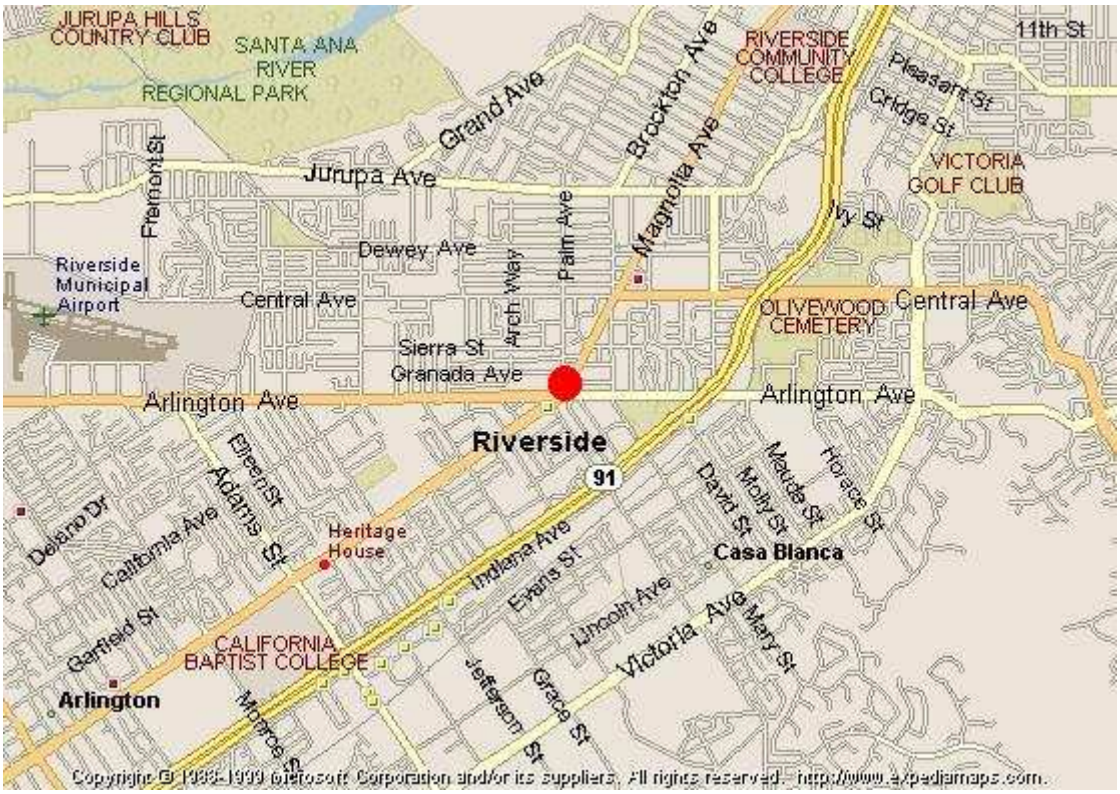
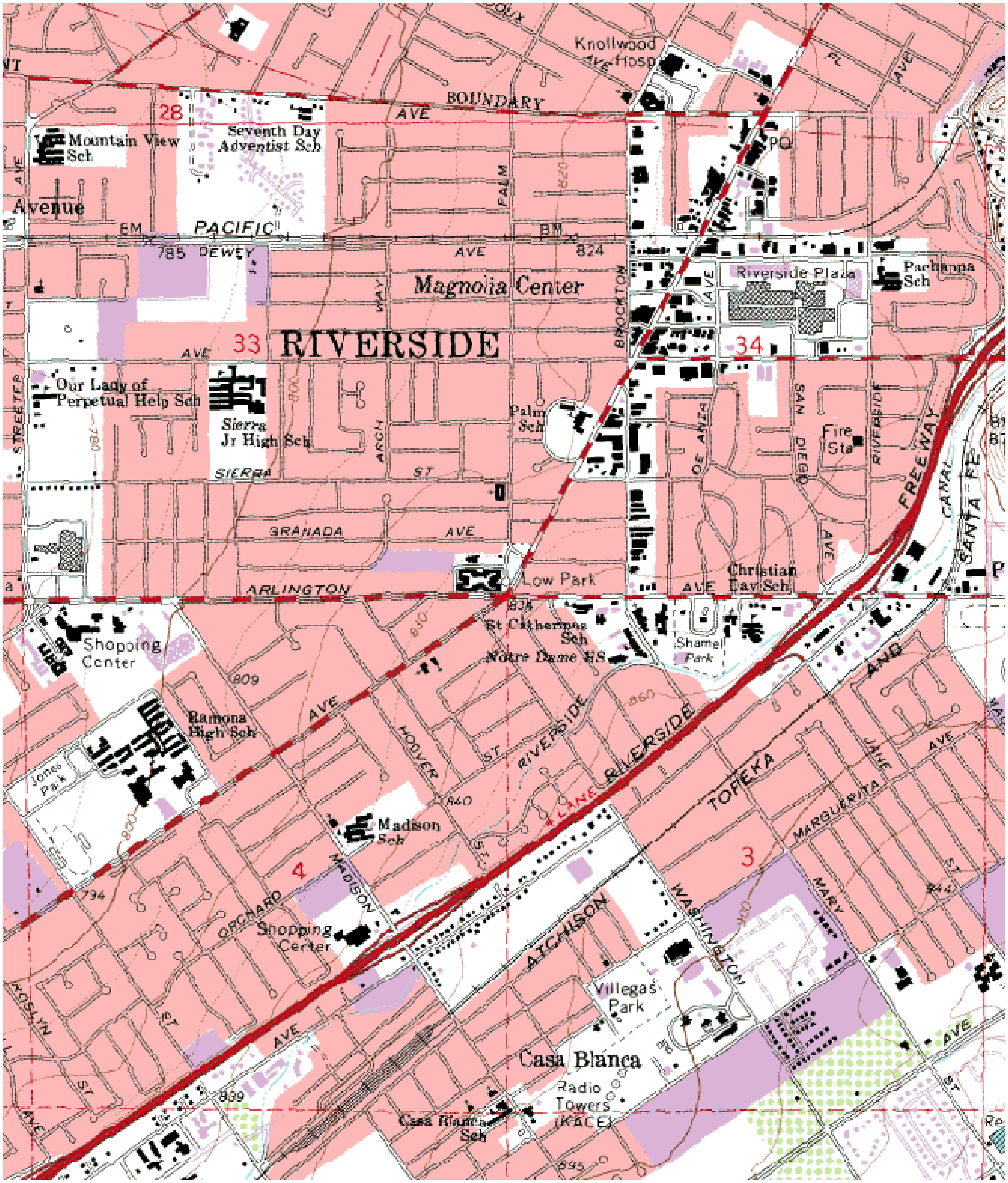
Quality Assurance
Site Survey Report for Riverside-Magnolia

