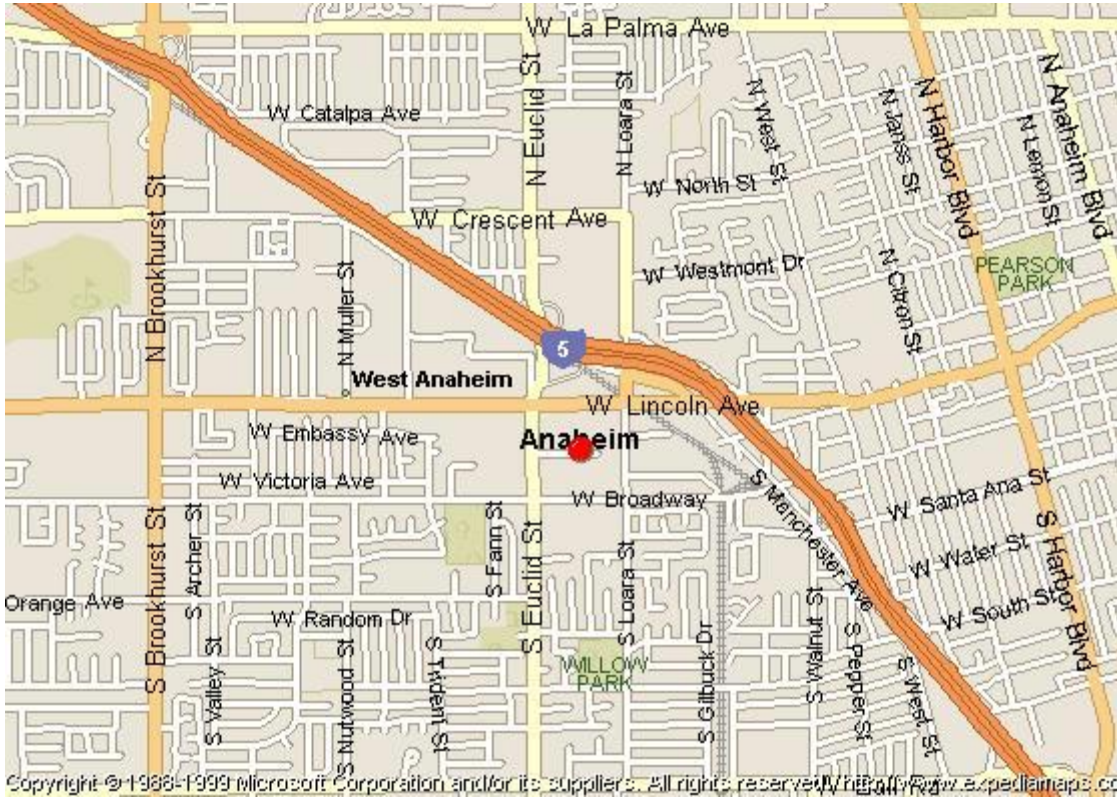
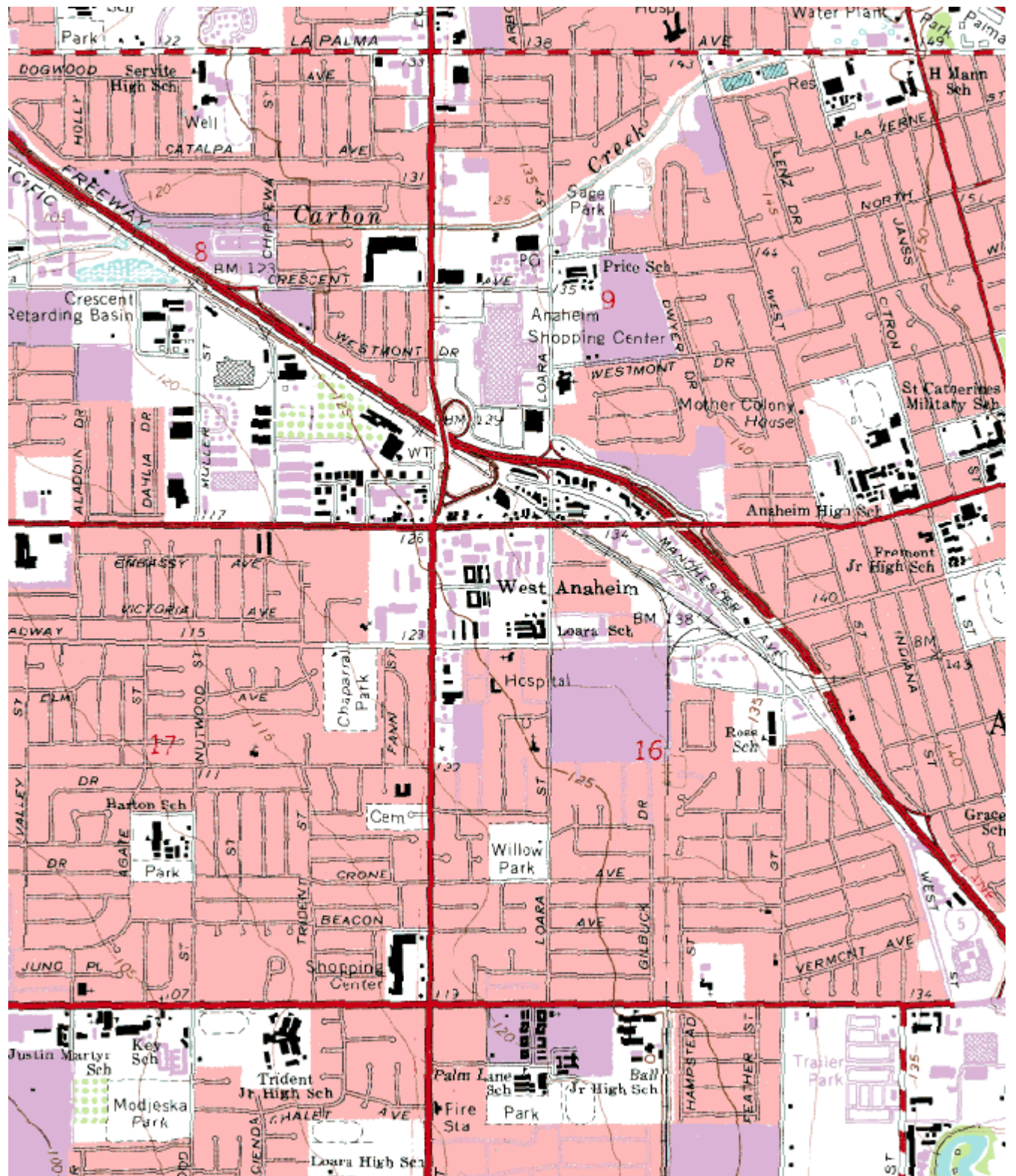


