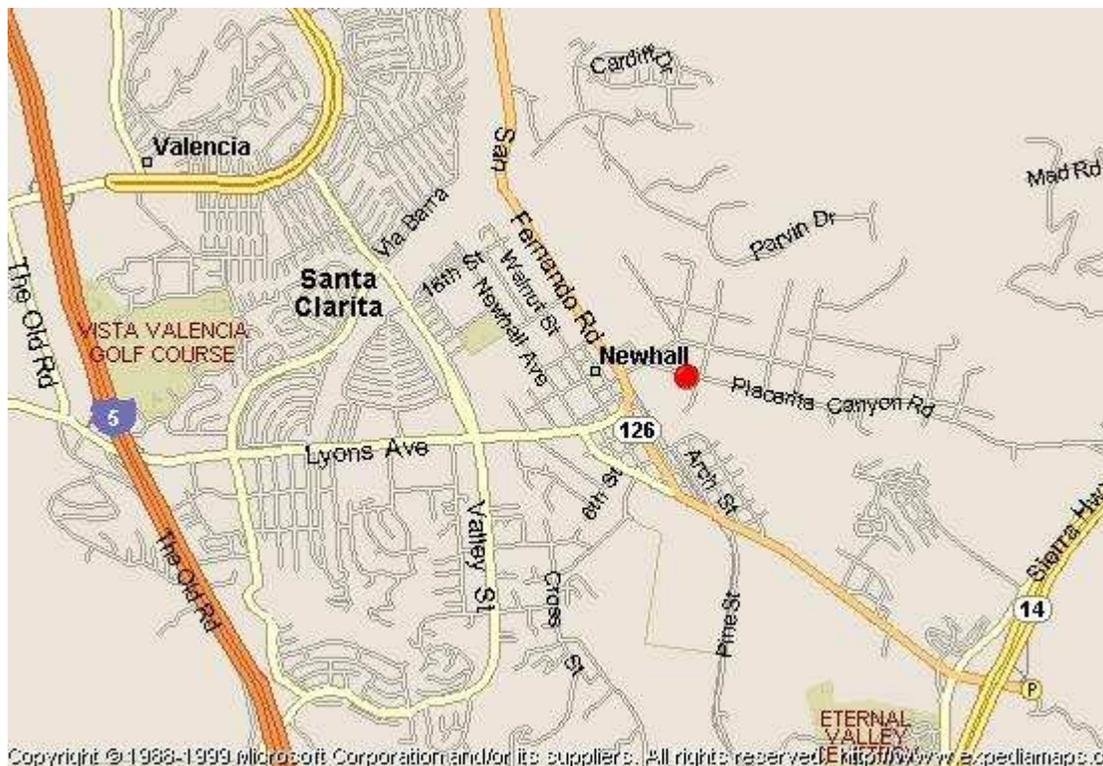
