

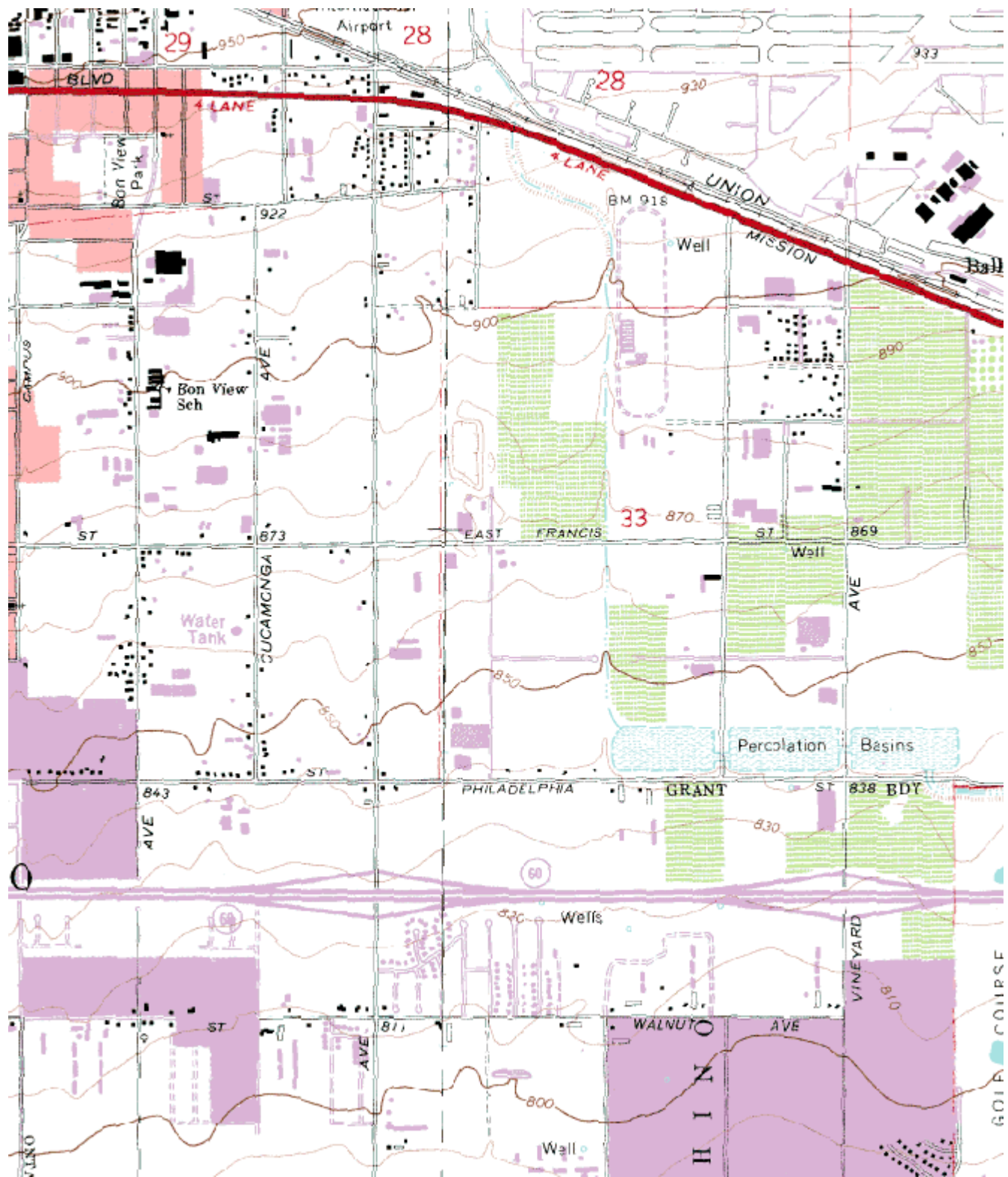
# Quality Assurance Site Survey Report for Ontario-Fire Station

Last updated March 2009



AIRS Number	ARB Number	Site Start Date	Reporting Agency and Agency Code
060710025	36025	01/99	<a href="#">South Coast AQMD (061)</a>