South Coast AQMD
Site Survey Report for Anaheim-Loara School
Last updated May, 2011



AIRS Number	ARB Number	Site Start Date	Reporting Agency and Agency Code
060590007	30178	08/01	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
1630 Pampas Ln Anaheim, CA 92802	Orange	South Coast	33° 49' 50"N	117° 56' 18"W	39



Site Survey Report

Siting Information

Site Name: Anaheim-Loara School	Date: 5/17/11	State Code: 30178	AIRS Number: 060590007
Address: 1630 Pampas Ln Anaheim, CA 92802	Latitude: 33° 49' 50"	Longitude: 117° 56' 18"	Elevation (m): 39
	Senior AQIS: Albert Dietrich	Site Technician: Tom Mac	Site Phone: (714) 635-5347
Operating Agency: South Coast AQMD			

General Siting Conditions

Station Temperature	Traffic	Topography	Predominant Wind Direction: SE
			Arc Air Flow (Deg): 360 Degrees
		Controlled: Yes Recorded: Yes	Description: Residential Distance: 7.5-10.5 meters Count (Veh/Day): < 500
Meteorology	Non-vehicular Local Sources	QA Manual	
		Approved: Yes	Manifold Clean: Yes
		Agency: South Coast AQMD	Cleaning Schedule: 6 Months
		Urbanization: Suburban	Autocalibrator Type: EnviroNics 9100
Located With Instruments: Yes	Description: None Distance: N/A Direction: N/A	Ground Cover: Grass	Site Survey Complete: Yes Logbook Up To Date: Yes