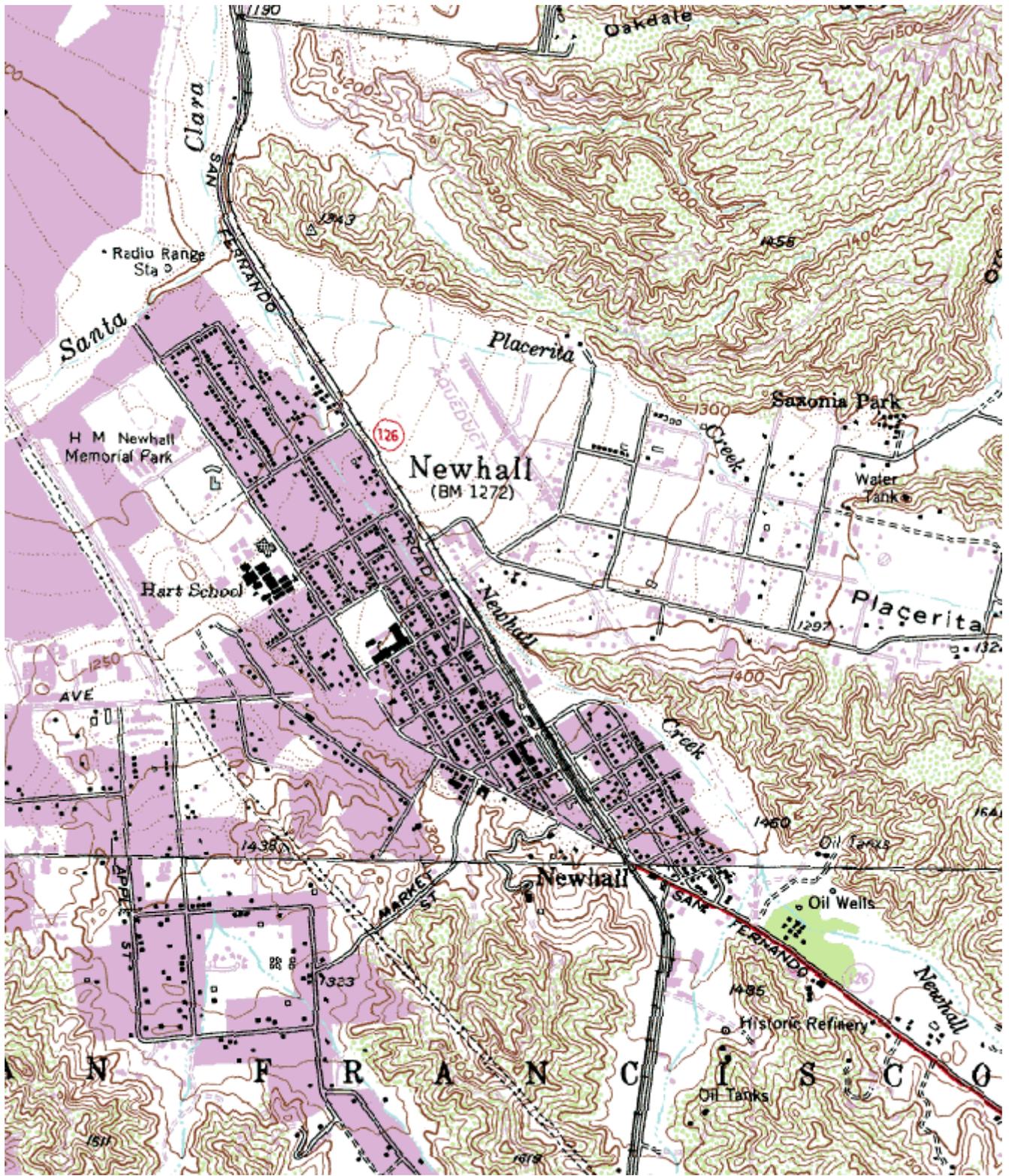


