -119.403
Elevation (m)	289
Location	In old school building
Distance to road	500 m + (north)
Traffic Count	0
Ground Cover	Gravel

Maricopa		
Pollutant	**Ozone**	**Met Parameters**
Parameter code	44201	Many
Spatial scale	Neighborhood	Regional
Site type	Regional transport	General
Monitor objective	Timely/public, standards/strategy, research support	Research, timely/public
Monitor type	SLAMS	SLAMS
POC	1	1
Method code	087	Many
Sampling method (List Instrument)	Teledyne 400 E	ITP- Hy-Cal 512AA3B, OT- Met One 060A-2, BP- Met One 092, WD- Met One 020C, WS-Met One 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)	6.2	_____
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)	1:1	_____
Last Annual Performance Evaluation (gaseous)	10/16/2012	_____
Last two semi-annual flow rate audits for PM monitors	_____	_____
Changes planned within the next 18 months (Y/N)	N	N

Site name	Oildale
AIRS #	060290232
County	Kern
Collecting (Operating) Agency	All equipment operated by CARB
Reporting Agency	All data reported by CARB
Site Start Date	1/1/80
Pollutant Parameters	Ozone, PM10 FRM
Meteorological Parameters	None
Address	3311 Manor St, Oildale CA 93308
Latitude	N 35° 28'17"
Longitude	N 119° 1' 0"
Elevation (m)	183
Location	
Distance to road	150 m
Traffic Count	10000
Ground Cover	Dirt

Oildale		
Pollutant	**Ozone**	**PM10 FRM**
Parameter code	44201	81102
Spatial scale	Neighborhood	Neighborhood
Site type	Regional transport	Population
Monitor objective	Highest Concentration	Unknown
Monitor type	SLAMS	SLAMS
POC	1	2
Method code	087	063
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
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)	10.4	--
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)	4/19/2012	
Last two semi-annual flow rate audits for PM monitors	--	10/24/2011, 4/19/2012
Changes planned within the next 18 months (Y/N)	N	N

Site name	Shafter	
AIRS #	060296001	
County	Kern	
Collecting (Operating) Agency	Equipment operated by CARB: Ozone, NO_2	Equipment operated by SJVAPCD: Meteorology, Speciated VOC, NMHC
Reporting Agency	Data reported by CARB: Ozone, NO_2	Data reported by SJVAPCD: Speciated VOC, NMHC, Meteorology
Site Start Date	1/1/89	
Pollutant Parameters	Ozone, NO_2, Speciated VOC, NMHC	
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, solar radiation	
Address	578 Walker St, Shafter CA 93263	
Latitude	N 35° 30'13"	
Longitude	N 119° 16' 21"	
Elevation (m)	126	
Location	DMV building	
Distance to road	10 m	
Traffic Count		
Ground Cover	Asphalt	

Shafter (1 of 2)				
Pollutant	**Ozone**	**NO_2**	**Total Speciated VOC**	**NMHC**
Parameter code	44201	42602	43102	Many
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	General/background	Population	Population	Population
Monitor objective	Population Exposure	Population Exposure	Research	Research
Monitor type	PAMS	PAMS	PAMS	PAMS
POC	1	1	1	1
Method code	087	074	164	177
Sampling method (List Instrument)	Teledyne 400E (ARB)	Thermo TECO 42, 42C, 42i	Xontech 910A	Thermo TECO 55C
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)	15.7	19.1	____	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)	10/17/2012	10/17/2012	5/10/2010	____
Last two semi-annual flow rate audits for PM monitors	____	____	____	____
Changes planned within the next 18 months (Y/N)	N	N	N	N

Shafter (2 of 2)	
Pollutant	**Met Parameters**
Parameter code	Many
Spatial scale	Regional
Site type	General
Monitor objective	Research, timely/public
Monitor type	Other
POC	1
Method code	Many
Sampling method (List Instrument)	ITP- Hy-Cal BA512AA3BB, OT- Met One 060A-2, SRD- Epply Mod. 8-48, WD- Met One 020B, WS- Met One 010C, BP- Met One 092
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	____
Changes planned within the next 18 months (Y/N)	N

Site name	Corcoran–Patterson		
AIRS #	060310004		
County	Kings		
Collecting (Operating) Agency	All equipment operated by SJVAPCD		
Reporting Agency	Data reported by SJVAPCD: PM2.5 FEM, PM10 FEM, Meteorology	Data reported by Ventura County APCD: PM2.5 FRM	
Site Start Date	10/1/96		
Pollutant Parameters	PM10 FEM, PM2.5 FRM, PM2.5 FEM		
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure		
Address	1520 Patterson Ave, Corcoran CA 93212		
Latitude	N 36.10222		
Longitude	W -119.566		
Elevation (m)	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	**PM10 FEM**	**PM2.5 FRM**
Parameter code	81102	88101
Spatial scale	Neighborhood	Neighborhood
Site type	High concentration	High concentration
Monitor objective	Timely/public	Standards/strategy, research support
Monitor type	SLAMS	SLAMS
POC	7	1
Method code	079	120
Sampling method (List Instrument)	Thermo TEOM 1400	Thermo Partisol 2025i
Analysis method	TAPERED ELEMENT	Gravimetric
Start date	8/8/2005	9/6/2012
Operation schedule (e.g. 1:1, 1:3, 1-Hour)	1-Hour	1:3
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)	_____	_____
Distance from trees (meters)	48.0 m	50.0 m
Distance to furnace or incinerator flue (meters)	_____	_____
Distance between collocated monitors (meters)		
Unrestricted airflow (degrees)	360	360
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	BI-WEEKLY	_____
Frequency of one-point QC check (gaseous)	_____	_____
Last Annual Performance Evaluation (gaseous)	_____	_____
Last two semi-annual flow rate audits for PM monitors	1/26/2011, 11/19/2012	1/26/2011, 11/19/2012
Changes planned within the next 18 months (Y/N)	N	N

