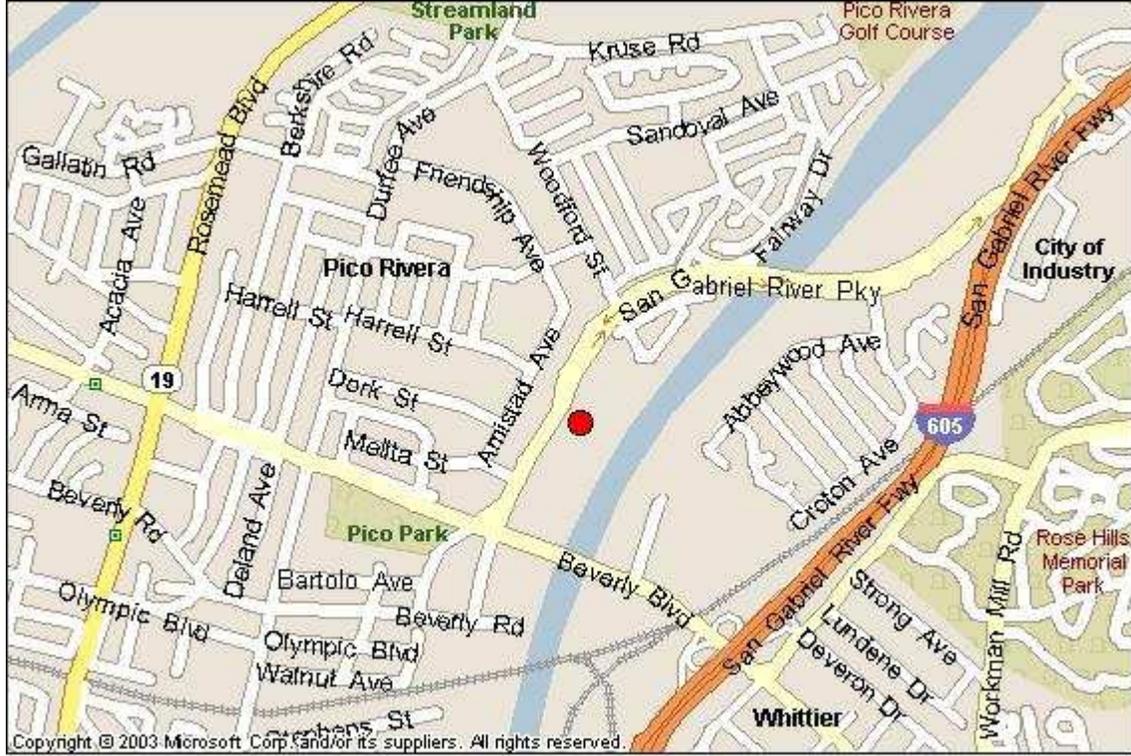