# Quality Assurance Site Survey Report for Santa Clarita-Placerita

Last updated May 2008



<b>AIRS Number</b>	<b>ARB Number</b>	<b>Site Start Date</b>	<b>Reporting Agency and Agency Code</b>			
060376012	70090	01/01/99	<a href="#">South Coast AQMD (061)</a>			
<b>Site Address</b>		<b>County</b>	<b>Air Basin</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Elevation</b>
22224 Placerita Canyon Rd Santa Clarita, CA 91321		<a href="#">Los Angeles</a>	<a href="#">South Coast</a>	34° 23' 0"	118° 31' 42"	386



# Site Survey Report

## Siting Information

Site Name: Santa Clarita-Placerita	Date: 05/14/08	State Code: 70090	AIRS Number: 060376012
Address: 22224 Placerita Canyon Rd Santa Clarita, CA 91321	Latitude: 34° 23' 0"	Longitude: 118° 31' 42"	Elevation (m): 386
	Senior AQIS: Albert Dietrich	Site Technician: Norm Broellos	Site Phone: (661) 287-3785
Operating Agency: South Coast AQMD			

## General Siting Conditions

<b>Station Temperature</b>	<b>Traffic</b>	<b>Topography</b>	Predominant Wind Direction: SE
			Arc Air Flow (Deg): 360 Degrees
			Probe Last Cleaned: May 2008
Controlled: Yes	Description: Residential	Site: Level	
Recorded: Yes	Distance: 40 meters	Region: Hilly	
	Count (Veh/Day): 1000	<b>QA Manual</b>	Manifold Clean: Yes
<b>Meteorology</b>	<b>Non-vehicular Local Sources</b>	Approved: Yes	Cleaning Schedule: 6 Months
		Agency: South Coast AQMD	Autocalibrator Type: EnviroNics 9100
		Urbanization: Suburban	Site Survey Complete: Yes
		Ground Cover: Asphalt	Logbook Up To Date: Yes
Located With Instruments: Yes	Description: None		
	Distance: N/A		
	Direction: N/A		

## Action Items

## Comments

## Detailed Site Information

Site Name	Santa Clarita-Placerita			
AQS ID (AIRS #)	060376012			
GIS coordinates	Latitude: 34° 23' 0" Longitude: 118° 31' 42"			
Location	LA County Road Yard			
Address	22224 Placerita Canyon, Santa Clarita, CA 91321			
County	Los Angeles			
Dist. to road	40 meters			
Traffic count	1,000 veh/day			
Groundcover	Asphalt			
PEP Audit?	N/A			
NPAP Audit?	11/07			
Flow Audit?	06/07			
Representative Area	31100-Los Angeles, Long Beach, Santa Ana, CA MSA			
Pollutant	Carbon Monoxide	Nitrogen Dioxide	Ozone	PM10-SSI
Monitor objective	REPRESENTATIVE CONCENTRATION	REPRESENTATIVE CONCENTRATION	HIGHEST CONCENTRATION	REPRESENTATIVE CONCENTRATION
Spatial scale	Neighborhood Scale	Neighborhood Scale	Urban Scale	Neighborhood Scale
Sampling method	Horiba APMA-360	API 200	API/Teledyne 400	Sierra Andersen 1200
Serial #	577274015	262	509-S	1565
Property #	0016213	E000217	N/A	N/A
Last Calibration Date	10/30/07	10/17/07	10/09/07	08/08/07
Analysis method	N/A	N/A	N/A	Weighed by SCAQMD lab
Start date	01/01/99	01/01/99	01/01/99	01/01/99
Operation schedule	1:1	1:1	1:1	1:6
Sampling season	All Year	All Year	All Year	All Year
Probe height	4.4	4.4	4.4	2.4
Distance from supporting structure	1.8	1.8	1.8	1.4
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	16	16	16	16
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	6.0	7.1	6.6	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	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)	06/07	06/07	06/07	N/A
Last two semi-annual flow rate audits for PM monitors	N/A	N/A	N/A	05/07, 11/07

Pollutant	Carbonyl-PAMS	VOC-PAMS	VOC-PAMS	
Monitor objective	HIGHEST CONCENTRATION	HIGHEST CONCENTRATION	HIGHEST CONCENTRATION	
Spatial scale	Urban Scale	Urban Scale	Urban Scale	
Sampling method	Atec Model 8000	RM Environmental Systems Inc. 910A	RM Environmental Systems Inc. 910A & Xontech 912	
Serial #	25210	005097	005098 / 3068	
Property #	E000298	E000156	E000157 / 0013086	
Last Calibration Date	06/07	06/07	06/07	
Analysis method	Analyzed by SCAQMD Lab	Analyzed by SCAQMD Lab	Analyzed by SCAQMD Lab	
Start date	01/01/99	01/01/99	01/01/99	
Operation schedule	1:6 / 1:3	1:6 / 1:3	1:6 / 1:3	
Sampling season	Seasonal	Seasonal	Seasonal	
Probe height	4.4	4.4	4.4	
Distance from supporting structure	1.8	1.8	1.8	
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	16	16	16	
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				
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	N/A	
Frequency of flow rate verification for manual PM samplers audit	N/A	N/A	N/A	
Frequency of flow rate verification for manual PM samplers audit	N/A	N/A	N/A	
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	N/A	N/A	N/A	

**Santa Clarita-Placerita  
Site Photos**



**Looking North from the probe.**



**Looking East from the probe.**



**Looking South from the probe.**



**Looking West from the probe.**

**Santa Clarita-Placerita  
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.**