Corcoran–Patterson (2 of 2)	
Pollutant	**Met Parameters**
Parameter code	Many
Spatial scale	Regional
Site type	General
Monitor objective	Research, timely/public
Monitor type	Many
POC	Many
Method code	Many
Sampling method (List Instrument)	ITP- Hy-Cal 512AA3B, OT- Met One 060A-2, BP- Met One 090D2, WD- Met One 020C, WS-Met One 010C ITP - 110-50HV, OT-06A-2, BP-090D, WD-020C, WS-010B
Analysis method	_____
Start date	10/1/1996
Operation schedule (e.g. 1:1, 1-Hour)	1:1
Sampling season	ALL YEAR
Probe height (meters)	9.6 m
Distance from supporting structure (meters)	_____
Distance from obstructions on roof	_____
Distance from obstructions not on roof (meters)	_____
Distance from trees (meters)	51.5 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	_____
Changes planned within the next 18 months (Y/N)	N

Site name	Hanford–Irwin	
AIRS #	060311004	
County	Kings	
Collecting (Operating) Agency	All equipment operated by SJVAPCD	
Reporting Agency	Data reported by SJVAPCD: Ozone, PM10 FEM, PM2.5 FEM, NO_2, Meteorology	Data reported by CARB: PM10 FRM
Site Start Date	10/11/93	
Pollutant Parameters	Ozone, PM10 FRM, PM10 FEM, PM2.5 FEM, NO_2	
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure	
Address	807 S Irwin St, Hanford CA 93230	
Latitude	N 36.31472	
Longitude	W -119.644	
Elevation (m)	82	
Location	School roof	
Distance to road	158 m (south)	
Traffic Count	3383	
Ground Cover	Vegetation/roof material	

Hanford–Irwin (1 of 2)			
Pollutant	**Ozone**	**PM10 FRM**	**PM10 FEM**
Parameter code	44201	81102	81102
Spatial scale	Neighborhood	Neighborhood	Neighborhood
Site type	Population	Population	Population
Monitor objective	Timely/public, standards/strategy, research support	Standards/strategy, research support	Standards/strategy, research support
Monitor type	SLAMS	SLAMS	SLAMS
POC	1	1	3
Method code	087	063	079
Sampling method (List Instrument)	Teledyne 400 E	Sierra Andersen SSI	Thermo TEOM 1400
Analysis method	UV	Gravimetric	Tapered Element
Start date	2/25/2010	10/11/1993	7/14/2010
Operation schedule (e.g. 1:1, 1:3, 1-Hour)	1:1	1:6	1-Hour
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	5.5 m	5.5 m	5.5 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	360	
Probe material (Teflon, etc.)	TEFLON		
Residence time (seconds)	13.2		
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		
Last Annual Performance Evaluation (gaseous)	1/25/2012		
Last two semi-annual flow rate audits for PM monitors		1/24/2011, 1/25/2012	1/24/2011, 1/25/2012
Changes planned within the next 18 months (Y/N)	N	N	N

Hanford–Irwin (2 of 2)			
Pollutant	**PM2.5 FEM (Regulatory)**	**NO_2**	**Met Parameters**
Parameter code	88101	42602	Many
Spatial scale	Neighborhood	Neighborhood	Neighborhood
Site type	Population	Population	Population
Monitor objective	Research Support Timely/Public	Timely/public, standards/strategy, research support	Timely/public, Sandards/strategy, research support
Monitor type	SPM	SLAMS	Many
POC	3	1	Many
Method code	170	074	Many
Sampling method (List Instrument)	Met One BAM 1020	Teledyne 200 E	ITP- Hy-Cal 512AA3B, OT- Met One 060A-2, BP- Met One 092, WD- Met One 020C, WS-Met One 010C
Analysis method	BETA	CL	
Start date	2/25/2010	2/25/2010	2/25/2010
Operation schedule (e.g. 1:1, 1-Hour)	1-Hour	1:1	1:1
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	5.5 m	5.5 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)			
Distance to furnace or incinerator flue (meters)			
Distance between collocated monitors (meters)			
Unrestricted airflow (degrees)	360	360	360
Probe material (Teflon, etc.)	ALUMINUM	TEFLON	
Residence time (seconds)		14.5	
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)		1:1	