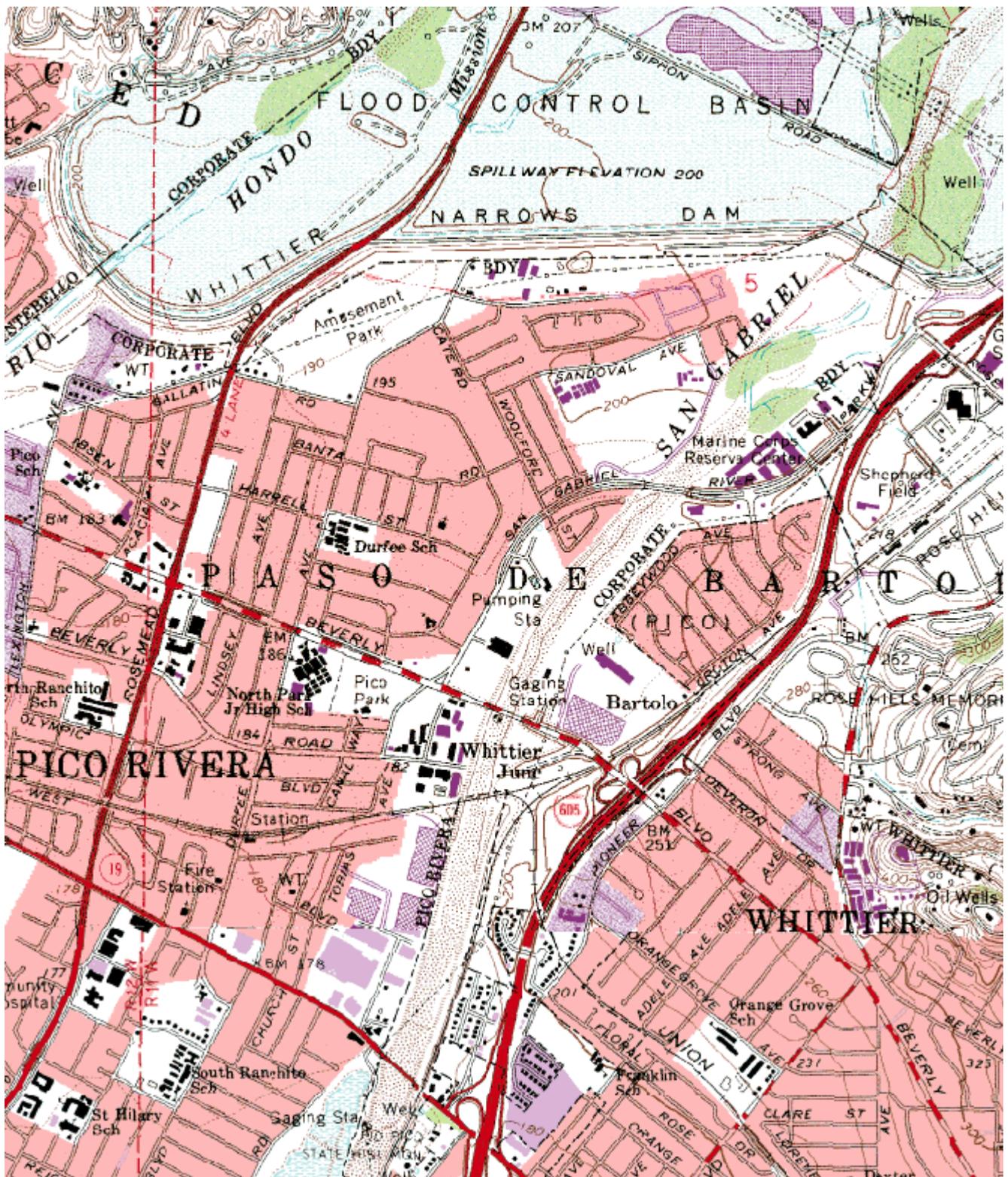


