

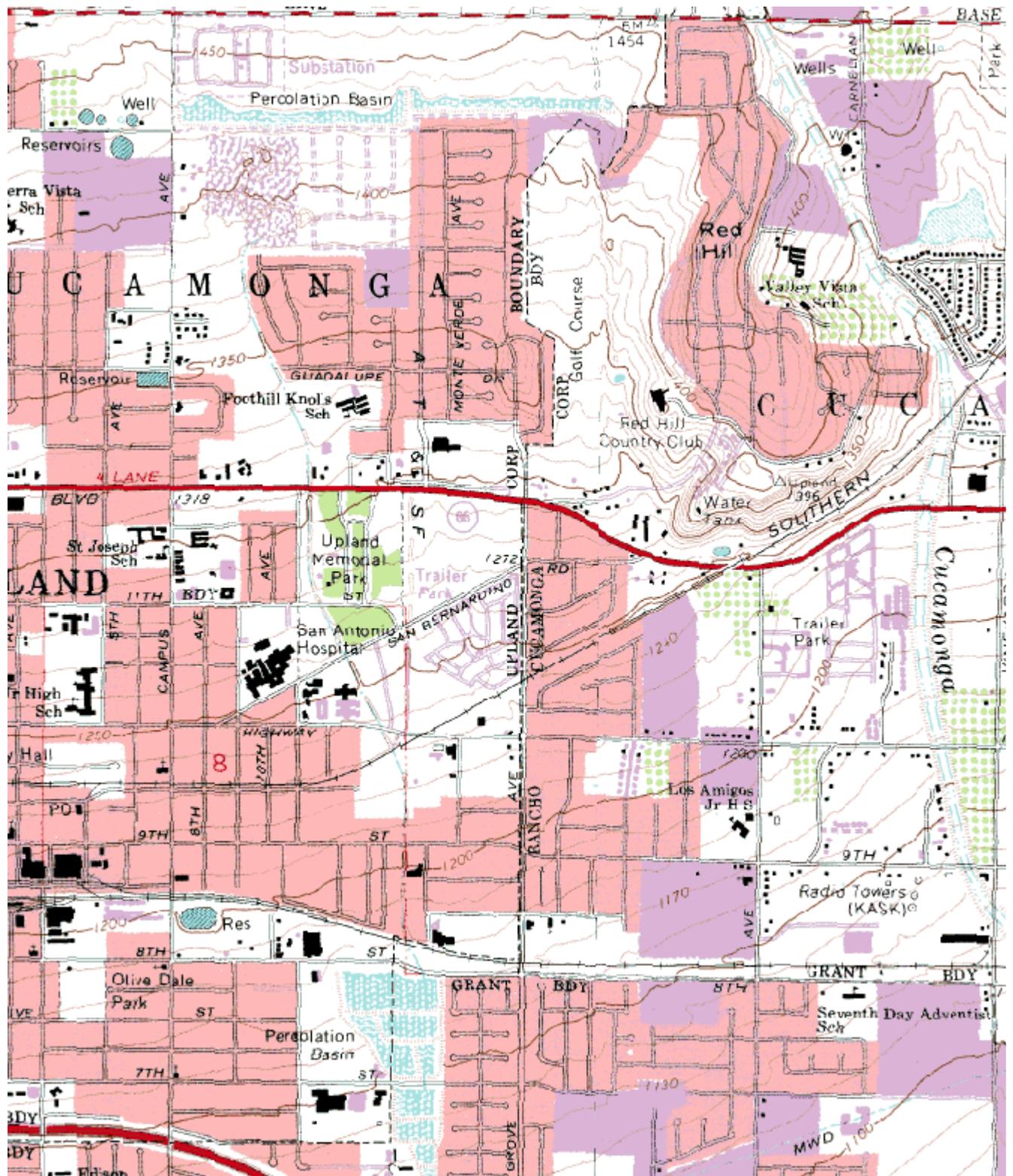
# Quality Assurance Site Survey Report for Upland

Last updated March 2009



AIRS Number	ARB Number	Site Start Date	Reporting Agency and Agency Code
060711004	36175	03/73	<a href="#">South Coast AQMD (061)</a>

Site Address	County	Air Basin	Latitude	Longitude	Elevation
1350 San Bernardino Rd Upland, CA 91786	<a href="#">San Bernardino</a>	<a href="#">South Coast</a>	34° 06' 13"	117° 37' 44"	385



# Site Survey Report

## Siting Information

Site Name: Upland	Date: 03/10/09	State Code: 36175	AIRS Number: 060711004
Address: 1350 San Bernardino Rd, #62 Upland, CA 91786	Latitude: 34° 06' 13"	Longitude: 117° 37' 44"	Elevation (m): 385
	Senior AQIS: Keith Brown	Site Technician: G. Brian Speaks	Site Phone: (909) 982-8214
Operating Agency: South Coast AQMD			