Hanford–Irwin (2 of 2) continued			
Pollutant	**PM2.5 FEM (Regulatory)**	**NO_2**	**Met Parameters**
Last Annual Performance Evaluation (gaseous)		1/25/2012	
Last two semi-annual flow rate audits for PM monitors	1/24/2011, 1/25/2012		
Changes planned within the next 18 months (Y/N)	N	N	N

Site name	Madera–City
AIRS #	060392010
County	Madera
Collecting (Operating) Agency	All equipment operated by SJVAPCD
Reporting Agency	All data reported by SJVAPCD
Site Start Date	6/1/2010
Pollutant Parameters	Ozone, PM10 FEM, PM2.5 FEM
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, barometric pressure, solar radiation
Address	28261 Avenue 14, Madera CA 93638
Latitude	N 36.953282
Longitude	-120.03421
Elevation (m)	84
Location	Portable building
Distance to road	686 m
Traffic Count	
Ground Cover	Asphalt

Madera—City				
Pollutant	**Ozone**	**PM10 FEM**	**PM2.5 FEM**	**Met Parameters**
Parameter code	44201	85101	88101	Many
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	General/background	Population	Population	General/background
Monitor objective	Timely/public, standards/strategy, research support	Timely/public	Timely/public	Timely/public, standards/strategy, research support
Monitor type	SLAMS	SLAMS	SPM	SLAMS
POC	1	3	3	1
Method code	087	079	170	Many
Sampling method (List Instrument)	Teledyne 400 E (IZS)	Thermo TEOM 1400	Met One BAM 1020	ITP- Hy-Cal 512AA3B, OT- Met One 060A-2, BP- Met One 092, WD- Met One 020C, WS- Met One 010C
Analysis method	UV	TAPERED ELEMENT	BETA	
Start date	6/1/2010	6/1/2010	6/1/2010	
Operation schedule (e.g. 1:1, 1-Hour)	1:1	1-Hour	1-Hour	
Sampling season	ALL YEAR	ALL YEAR		
Probe height (meters)	5.5 m	5.5 m	5.5 m	
Distance from supporting structure (meters)	0.1 m	0.5 m	0.5 m	
Distance from obstructions on roof				
Distance from obstructions not on roof (meters)	39 m	35 m	37.5 m	
Distance from trees (meters)	13 m	15.5 m	14.5 m	
Distance to furnace or incinerator flue (meters)	48 m	43.5 m	45 m	
Distance between collocated monitors (meters)				
Unrestricted airflow (degrees)	360	360	360	
Probe material (Teflon, etc.)	TEFLON	STAINLESS STEEL	ALUMINUM	

Madera—City (continued)				
Pollutant	**Ozone**	**PM10 FEM**	**PM2.5 FEM**	**Met Parameters**
Residence time (seconds)	10.2			
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			
Last Annual Performance Evaluation (gaseous)	5/8/2012			
Last two semi-annual flow rate audits for PM monitors		12/1/2011, 5/8/2012	12/1/2011, 5/8/2012	
Changes planned within the next 18 months (Y/N)	N	N	N	N

Site name	Madera–Pump Yard
AIRS #	060390004
County	Madera
Collecting (Operating) Agency	All equipment operated by SJVAPCD
Reporting Agency	All data reported by SJVAPCD
Site Start Date	10/1/99
Pollutant Parameters	Ozone, NO_2, Speciated VOC, NMHC, Carbonyls
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	N 36.86722
Longitude	W -120.01
Elevation (m)	85
Location	Portable building, outside school
Distance to road	16.0 m (west)
Traffic Count	0
Ground Cover	Dirt, paved

Madera–Pump Yard (1 of 2)				
Pollutant	**Ozone**	**NO_2**	**Speciated VOC**	**NMHC**
Parameter code	44201	42602	43102	Many
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
Monitor type	PAMS	PAMS	PAMS	PAMS
POC	1	1	1	1
Method code	087	074	164	177
Sampling method (List Instrument)	Teledyne 400E	Thermo 42i	Xontech 910A	Thermo TECO 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)	14.3	14.9		16.9
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)	11/1/2012	11/1/2012	5/10/2010	_____
Last two semi-annual flow rate audits for PM monitors	_____	_____	_____	_____
Changes planned within the next 18 months (Y/N)	N	N	N	N

Madera–Pump Yard (2 of 2)	
Pollutant	**Met Parameters**
Parameter code	Many
Spatial scale	Regional
Site type	General
Monitor objective	Research, timely/public
Monitor type	Many
POC	Many
Method code	Many
Sampling method (List Instrument)	ITP- Hy-Cal 512AA3B, OT- Met One 060A-2, BP- Met One 092, RH- Vaisala HMP45D, SRD- Epply Mod. 8-48, WD- Met One 020C, WS-Met One 010C
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	_____
Changes planned within the next 18 months (Y/N)	N