Last updated March 2009



AIRS Number	ARB Number	Site Start Date	Reporting Agency and Agency Code
060651003	33146	10/72	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
7002 Magnolia Ave Riverside,CA 92506	Riverside	South Coast	33° 56' 45"	117° 24' 01"	256


RIVERSIDE
Magnolia Center
Casa Blanca
Mountain View Sch
Seventh Day Adventist Sch
Our Lady of Perpetual Help Sch
Sierra Jr High Sch
Palm Sch
Riverside Plaza
Pachappa Sch
Fire Sta
Christian Day Sch
Low Park
St Catherines Sch
Notre Dame HS
Shamell Park
Shopping Center
Ramona High Sch
Jones Park
Madison Sch
Villegas Park
Radio Towers (KACE)
Casa Blanca Sch
Knollwood Hosp
BOUNDARY AVE
PACIFIC AVE
DEWEY AVE
ARLINGTON AVE
GRANADA AVE
SIERRA ST
BROCKTON AVE
RIVERSIDE AVE
ATCHISON
TOPEKA AND SANTA FE
WASHINGTON
MADISON
HOOVER
ORCHARD
FREEWAY
28
33
34
4
3

Site Survey Report

Siting Information

Site Name: Riverside-Magnolia	Date: 03/10/09	State Code: 33146	AIRS Number: 060651003
Address: 7002 Magnolia Ave Riverside, CA 92506	Latitude: 33° 56' 45"	Longitude: 117° 24' 01"	Elevation (m): 256
	Senior AQIS: Keith Brown	Site Technician: Richard Trzcinski	Site Phone: (951) 787-8142
Operating Agency: South Coast AQMD			