## Quality Assurance Site Survey Report for Pico Rivera #2

Last updated March 2009



<b>AIRS Number</b>	<b>ARB Number</b>	<b>Site Start Date</b>	<b>Reporting Agency and Agency Code</b>			
060371602	70185	09/05	<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>	
4144 San Gabriel River Pkwy Pico Rivera, CA 90660	<a href="#">Los Angeles</a>	<a href="#">South Coast</a>	34° 0' 37"	118° 04' 07"	58	



# Site Survey Report

## Siting Information

Site Name: Pico Rivera #2	Date: 03/10/09	State Code: 70185	AIRS Number: 060371602
Address: 4144 San Gabriel River Pkwy. Pico Rivera, CA 90660	Latitude: 34° 0' 37"	Longitude: 118° 04' 07"	Elevation (m): 58
	Senior AQIS: Albert Dietrich	Site Technician: Carl Thompson	Site Phone: (562) 478-1961
Operating Agency: South Coast AQMD			

## General Siting Conditions

<b>Station Temperature</b>  Controlled: Yes  Recorded: Yes	<b>Traffic</b>  Description: Freeway  Distance: 1000 meters  Count (Veh/Day): 250000	<b>Topography</b>  Site: Level  Region: Valley	Predominant Wind Direction: SE  Arc Air Flow (Deg): 360 Degrees  Probe Last Cleaned: May 2008		
		<b>Meteorology</b>  Located With Instruments: Yes	<b>Non-vehicular Local Sources</b>  Description: None  Distance: N/A  Direction: N/A	<b>QA Manual</b>  Approved: Yes  Agency: SCAQMD	Manifold Clean: Yes  Cleaning Schedule: 6 Months  Autocalibrator Type: Env. 100 (S/N 1343)
				Urbanization: Suburban	Site Survey Complete: Yes
Ground Cover: Asphalt	Logbook Up To Date: Yes				

## Action Items

## Comments

## Detailed Site Information

Site Name	Pico Rivera #2			
AQS ID (AIRS #)	060371602			
GIS coordinates	Latitude: 34° 0' 37" Longitude: 118° 04' 07"			
Location	Water District Property			
Address	4144 San Gabriel River Pkwy, Pico Rivera, CA			
County	Los Angeles			
Dist. to road	1,000 meters			
Traffic count	250,000 veh/day			
Groundcover	Asphalt			
PEP audit?				
NPAP audit?	11/15/07			
Flow audit?	04/07			
Representative Area	31100-Los Angeles, Long Beach-Santa Ana, CA MSA			
Pollutant	Carbon Monoxide	Nitrogen Dioxide	Ozone	TSP (Lead)
Monitor obj	REPRESENTATIVE CONCENTRATION	HIGHEST CONCENTRATION	HIGHEST CONCENTRATION	REPRESENTATIVE CONCENTRATION
Spatial scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale
Sampling method	Horiba 370	Thermo 42i	API/Teledyne 400	Tisch TE 300-310
Serial #	E000361	CM08360032	535-S	1546
Property #	D0006DUU	16721	N/A	N/A
Last Calibration Date	01/29/09	01/23/09	10/22/08	12/04/08
Analysis method	N/A	N/A	N/A	Weighed by SCAQMD lab
Start date	06/24/08	07/10/08	09/05	09/05
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	2.11
Distance from supporting structure	1.8	1.8	1.8	1.12
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	N/A
Residence time	6.7	6.5	6.8	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)	04/07	04/07	04/07	N/A
Last two semi-annual flow rate audits for PM monitors	N/A	N/A	N/A	N/A

Pollutant	PM2.5			
Monitor obj	REPRESENTATIVE CONCENTRATION			
Spatial scale	Neighborhood Scale			
Sampling method	Sierra Andersen RAAS PM2.5			
Serial #	00511			
Property #	E000019			
Last Calibration Date	06/25/08			
Analysis method	Weighed by SCAQMD lab			
Start date	09/05			
Operation schedule	1:3			
Sampling season	All Year			
Probe height	2.84			
Distance from supporting structure	1.83			
Distance from obstructions on roof	N/A			
Distance from obstructions not on roof	N/A			
Distance from trees	N/A			
Distance to furnace or incinerator flue	N/A			
Distance between collocated monitors	N/A			
Unrestricted airflow	Yes			
Probe material	N/A			
Residence time	N/A			
Will there be changes within the next 18 months?	No			

Is it suitable for comparison against the annual PM2.5?	Yes			
Frequency of flow rate verification for manual PM samplers audit	Monthly			
Frequency of flow rate verification for automated PM analyzers audit	N/A			
Frequency of one-point QC check (gaseous)	N/A			
Last Annual Performance Evaluation (gaseous)	N/A			
Last two semi-annual flow rate audits for PM monitors	05/07, 11/07			

**Pico Rivera #2  
Site Photos**



**Looking North from the probe.**



**Looking East from the probe.**



**Looking South from the probe.**



**Looking West from the probe.**

**Pico Rivera #2  
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.**