Site name	Merced–Coffee
AIRS #	060470003
County	Merced
Collecting (Operating) Agency	All equipment operated by SJVAPCD
Reporting Agency	All data reported by SJVAPCD
Site Start Date	10/1/91
Pollutant Parameters	Ozone, PM2.5 FEM, NO_2
Meteorological Parameters	Wind speed, wind direction, outdoor temperature
Address	385 S. Coffee St., Merced CA 95340
Latitude	37.28167
Longitude	-120.434
Elevation (m)	86
Location	Portable building, residential area
Distance to road	20 m (east)
Traffic Count	0
Ground Cover	Dirt, vegetated

Merced–Coffee				
Pollutant	**Ozone**	**PM2.5 FEM**	**NO_2**	**Met Parameters**
Parameter code	44201	88101	42602	Many
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Regional
Site type	Population	Population	Population	General
Monitor objective	Timely/public, standards/strategy, research support	Timely/public	Standards/strategy	Research, timely/public
Monitor type	SLAMS	SPM	SLAMS	Other
POC	1	3	1	Many
Method code	087	170	074	Many
Sampling method (List Instrument)	Teledyne 400E	Met One BAM 1020	Thermo TECO 42C	ITP- Hy-Cal 512AA3B, OT- Met One 060A-2, WD- Met One 020C, WS-Met One 010C
Analysis method	UV	BETA	CL	____
Start date	10/1/1991		10/1/1991	10/1/1991
Operation schedule (e.g. 1:1, 1-Hour)	1:1	1-Hour	1:1	1:1
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	5.0 m	5.5 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	13.5 m
Distance to furnace or incinerator flue (meters)	____		____	____
Distance between collocated monitors (meters)	____		____	____
Unrestricted airflow (degrees)	345	345	345	345
Probe material (Teflon, etc.)	TEFLON	ALUMINUM	TEFLON	____
Residence time (seconds)	12.0		14.1	____
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)	1:1		1:1	____
Last Annual Performance Evaluation (gaseous)	11/15/2012		11/15/2012	____

Merced–Coffee (continued)				
Pollutant	**Ozone**	**PM2.5 FEM**	**NO_2**	**Met Parameters**
Last two semi-annual flow rate audits for PM monitors	____	4/25/2011, 11/15/2012	____	____
Changes planned within the next 18 months (Y/N)	N	N	N	N

Site name	Merced—M Street	
AIRS #	060472510	
County	Merced	
Collecting (Operating) Agency	All equipment operated by SJVAPCD	
Reporting Agency	Data reported by CARB: PM10 FRM	Data reported by Ventura County APCD: PM2.5 FRM
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 (m)	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**
Parameter code	81102	88101
Spatial scale	Neighborhood	Neighborhood
Site type	High Concentration/Population	High Concentration/Population
Monitor objective	Standards/strategy, research support	Standards/strategy, research support
Monitor type	SLAMS	SLAMS
POC	1	1
Method code	063	120
Sampling method (List Instrument)	Sierra Andersen SSI	Thermo Partisol 2025
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
Sampling season	ALL YEAR	ALL YEAR
Probe height (meters)	8.7 m	8.7 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	11/16/2011, 5/1/2012	11/16/2011, 5/1/2012
Changes planned within the next 18 months (Y/N)	N	N

Site name	Manteca
AIRS #	060772010
County	San Joaquin
Collecting (Operating) Agency	All equipment operated by SJVAPCD
Reporting Agency	All data reported by SJVAPCD
Site Start Date	11/16/10
Pollutant Parameters	PM2.5 FEM; PM10 FEM
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure
Address	530 Fishback Rd., Manteca CA 95337
Latitude	37.7933804512
Longitude	-121.24778867
Elevation (m)	11
Location	Portable building, cement pad, dirt, corner near school
Distance to road	12 M to Fishback Rd
Traffic Count	
Ground Cover	Sidewalk, dirt, grass

Manteca			
Pollutant	**PM2.5 FEM**	**PM10 FEM**	**Met Parameters**
Parameter code	88101	85101	Many
Spatial scale	Neighborhood	Neighborhood	Neighborhood
Site type	Population	Population	Population
Monitor objective	Standards/Strategy Research Support	Standards/Strategy Research Support	Standards/Strategy Research Support
Monitor type	SLAMS	SPM	Non-regulatory
POC	3	3	1
Method code	170	079	Many
Sampling method (List Instrument)	Met One BAM 1020	Thermo TEOM 1400	ITP- Hy-Cal 512AA3B, OT- Met One 060A-2, BP- Met One 092, WD- Met One 020C, WS- Met One 010C
Analysis method			
Start date	11/16/10	5/2/11	11/16/10
Operation schedule (e.g. 1:1, 1-Hour)	1-Hour	1-Hour	1:1
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	6M	6M	10M
Distance from supporting structure (meters)	1.5 M	1.5 M	
Distance from obstructions on roof	0	0	
Distance from obstructions not on roof (meters)	87.5 M	87.5 M	87.5 M
Distance from trees (meters)	53.5 M	53.5 M	53.5 M
Distance to furnace or incinerator flue (meters)	n/a	n/a	n/a
Distance between collocated monitors (meters)	n/a	n/a	n/a
Unrestricted airflow (degrees)	360	360	360
Probe material (Teflon, etc.)	Aluminum	Teflon	
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	Bi-Weekly	
Frequency of one-point QC check (gaseous)	n/a	n/a	n/a

