

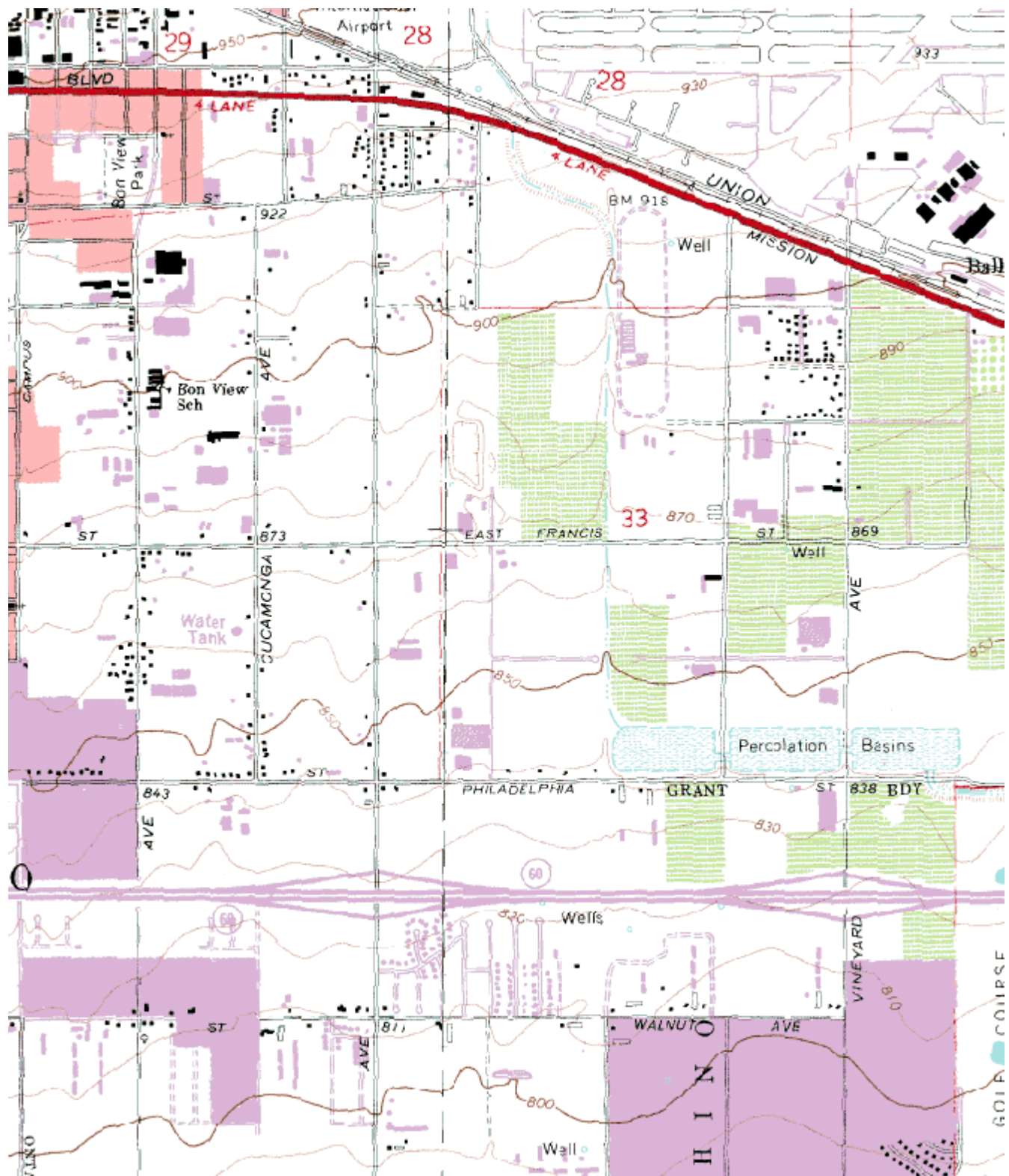
Quality Assurance Site Survey Report for Ontario-Fire Station

Last updated May, 2011



AIRS Number	ARB Number	Site Start Date	Reporting Agency and Agency Code
060710025	36025	01/99	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
1408 Francis St Ontario, CA 91761	San Bernardino	South Coast	34° 02' 22"N	117° 37' 24"W	201



Site Survey Report

Siting Information

Site Name: Ontario-Fire Station	Date: 05/26/11	State Code: 36025	AIRS Number: 060710025
Address: 1408 Francis St Ontario, CA 91761	Latitude: 34° 02' 22"	Longitude: 117° 37' 24"	Elevation (m): 201
	Senior AQIS: Keith Brown	Site Technician: Richard Rodgers	Site Phone: N/A
Operating Agency: South Coast AQMD			

General Siting Conditions

Station Temperature Controlled: No Recorded: No	Traffic Description: Commercial Distance: 43 meters Count (Veh/Day): 2000	Topography Site: Level Region: Level	Predominant Wind Direction: NE
		QA Manual Approved: Yes Agency: South Coast AQMD	Arc Air Flow (Deg): 360 Degrees
			Probe Last Cleaned: N/A
Meteorology Located With Instruments: No	Non-vehicular Local Sources Description: Fire Station Distance: 96 meters Direction: N	Manifold Clean: N/A	Cleaning Schedule: N/A
		Urbanization: Suburban	Autocalibrator Type: N/A
		Ground Cover: Gravel	Site Survey Complete: Yes Logbook Up To Date: Yes

Action Items

Comments

Detailed Site Information

Site name	Ontario-Fire Station			
AQS ID (AIRS #)	060710025			
GIS coordinates	Latitude: 34° 02' 22" Longitude: 117° 37' 24"			
Location	San Bernardino County Fire Training Facility			
Address	1408 Francis St, Ontario, CA 91761			
County	San Bernardino			
Distance to road	43 meters			
Traffic count	2000 veh/day			
Groundcover	Gravel/Grass			
Representative area	40140-Riverside-San Bernardino-Ontario, CA MSA			
Pollutant	PM10-SSI – B	PM10 – SSI – A	PM2.5 RAAS	
Site type	SLAMS	SLAMS	SLAMS	
Monitor objective	Highest Concentration	Highest Concentration	Population Oriented	
Spatial scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale	
Instrument type	Audit	Primary	Primary	
Method code	N/A	N/A	N/A	
POC code	1	1	1	
Instrument manufacturer/model	Tisch SSI	Graseby GMW	Andersen RAAS PM2.5	
Serial #	1532-B	1557-A	00119	
Property #	B Unit	NFA 54247 A Unit	E000007	
Last calibration date	4/14/11	4/14/11	09/09/10	
Analysis method	Gravimetric	Gravimetric	Gravimetric	
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	18m	18m	18m	
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	
Date of last annual performance evaluation	N/A	N/A	N/A	
Dates of semi-annual flow rate audits for PM monitors	6/2/10	6/2/10	6/2/10	
	12/20/10	12/20/10	12/20/10	
Date of past year's PM2.5-PEP audit	N/A	N/A	Scheduled	
Date of past year's Pb-PEP audit	N/A	N/A	N/A	

**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.