Site Address	County	Air Basin	Latitude	Longitude	Elevation
1408 Francis St Ontario, CA 91761	<a href="#">San Bernardino</a>	<a href="#">South Coast</a>	34° 02' 22"	117° 37' 25"	262



# Site Survey Report

## Siting Information

Site Name: Ontario-Fire Station	Date: 03/10/09	State Code: 36025	AIRS Number: 060710025
Address: 1408 Francis St Ontario, CA 91761	Latitude: 34° 02' 22"	Longitude: 117° 37' 25"	Elevation (m): 262
	Senior AQIS: Keith Brown	Site Technician: Richard Rodgers	Site Phone: N/A
Operating Agency: South Coast AQMD			

## General Siting Conditions

<b>Station Temperature</b> Controlled: No Recorded: No	<b>Traffic</b> Description: Commercial Distance: 100 meters Count (Veh/Day): 20000	<b>Topography</b> Site: Level	Predominant Wind Direction: NE
		Region: Level	Arc Air Flow (Deg): 360 Degrees
		<b>QA Manual</b> Approved: Yes Agency: South Coast AQMD	Probe Last Cleaned: N/A
Urbanization: Suburban	Manifold Clean: N/A		
<b>Meteorology</b> Located With Instruments: No	<b>Non-vehicular Local Sources</b> Description: Fire Station Distance: 50 meters Direction: N	Ground Cover: Gravel	Cleaning Schedule: N/A
			Autocalibrator Type: N/A
			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	Ontario-Fire Station			
AQS ID (AIRS #)	060710025			
GIS coordinates	Latitude: 34° 02' 22" Longitude: 117° 37' 25"			
Location	San Bernardino County Fire Training Facility			
Address	1408 Francis St, Ontario, CA 91761			
County	San Bernardino			
Dist. to road	100 meters			
Traffic count	20,000 veh/day			
Groundcover	Gravel			
PEP audit?	02/27/08			
NPAP audit?	11/16/07			
Flow audit?	N/A			
Representative Area	40140-Riverside-San Bernardino-Ontario, CA MSA			
Pollutant	PM10-SSI	PM10-SSI	PM2.5	PM10 – SSI
Monitor obj	HIGHEST CONCENTRATION	HIGHEST CONCENTRATION	REPRESENTATIVE CONCENTRATION	
Spatial scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale	
Sampling method	Sierra Andersen 1200	Sierra Andersen 1200	Sierra Andersen RAAS PM2.5	
Serial #	1532B	4994A	00119	1557
Property #	B Unit	A Unit	E000007	NFA 54247
Last Calibration Date	09/04/08	11/18/08	11/13/08	11/13/08
Analysis method	Weighed by SCAQMD lab	Weighed by SCAQMD lab	Weighed by SCAQMD lab	
Start date	01/03/99	01/03/99	01/03/99	
Operation schedule	1:6	1:6	1:3	
Sampling season	All Year	All Year	All Year	
Probe height	5.9	5.9	4.8	
Distance from supporting structure	1.6	1.6	1.6	
Distance from obstructions on roof	N/A	N/A	N/A	
Distance from obstructions not on roof	N/A	N/A	N/A	
Distance from trees				
Distance to furnace or incinerator flue	N/A	N/A	N/A	
Distance between collocated monitors	2.0	2.0	N/A	
Unrestricted airflow	Yes	Yes	Yes	
Probe material	N/A	N/A	N/A	
Residence time	N/A	N/A	N/A	
Will there be changes within the next 18 months?	No	No	No	
Is it suitable for comparison against the annual PM2.5?	N/A	N/A	Yes	

Frequency of flow rate verification for manual PM samplers audit	Monthly	Monthly	Monthly	
Frequency of flow rate verification for automated PM analyzers audit	N/A	N/A	N/A	
Frequency of one-point QC check (gaseous)	N/A	N/A	N/A	
Last Annual Performance Evaluation (gaseous)	N/A	N/A	N/A	
Last two semi-annual flow rate audits for PM monitors	11/07, 05/07	11/07, 05/07	11/07, 05/07	

**Ontario-Fire Station  
Site Photos**



**Looking North from the probe.**



**Looking East from the probe.**



**Looking South from the probe.**



**Looking West from the probe.**

**Ontario-Fire Station  
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.**