Manteca (continued)			
Pollutant	**PM2.5 FEM**	**PM10 FEM**	**Met Parameters**
Last Annual Performance Evaluation (gaseous)	n/a	n/a	n/a
Last two semi-annual flow rate audits for PM monitors	12/13/2011, 5/31/2012	12/13/2011, 5/31/2012	
Changes planned within the next 18 months (Y/N)	N	N	N

Site name	Stockton–Hazelton
AIRS #	060771002
County	San Joaquin
Collecting (Operating) Agency	All equipment operated by CARB
Reporting Agency	All data reported by CARB
Site Start Date	
Pollutant Parameters	Ozone, PM10 FRM, PM2.5FRM, PM2.5 FEM, CO, NO_2, Toxics
Meteorological Parameters	Outdoor temperature
Address	1593 E. Hazelton St., Stockton CA 95205
Latitude	N 37° 57' 6"
Longitude	N 121° 16' 8"
Elevation (m)	4
Location	
Distance to road	62 m
Traffic Count	1000
Ground Cover	Roof

Stockton–Hazelton (1 of 2)			
Pollutant	**Ozone**	**PM10 FRM**	**PM2.5 FEM**
Parameter code	44201	81102	88101
Spatial scale	Neighborhood	Neighborhood	Neighborhood
Site type	Population	Population	Population
Monitor objective	Unknown	Highest Concentration	Population Exposure
Monitor type	SLAMS	SLAMS	SLAMS
POC	1	2	3
Method code	087	063	170
Sampling method (List Instrument)	API/Teledyne 400	Sierra Anderson 1200	Met One 1020
Analysis method	UV	Gravimetric	Beta Attenuation
Start date			
Operation schedule (e.g. 1:1, 1:3, 1-Hour)	1:1	1:6	1-Hour
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)	0.0	0.0	0.0
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)	8.5	--	--
Frequency of flow rate verification for manual PM samplers audit	--	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)	3/21/2012	--	--
Last two semi-annual flow rate audits for PM monitors	--	02/13/2013	02/13/2013
Changes planned within the next 18 months (Y/N)	N	N	N

Stockton–Hazelton (2 of 2)				
Pollutant	**NO_2**	**Toxics SN20021014**	**Toxics SN20021016**	**Met Parameters**
Parameter code	42602	Many	Many	Many
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Regional
Site type	Population	Population	Population	General
Monitor objective	Unknown	Unknown	Unknown	Research, timely/public
Monitor type	SLAMS	Many	Many	Many
POC	2	Many	Many	Many
Method code	074	Many	Many	Many
Sampling method (List Instrument)	Thermo Teco 42, 42C, 42i	Xontech 924	Xontech 924	
Analysis method	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)	0.0	0.0.	0.0.	0.0.
Distance to furnace or incinerator flue (meters)	None	None	None	None
Distance between collocated monitors (meters)	--	2	2	--
Unrestricted airflow (degrees)	360	360	360	360
Probe material (Teflon, etc.)	Teflon	Teflon	Teflon	Teflon
Residence time (seconds)	9.2	--	--	--
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)				
Last Annual Performance Evaluation (gaseous)	3/21/2012	10/26/2010	10/26/2010	

Stockton–Hazelton (2 of 2) continued				
Pollutant	**NO_2**	**Toxics SN20021014**	**Toxics SN20021016**	**Met Parameters**
Last two semi-annual flow rate audits for PM monitors				
Changes planned within the next 18 months (Y/N)	N	N	N	N

Site name	Stockton–Wagner/Holt
AIRS #	060773010
County	San Joaquin
Collecting (Operating) Agency	All equipment operated by SJVAPCD
Reporting Agency	All data reported by CARB
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 (m)	7
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**
Parameter code	81102
Spatial scale	Neighborhood
Site type	Population
Monitor objective	Standards/strategy, research support
Monitor type	SLAMS
POC	1
Method code	063
Sampling method (List Instrument)	Sierra Anderson SSI
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	3/21/2012, 2/13/2013
Changes planned within the next 18 months (Y/N)	Y

Site name	Tracy–Airport
AIRS #	060773005
County	San Joaquin
Collecting (Operating) Agency	All equipment operated by SJVAPCD
Reporting Agency	All data reported by SJVAPCD
Site Start Date	1/11/05
Pollutant Parameters	Ozone, PM10 FEM, PM2.5 Non-FEM, NO_2
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure, radio acoustic sounding system (RASS)
Address	5749 S. Tracy Blvd., Tracy CA 95376
Latitude	37.682682
Longitude	-121.442393
Elevation (m)	30
Location	Municipal airport yard
Distance to road	685.7 m
Traffic Count	868
Ground Cover	Gravel

