

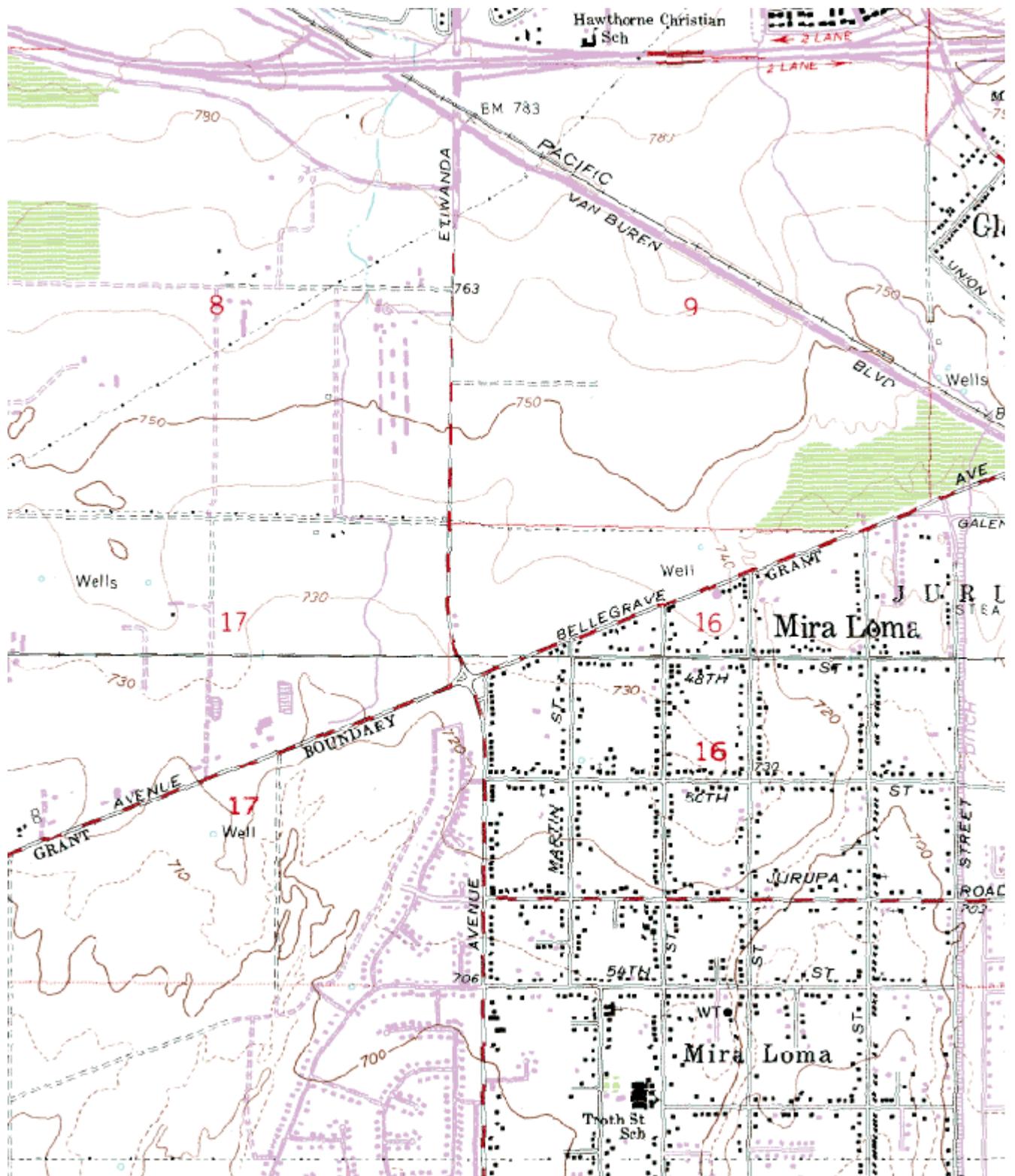
# Quality Assurance Site Survey Report for Mira Loma

Last updated March 2009



AIRS Number	ARB Number	Site Start Date	Reporting Agency and Agency Code
None	33163	10/93	<a href="#">South Coast AQMD (061)</a>

Site Address	County	Air Basin	Latitude	Longitude	Elevation
10551 Bellegrave Ave Mira Loma, CA 91752	<a href="#">Riverside</a>	<a href="#">South Coast</a>	34° 0' 07"	117° 31' 21"	225



# Site Survey Report

## Siting Information

Site Name: Mira Loma	Date: 03/10/09	State Code: 33163	AIRS Number: None
Address: 10551 Bellegrave Ave Mira Loma, CA 91752	Latitude: 34° 0' 07"	Longitude: 117° 31' 21"	Elevation (m): 225
	Senior AQIS: Keith Brown	Site Technician: Twyla Miner	Site Phone: (951) 360-6738
Operating Agency: South Coast AQMD			