Action Items

Comments

Detailed Site Information

Site name	Anaheim-Loara School			
AQS ID (AIRS #)	060590007			
GIS coordinates	Latitude: 33° 49' 50" Longitude: 117° 56' 18"			
Location	Elementary School			
Address	1630 Pampas Ln, Anaheim, CA 92802			
County	Orange			
Distance to road	7.5 – 10.5 meters			
Traffic count	< 500 veh/day			
Groundcover	Grass			
Representative area	3110-Los Angeles-Long Beach-Santa Ana, CA MSA			
Pollutant	Carbon Monoxide	Nitrogen Dioxide	Ozone	PM10-SSI
Site type	SLAMS	SLAMS	SLAMS	SLAMS
Monitor objective	Population Exposure	Population Exposure	Population Exposure	Population Exposure
Spatial scale	Neighborhood Scale	Urban Scale	Neighborhood Scale	Neighborhood Scale
Instrument type	Primary	Primary	Primary	Primary
Method code	NA	NA	NA	NA
POC code	1	5	1	NA
Instrument manufacturer/model	Horiba APMA-370	API 200E	Thermo 49i	Andersen SA1200
Serial #	5691221	203	116249	4936
Property #	E000362	E000203	N/A	N/A
Last calibration date	10/08/10	2/20/11	2/21/11	12/9/10
Analysis method	Non dispersive infrared	Chemiluminescence	UV Photometric	Gravimetric
Start date	08/01	08/01	08/01	08/01
Operation schedule	1:1	1:1	1:1	1:6
Sampling season	All Year	All Year	All Year	All Year
Probe height	4.5	4.5	4.5	2.5
Distance from supporting structure	1.9	1.9	1.9	1.5
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	2
Distance from trees	6	6	6	10
Distance to furnace or incinerator flue	N/A	N/A	N/A	N/A
Distance between collocated monitors	N/A	N/A	N/A	2.8
Unrestricted airflow	Yes	Yes	Yes	Yes
Probe material	Teflon	Teflon	Teflon	N/A
Residence time	6.2	7.4	7.3	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
Date of last annual performance evaluation	5/17/11	5/17/11	5/17/11	N/A
Dates of semi-annual flow rate audits for PM monitors	N/A	N/A	N/A	5/28/2010
	N/A	N/A	N/A	12/15/2010
Date of past year's PM2.5-PEP audit	N/A	N/A	N/A	N/A
Date of past year's Pb-PEP audit	N/A	N/A	N/A	N/A

Pollutant	FEM BAM-PM10	FEM BAM-PM2.5	SASS-PM2.5	FRM PM2.5-RAAS
Site type	SLAMS	SLAMS	SLAMS	SLAMS
Monitor objective	Population Exposure	Population Exposure	Population Exposure	Population Exposure
Spatial scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale
Instrument type	Audit	Audit	Primary	Primary
Method code	122	170 FEM	N/A	N/A
POC code	3	3	5	1
Instrument manufacturer/model	MetOne FEM BAM 1020	MetOne FEM BAM 1020	MetOne SASS	Andersen FRM RAAS
Serial #	F4428	H3182	C-4159	437
Property #	USC166621	0016716	E000235	N/A
Last calibration date	2/1/11	2/9/11	04/09/2010	10/7/10
Analysis method	Beta Attenuation	Beta Attenuation	Gravimetric	Gravimetric
Start date	3/4/2010	08/01	08/01	08/01
Operation schedule	1:1	1:1	1:6	1:1
Sampling season	All Year	All Year	All Year	All Year
Probe height	4.8	4.8	2.9	2.9
Distance from supporting structure	2.2	2.2	2.2	2.0
Distance from obstructions on roof	N/A	N/A	N/A	N/A
Distance from obstructions not on roof	N/A	N/A	2	2
Distance from trees	6	6	10	10
Distance to furnace or incinerator flue	N/A	N/A	N/A	N/A
Distance between collocated monitors	2.8	3.9	N/A	3.9
Unrestricted airflow	Yes	Yes	Yes	Yes
Probe material	N/A	N/A	N/A	N/A
Residence time	N/A	N/A	N/A	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	No	No	Yes
Frequency of flow rate verification for manual PM samplers audit	N/A	N/A	Monthly	Monthly
Frequency of flow rate verification for automated PM analyzers audit	Monthly	Monthly	N/A	N/A
Frequency of one-point QC check (gaseous)	N/A	N/A	N/A	N/A
Date of last annual performance evaluation	N/A	N/A	N/A	N/A
Dates of semi-annual flow rate audits for PM monitors			5/28/10	5/28/10
			12/15/10	12/15/10
Date of past year's PM2.5-PEP audit	N/A	N/A	N/A	6/23/10
Date of past year's Pb-PEP audit	N/A	N/A	N/A	N/A

**Anaheim-Loara School
Site Photos**



Looking North from the probe.



Looking East from the probe.



Looking South from the probe.



Looking West from the probe.

**Anaheim-Loara School
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.