Tracy–Airport (1 of 2)				
Pollutant	**Ozone**	**PM10 FEM**	**PM2.5 Non-FEM**	**NO_2**
Parameter code	44201	81102	88502	42602
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
Monitor type	SLAMS	SPM	SPM	SLAMS
POC	1	3	3	1
Method code	087	079	731	074
Sampling method (List Instrument)	Teledyne 400E	Thermo TEOM 1400	Met One BAM 1020	Thermo 200E
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-Hour)	1:1	1-Hour	1-Hour	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)	10.1	_____	_____	16.2
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)	5/3/2012	_____	_____	5/3/2012

Tracy–Airport (1 of 2) continued				
Pollutant	**Ozone**	**PM10 FEM**	**PM2.5 Non-FEM**	**NO_2**
Last two semi-annual flow rate audits for PM monitors	_____	4/6/2011, 5/3/2012	4/6/2011, 5/3/2012	_____
Changes planned within the next 18 months (Y/N)	N	N	N	N

Tracy–Airport (2 of 2)	
Pollutant	**Met Parameters**
Parameter code	Many
Spatial scale	Regional
Site type	General
Monitor objective	Research, timely/public
Monitor type	SLAMS
POC	Many
Method code	Many
Sampling method (List Instrument)	I ITP- Hy-Cal 512AA3B, OT- Met One 060A-2, BP- Met One 092, WD- Met One 020C, WS-Met One 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	_____

Tracy–Airport (2 of 2) continued	
Pollutant	**Met Parameters**
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	_____
Changes planned within the next 18 months (Y/N)	N

Site name	Modesto–14th Street
AIRS #	060990005
County	Stanislaus
Collecting (Operating) Agency	All equipment operated by CARB
Reporting Agency	All data reported by CARB
Site Start Date	1/1/81
Pollutant Parameters	Ozone, PM10 FRM, PM2.5 FRM, PM2.5 FEM, CO
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure
Address	814 14th Street, Modesto CA 95354
Latitude	N 37° 38' 31"
Longitude	W 120° 59' 39"
Elevation (m)	27
Location	
Distance to road	13 m
Traffic Count	10000
Ground Cover	Roof

Modesto–14th Street (1 of 2)				
Pollutant	**Ozone**	**PM10 FRM**	**PM2.5 FRM**	**PM2.5 FEM**
Parameter code	44201	81102	88101	88101
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population	Population	Population	Population
Monitor objective	Unknown	Unknown	Population Exposure	Population Exposure
Monitor type	SLAMS	SLAMS	SLAMS	SLAMS
POC	1	3	1	3
Method code	087	063	118	170
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-Hour)	1:1	1:6	1:3	1-Hour
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)	--	--	--	--
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)	5/31/2012	--	--	--
Last two semi-annual flow rate audits for PM monitors	--	11/18/2011, 5/31/2012	11/18/2011, 5/31/2012	11/18/2011, 5/31/2012
Changes planned within the next 18 months (Y/N)	N	N	N	N

Modesto–14th Street (2 of 2)			
Pollutant	**CO**	**PM2.5 Speciation**	**Met Parameters**
Parameter code	42101	Many	Many
Spatial scale	Neighborhood	Neighborhood	Regional
Site type	Population		General
Monitor objective	Unknown		
Monitor type	SLAMS	Supplemental speciation	SLAMS
POC	1	5	Many
Method code	067	811/812	Many
Sampling method (List Instrument)	Dasibi 3008		
Analysis method	IR	Gravimetric	
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)	--		--
Frequency of flow rate verification for manual PM samplers audit	--		--
Frequency of flow rate verification for automated PM analyzers audit	--		--

Modesto–14th Street (2 of 2) continued			
Pollutant	**CO**	**PM2.5 Speciation**	**Met Parameters**
Frequency of one-point QC check (gaseous)	Twice a month		--
Last Annual Performance Evaluation (gaseous)	5/31/2012		--
Last two semi-annual flow rate audits for PM monitors	--		--
Changes planned within the next 18 months (Y/N)	N	N	N

Site name	Turlock	
AIRS #	060990006	
County	Stanislaus	
Collecting (Operating) Agency	All equipment operated by SJVAPCD	
Reporting Agency	Data reported by SJVAPCD: Ozone, PM2.5 FEM, CO, NO_2, Meteorology	Data reported by CARB: PM10 FRM
Site Start Date	1994	
Pollutant Parameters	Ozone, PM10 FRM, PM2.5 FEM, CO, NO_2	
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure	
Address	1034 S. Minaret St., Turlock CA 95380	
Latitude	37.48806	
Longitude	-120.836	
Elevation (m)	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 FEM**	**CO**
Parameter code	44201	81102	88101	42101
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
Monitor type	SLAMS	SLAMS	SLAMS	SLAMS
POC	1	1	3	1
Method code	087	063	170	054
Sampling method (List Instrument)	Teledyne 400E	Sierra Andersen SSI	Met One BAM 1020	Thermo TECO 48C
Analysis method	UV	GRAVIMETRIC	Beta Attenuation	IR
Start date	4/1/2000	9/14/2006	9/14/2006	4/1/2000
Operation schedule (e.g. 1:1, 1:3, 1-Hour)	1:1	1:6	1-Hour	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)	14.5	____	____	14.7
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	5/1/2012	____	____	5/1/2012