General Siting Conditions

Station Temperature	**Traffic**	**Topography**	Predominant Wind Direction: W
Controlled: Yes	Description: City	Site: Level	Arc Air Flow (Deg): 360 Degrees
Recorded: Yes	Distance: 10 meters	Region: Level	Probe Last Cleaned: 02/05/09
	Count (Veh/Day): 40000	**QA Manual**	Manifold Clean: Yes
Meteorology	**Non-vehicular Local Sources**	Approved: Yes	Cleaning Schedule: 6 Months
Located With Instruments: No	Description: None	Agency: South Coast AQMD	Autocalibrator Type: Environics 100
	Distance: N/A	Urbanization: Suburban	Site Survey Complete: Yes
	Direction: N/A	Ground Cover: Asphalt	Logbook Up To Date: Yes

Action Items

Comments

Detailed Site Information

Site Name	Riverside-Magnolia			
AQS ID (AIRS #)	060651003			
GIS coordinates	Latitude: 33° 56’ 45” Longitude: 117° 24’ 01”			
Location	Store Front			
Address	7002 Magnolia Ave, Riverside, CA 92506			
County	Riverside			
Dist. to road	10 meters			
Traffic count	40,000 veh/day			
Groundcover	Asphalt			
PEP audit?	N/A			
NPAP audit?	11/07			
Flow audit?	04/27/07			
Representative Area	40140-Riverside-San Bernardino-Ontario, CA MSA			
Pollutant	Carbon Monoxide	TSP-A	TSP-B	PM2.5
Monitor obj	HIGHEST CONCENTRAION	HIGHEST CONCENTRATION	HIGHEST CONCENTRATION	REPRESENTATIVE CONCENTRATION
Spatial scale	Microscale	Microscale	Microscale	Neighborhood Scale
Sampling method	Horiba APMA-360			Andersen 300
Serial #	41346760055	54244	54249	00343
Property #	16510	N/A	N/A	E000001
Last Calibration Date	11/05/08	10/08/08	10/08/08	02/14/08
Analysis method	N/A	Weighed by SCAQMD lab	Weighed by SCAQMD lab	Weighed by SCAQMD lab
Start date	10/72	10/72	10/72	01/06/99
Operation schedule	1:1	1:6	1:6	1:3
Sampling season	All Year	All Year	All Year	All Year
Probe height	7.9	7.9	7.9	7.9
Distance from supporting structure	1.5	1.4	1.4	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	10	10	10	10
Distance to furnace or incinerator flue	N/A	N/A	N/A	N/A
Distance between collocated monitors	N/A	2.0	2.0	N/A
Unrestricted airflow	Yes	Yes	Yes	Yes
Probe material	Teflon	N/A	N/A	N/A
Residence time	< 20	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	N/A	N/A	Yes

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	N/A	N/A	N/A
Last Annual Performance Evaluation (gaseous)	04/02/07	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors	N/A	N/A	N/A	05/07, 11/07

Pollutant	NO/NOX			
Monitor obj				
Spatial scale				
Sampling method	Thermo 42i			
Serial #	0819331150			
Property #	164911			
Last Calibration Date	01/22/09			
Analysis method				
Start date				
Operation schedule				
Sampling season				
Probe height				
Distance from supporting structure				
Distance from obstructions on roof				
Distance from obstructions not on roof				
Distance from trees				
Distance to furnace or incinerator flue				
Distance between collocated monitors				
Unrestricted airflow				
Probe material				
Residence time				
Will there be changes within the next 18 months?				
Is it suitable for comparison against the annual PM2.5?				

Frequency of flow rate verification for manual PM samplers audit				
Frequency of flow rate verification for automated PM analyzers audit				
Frequency of one-point QC check (gaseous)				
Last Annual Performance Evaluation (gaseous)				
Last two semi-annual flow rate audits for PM monitors				

Riverside-Magnolia
Site Photos

Looking North from the probe.

Looking East from the probe.

Looking South from the probe.

Looking West from the probe.

Riverside-Magnolia
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.