## General Siting Conditions

<b>Station Temperature</b>	<b>Traffic</b>	<b>Topography</b>	Predominant Wind Direction: N
			Arc Air Flow (Deg): 360 Degrees
			Probe Last Cleaned: 05/08
<b>Meteorology</b>	<b>Non-vehicular Local Sources</b>	<b>QA Manual</b>	Manifold Clean: Yes
			Cleaning Schedule: 6 Months
		Approved: Yes	Autocalibrator Type: Environics 100
		Agency: South Coast AQMD	Site Survey Complete: Yes
		Urbanization: Suburban	Logbook Up To Date: Yes
		Ground Cover: Gravel	
Controlled: Yes	Description: Residential	Site: Level	
Recorded: Yes	Distance: 10 meters	Region: Valley	
	Count (Veh/Day): 20		
Located With Instruments: Yes	Description: None	Agency: South Coast AQMD	
	Distance: N/A	Urbanization: Suburban	
	Direction: N/A	Ground Cover: Gravel	

## Action Items

## Comments

## Detailed Site Information

Site Name	Upland			
AQS ID (AIRS #)	060711004			
GIS coordinates	Latitude: 34° 06' 13" Longitude: 117° 37' 44"			
Location	Trailer Park			
Address	1350 San Bernardino Rd, #62, Upland, CA 91786			
County	San Bernardino			
Dist. to road	10 meters			
Traffic count	20 veh/day			
Groundcover	Gravel			
PEP audit?	N/A			
NPAP audit?	N/A			
Flow audit?	01/07			
Representative Area	40140-Riverside-San Bernardino-Ontario, CA MSA			
Pollutant	Carbon Monoxide	Nitrogen Dioxide	Ozone	TEOM
Monitor obj	REPRESENTATIVE CONCENTRATION	REPRESENTATIVE CONCENTRATION	HIGHEST CONCENTRATION	REPRESENTATIVE CONCENTRATION
Spatial scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale
Sampling method	Horiba APMA360	Horiba APMA360	API/Teledyne 400E	R&P 1400a
Serial #	577583094	8517870101	511-S	140A-2268
Property #	16477	0015281	N/A	N/A
Last Calibration Date	01/07/09	01/06/09	01/08/09	12/09/08
Analysis method	N/A	N/A	N/A	N/A
Start date	05/01/92	05/01/92	05/01/92	05/01/92
Operation schedule	1:1	1:1	1:1	1:1
Sampling season	All Year	All Year	All Year	All Year
Probe height	4.7	4.7	4.7	5.1
Distance from supporting structure	1.3	1.3	1.3	1.7
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	SS
Residence time	8.4	8.7	9.5	N/A
Will there be changes within the next 18 months?	No	No	No	No
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	N/A

Frequency of flow rate verification for automated PM analyzers audit	N/A	N/A	N/A	Monthly
Frequency of one-point QC check (gaseous)	Nightly	Nightly	Nightly	N/A
Last Annual Performance Evaluation (gaseous)	01/03/09	10/24/08	10/22/08	N/A
Last two semi-annual flow rate audits for PM monitors	N/A	N/A	N/A	03/01/05, 10/22/08

Pollutant	VOC-PAMS	TSP-Particulates	PM10	
Monitor obj	HIGHEST CONCENTRATION	REPRESENTATIVE CONCENTRATION	REPRESENTATIVE CONCENTRATION	
Spatial scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale	
Sampling method	Xontech 910	GMW 1200	SASS Met One	
Serial #	3991	4957	H7607	
Property #	N/A	N/A	E000383	
Last Calibration Date	10/30/08	12/05/08	12/24/08	
Analysis method	GCMS	Weighed by SCAQMD Lab	Weighed by SCAQMD Lab	
Start date	05/01/92	N/A	12/24/08	
Operation schedule	1:3	1:6 / 1:3	1:6	1:3
Sampling season	Seasonal	All Year	All Year	
Probe height	3.9	2.9	2.9	
Distance from supporting structure	0.5	2.0	2.0	
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	N/A	N/A	N/A	
Distance to furnace or incinerator flue	N/A	N/A	N/A	
Distance between collocated monitors	N/A	N/A	N/A	
Unrestricted airflow	Yes	Yes	Yes	
Probe material	SS	SS	SS	
Residence time		N/A	N/A	
Will there be changes within the next 18 months?	No			
Is it suitable for comparison against the annual PM2.5?	N/A	N/A	N/A	
Frequency of flow rate verification for manual PM samplers audit	N/A	N/A	Monthly	

Frequency of flow rate verification for automated PM analyzers audit	N/A	N/A	Monthly	
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	N/A	N/A	N/A	

**Upland  
Site Photos**



**Looking North from the probe.**



**Looking East from the probe.**



**Looking South from the probe.**



**Looking West from the probe.**

**Upland  
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.**