(gaseous)				
Turlock (1 of 2) continued				
Pollutant	**Ozone**	**PM10 FRM**	**PM2.5 FEM**	**CO**
Last two semi-annual flow rate audits for PM monitors	____	11/17/2011, 5/1/2012	11/17/2011, 5/1/2012	____
Changes planned within the next 18 months (Y/N)	N	N	N	N

Turlock (2 of 2)			
Pollutant	**NO_2**	**Met Parameters**	
Parameter code	42602	Many	
Spatial scale	Neighborhood	Regional	
Site type	Population	General	
Monitor objective	Standards/strategy	Research, timely/public	
Monitor type	SLAMS	Other	
POC	1	1	
Method code	074	Many	
Sampling method (List Instrument)	Teledyne 200 E	ITP- Hy-Cal 512AA3B, OT- Met One 060A-2, BP- Met One 092, WD- Met One 020C, WS-Met One 010C	
Analysis method	CL	____	
Start date	4/1/2000	Wind speed and wind direction 4/1/2000	Outdoor temperature and barometric pressure 9/3/2008
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)	14.5	____	

Turlock (2 of 2) continued		
Pollutant	**NO_2**	**Met Parameters**
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)	5/1/2012	____
Last two semi-annual flow rate audits for PM monitors	____	____
Changes planned within the next 18 months (Y/N)	N	N

Site name	Porterville
AIRS #	061072010
County	Tulare
Collecting (Operating) Agency	All equipment operated by SJVAPCD
Reporting Agency	All data reported by SJVAPCD
Site Start Date	3/8/2010
Pollutant Parameters	Ozone, PM2.5 FEM
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure
Address	1839 S. Newcomb St., Porterville CA 93257
Latitude	N 36.031031
Longitude	W -119.055018
Elevation (m)	41
Location	Portable building on parking lot
Distance to road	160 m (east)
Traffic Count	
Ground Cover	Paved

Porterville			
Pollutant	**Ozone**	**PM2.5 FEM**	**Met Parameters**
Parameter code	44201	88101	Many
Spatial scale	Neighborhood	Neighborhood	Neighborhood
Site type	Population	Population	Population
Monitor objective	Timely/public, standards/strategy, research support	Timely/public	Timely/public
Monitor type	SLAMS	SPM	SLAMS
POC	1	3	1
Method code	087	731	Many
Sampling method (List Instrument)	Teledyne 400 E (IZS)	Met One BAM 1020	ITP- Hy-Cal 512AA3B, OT- Met One 060A-2, BP- Met One 092, WD-Met One 020C, WS-Met One 010C
Analysis method	UV	BETA-ATTENUATION	
Start date	3/8/2010	3/8/2010	3/8/2010
Operation schedule (e.g. 1:1, 1:3, 1-Hour)	1:1	1-Hour	1:1
Sampling season	ALL YEAR	ALL YEAR	ALL YEAR
Probe height (meters)	5.4 m	5.4 m	9.6 m
Distance from supporting structure (meters)			
Distance from obstructions on roof			
Distance from obstructions not on roof (meters)	10 m	10 m	
Distance from trees (meters)			
Distance to furnace or incinerator flue (meters)			
Distance between collocated monitors (meters)			
Unrestricted airflow (degrees)	345	345	345
Probe material (Teflon, etc.)	TEFLON	ALUMINUM	
Residence time (seconds)	15.1		
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)	1:1		
Last Annual Performance Evaluation (gaseous)	5/9/2012		

Porterville (continued)			
Pollutant	**Ozone**	**PM2.5 FEM**	**Met Parameters**
Last two semi-annual flow rate audits for PM monitors		11/29/2011, 5/9/2012	
Changes planned within the next 18 months (Y/N)	N	N	N

Site name	Sequoia–Ash Mountain
AIRS #	061070009
County	Tulare
Collecting (Operating) Agency	All equipment operated by NPS
Reporting Agency	All data reported by NPS
Site Start Date	1/1/00
Pollutant Parameters	Ozone, PM2.5 FRM, PM2.5 FEM, CASTnet (dry deposition)
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, solar radiation
Address	Ash Mountain, Sequoia National Park CA
Latitude	N 36.48944
Longitude	-118.829
Elevation (m)	535
Location	
Distance to road	122 m
Traffic Count	1000
Ground Cover	Dirt

Sequoia–Ash Mountain				
Pollutant	**Ozone**	**PM2.5 FRM**	**PM2.5 FEM**	**Met Parameters**
Parameter code	44201	88501	88502	Many
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
Monitor type	Non-EPA Federal	Non-EPA Federal	Non-EPA Federal	Non-EPA Federal
POC	1	1	1	1
Method code	047	750	707	Many
Sampling method (List Instrument)	Thermo TECO 49, 49C			
Analysis method	UV	Gravimetric	Beta Attenuation	
Start date	2000	1992	2007	
Operation schedule (e.g. Hourly, 1:1, 1:3, 1-Hour)	1:1	1:6	1-Hour	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)	13.4			
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)	7/17/2012			
Last two semi-annual flow rate audits for PM monitors		10/5/2011, 7/17/2012	10/5/2011, 7/17/2012	
Changes planned within the next 18 months (Y/N)	N	N	N	N