## General Siting Conditions

<b>Station Temperature</b> Controlled: Yes Recorded: Yes	<b>Traffic</b> Description: Commercial Distance: 200 meters Count (Veh/Day): 40000	<b>Topography</b> Site: Level Region: Level	Predominant Wind Direction: SW
			Arc Air Flow (Deg): 360 Degrees
		<b>Meteorology</b> Located With Instruments: No	<b>Non-vehicular Local Sources</b> Description: Agriculture Distance: 600 meters Direction: W
Urbanization: Suburban Ground Cover: Asphalt/Dirt	Manifold Clean: Yes		
	Cleaning Schedule: 6 Months		
	Autocalibrator Type: Environics 100		
Site Survey Complete: Yes			
Logbook Up To Date: Yes			

## Action Items

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## Comments

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## Detailed Site Information

Site Name	Mira Loma			
AQS ID (AIRS #)	None			
GIS coordinates	Latitude: 34° 0' 07" Longitude: 117° 31' 21"			
Location	Jurupa Valley High School			
Address	10551 Bellegrave Ave, Mira Loma, CA 91752			
County	Riverside			
Dist. to road	200 meters			
Traffic count	40,000 veh/day			
Groundcover	Asphalt/Dirt			
PEP audit?	N/A			
NPAP audit?	11/28/07			
Flow audit?	12/18/08			
Representative Area	40140-Riverside-San Bernardino-Ontario, CA MSA			
Pollutant	Carbon Monoxide	Nitrogen Dioxide	Ozone	PM10-SSI
Monitor obj	REPRESENTATIVE CONCENTRATIONS	REPRESENTATIVE CONCENTRATIONS	REPRESENTATIVE CONCENTRATIONS	REPRESENTATIVE CONCENTRATION, SITE COMPARISON
Spatial scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale
Sampling method	Horiba APMA-360	API 200	Thermo 49i	TISCH
Serial #	41346760054	261	116256	0206
Property #	16507	E000218	N/A	4962
Last Calibration Date	02/03/09	01/29/09	01/28/09	07/14/08
Analysis method	N/A	N/A	N/A	Weighed by SCAQMD lab
Start date	N/A	N/A	N/A	N/A
Operation schedule	1:1	1:1	1:1	1:6
Sampling season	All Year	All Year	All Year	All Year
Probe height	5.0	5.0	5.0	2.6
Distance from supporting structure	1.8	1.8	1.8	1.6
Distance from obstructions on roof	N/A	N/A	N/A	N/A
Distance from obstructions not on roof	N/A	N/A	N/A	N/A
Distance from trees	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue	N/A	N/A	N/A	N/A
Distance between collocated monitors	N/A	N/A	N/A	N/A
Unrestricted airflow	Yes	Yes	Yes	Yes
Probe material	Teflon	Teflon	Teflon	N/A
Residence time	10.3	10.3	9.9	N/A
Will there be changes within the next 18 months?	Yes	Yes	Yes	Yes

Is it suitable for comparison against the annual PM2.5?	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers audit	N/A	N/A	N/A	Monthly
Frequency of flow rate verification for automated PM analyzers audit	N/A	N/A	N/A	N/A
Frequency of one-point QC check (gaseous)	Nightly	Nightly	Nightly	N/A
Last Annual Performance Evaluation (gaseous)				N/A
Last two semi-annual flow rate audits for PM monitors	N/A	N/A	N/A	06/21/08, 12/04/08

Pollutant	TEOM-PM10			
Monitor obj	HIGHEST CONCENTRATION			
Spatial scale	Neighborhood Scale			
Sampling method	R&P 1400			
Serial #	20013779			
Property #	ARB 208779505			
Last Calibration Date	08/22/08			
Analysis method	N/A			
Start date	N/A			
Operation schedule	Cont			
Sampling season	All Year			
Probe height	5.0			
Distance from supporting structure	1.8			
Distance from obstructions on roof	N/A			
Distance from obstructions not on roof	N/A			
Distance from trees	N/A			
Distance to furnace or incinerator flue	N/A			
Distance between collocated monitors	N/A			
Unrestricted airflow	Yes			
Probe material	N/A			
Residence time	N/A			

Will there be changes within the next 18 months?	Yes			
Is it suitable for comparison against the annual PM2.5?	N/A			
Frequency of flow rate verification for manual PM samplers audit	N/A			
Frequency of flow rate verification for automated PM analyzers audit	Monthly			
Frequency of one-point QC check (gaseous)	N/A			
Last Annual Performance Evaluation (gaseous)	N/A			
Last two semi-annual flow rate audits for PM monitors	N/A			

**Mira Loma  
Site Photos**



**Looking North from the probe.**



**Looking East from the probe.**



**Looking South from the probe.**



**Looking West from the probe.**

**Mira Loma  
Site Photos (Cont.)**



**Looking at the probe from the North.**



**Looking at the probe from the East.**



**Looking at the probe from the South.**



**Looking at the probe from the West.**