Site name	Sequoia–Lower Kaweah
AIRS #	061070006
County	Tulare
Collecting (Operating) Agency	All equipment operated by NPS
Reporting Agency	All data reported by NPS
Site Start Date	4/1/1981
Pollutant Parameters	Ozone, NADP (wet deposition)
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, solar radiation
Address	Lower Kaweah Campground, Sequoia National Park, CA
Latitude	N 36.56611
Longitude	-118.7776
Elevation (m)	1890
Location	
Distance to road	1500 m
Traffic Count	5000
Ground Cover	Dirt

Sequoia–Lower Kaweah		
Pollutant	**Ozone**	**Met Parameters**
Parameter code	44201	Many
Spatial scale	Regional	Regional
Site type	Regional transport	General
Monitor objective	Timely/public, standards/strategy, research support	Research, timely/public
Monitor type	Non-EPA Federal	Non-EPA Federal
POC	1	1
Method code	087	Many
Sampling method (List Instrument)	Thermo 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)	13.9	
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)		
Last Annual Performance Evaluation (gaseous)	10/3/2012	
Last two semi-annual flow rate audits for PM monitors		
Changes planned within the next 18 months (Y/N)	N	N

Site name	Visalia–Airport
AIRS #	061073000
County	Tulare
Collecting (Operating) Agency	All equipment operated by SJVAPCD
Reporting Agency	All data reported by SJVAPCD
Site Start Date	September 2000
Pollutant Parameters	None
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, relative humidity, barometric pressure, solar radiation, radio acoustic sounding system (RASS)
Address	9501 West Airport Drive, Visalia, CA 93277
Latitude	N 39.326683
Longitude	W -119.398406
Elevation (m)	90
Location	Municipal airport yard
Distance to road	81 m (west), 29.5 (parking lot)
Traffic Count	32000
Ground Cover	Vegetated

Visalia–Airport	
Pollutant	**Met Parameters**
Parameter code	Many
Spatial scale	Regional
Site type	General
Monitor objective	Research, timely/public
Monitor type	PAMS
POC	1
Method code	Many
Sampling method (List Instrument)	ITP- Hy-Cal 512AA3B, OT- Met One 060A-2, BP- Met One 092, RH- Vaisala HMP45D, SRD- Epply Mod. 8-48WD- Met One 020C, WS-Met One 010C
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	_____
Changes planned within the next 18 months (Y/N)	N

Site name	Visalia—Church
AIRS #	061072002
County	Tulare
Collecting (Operating) Agency	All equipment operated by CARB
Reporting Agency	All data reported by CARB
Site Start Date	7/1/79
Pollutant Parameters	Ozone, PM10 FRM, PM2.5 FRM, PM2.5 FEM, NO
Meteorological Parameters	Wind speed, wind direction, outdoor temperature, barometric pressure
Address	310 N. Church St., Visalia CA 93291
Latitude	N 36° 19' 57"
Longitude	W 119° 17' 27"
Elevation (m)	97
Location	Portable building
Distance to road	23 m
Traffic Count	10000
Ground Cover	Roof

Visalia—Church (1 of 2)				
Pollutant	**Ozone**	**PM10 FRM**	**PM2.5 FRM**	**PM2.5 Non-FEM**
Parameter code	44201	81102	88101	88501
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Site type	Population	Population	Population	Regional transport
Monitor objective	Unknown	Unknown	Population Exposure	Population Exposure
Monitor type	SLAMS	SLAMS	SLAMS	Non-regulatory
POC	1	2	1	3
Method code	087	063	118	731
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-Hour
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)	13.9	--	--	--
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)	1/24/2012	--	--	--
Last two semi-annual flow rate audits for PM monitors	--	1/25/2011, 1/24/2012	1/25/2011, 1/24/2012	1/25/2011, 1/24/2012
Changes planned within the next 18 months (Y/N)	N	N	N	N

Visalia—Church (2 of 2)			
Pollutant	**NO_2**	**Met Parameters**	**PM2.5 Speciation**
Parameter code	42602	Many	Many
Spatial scale	null	Regional	Neighborhood
Site type	Unknown	General	
Monitor objective	Unknown	Research, timely/public	
Monitor type	SLAMS	Many	Supplemental speciation
POC	1	1	5
Method code		Many	811/812
Sampling method (List Instrument)			
Analysis method			Gravimetric
Start date			
Operation schedule (e.g. 1:1, 1:3)		1:1	
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)		--	
Unrestricted airflow (degrees)		360	
Probe material (Teflon, etc.)		Teflon	
Residence time (seconds)	14.0	--	
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)		--	
Last Annual Performance Evaluation (gaseous)		--	
Last two semi-annual flow rate audits for PM monitors		--	
Changes planned within the next 18 months (Y/N)		N	N