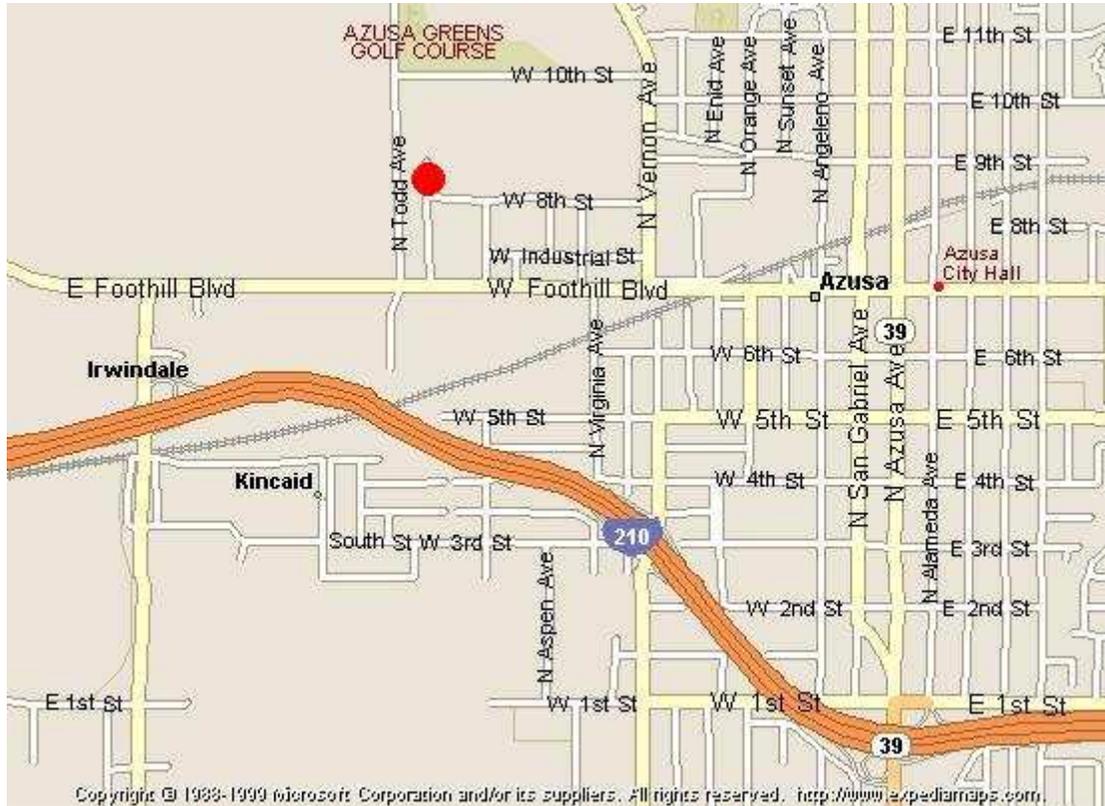


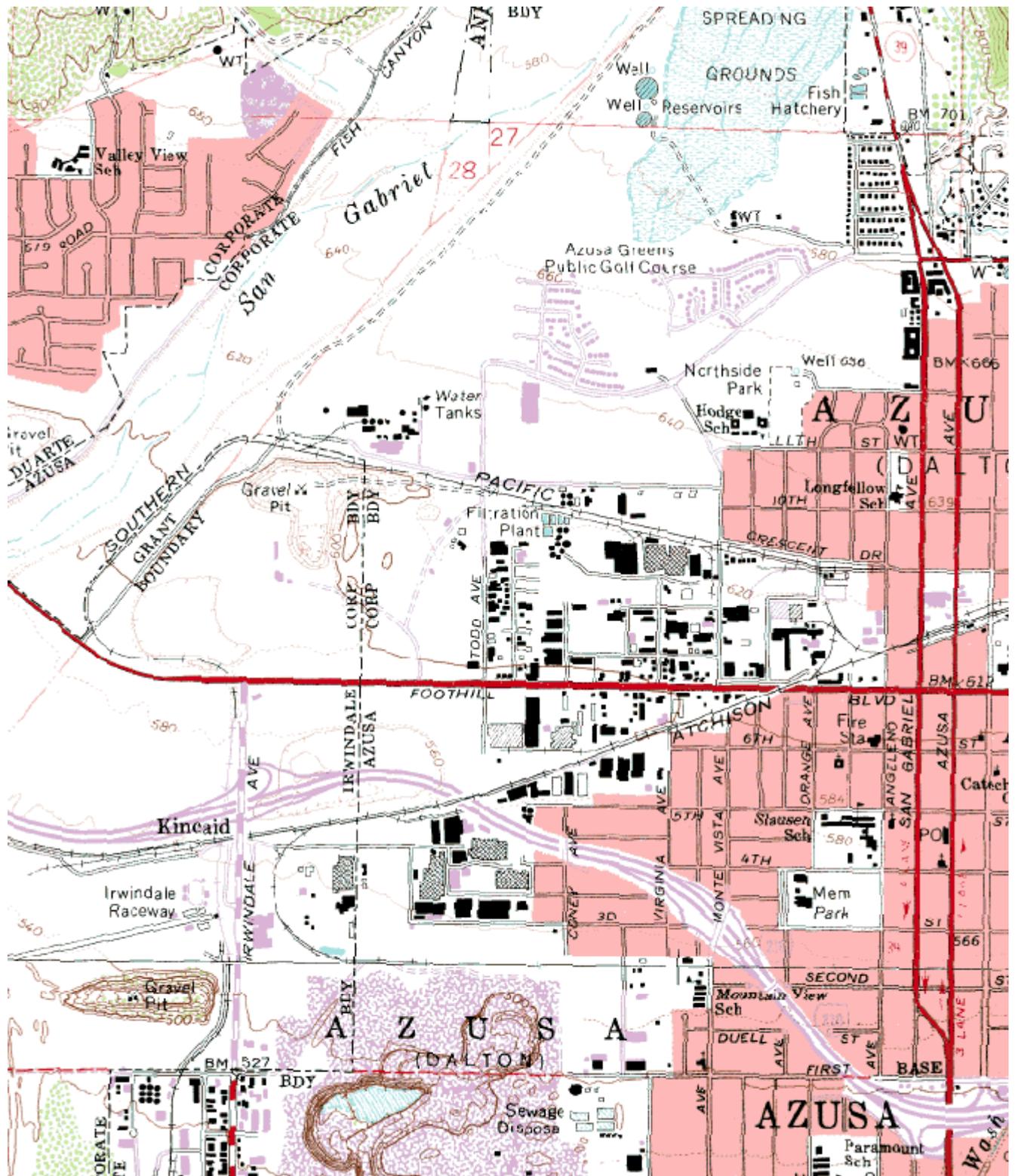
South Coast AQMD Site Survey Report for Azusa

Last updated March 2009



AIRS Number	ARB Number	Site Start Date	Reporting Agency and Agency Code
060370002	70060	01/57	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
803 N. Loren Ave Azusa, CA 91702	Los Angeles	South Coast	34° 08' 11"	117° 55' 26"	187



Site Survey Report

Siting Information

Site Name: Azusa	Date: 03/10/09	State Code: 70060	AIRS Number: 060370002
Address: 803 N. Loren Ave Azusa, CA 91702	Latitude: 34° 08' 11"	Longitude: 117° 55' 26"	Elevation (m): 187
	Senior AQIS: Keith Brown	Site Technician: Richard Rodgers	Site Phone: (626) 969-5630
Operating Agency: South Coast AQMD			

General Siting Conditions

Station Temperature Controlled: Yes Recorded: Yes	Traffic Description: Urban Distance: 7 meters Count (Veh/Day): 1000	Topography Site: Level Region: Level	Predominant Wind Direction: West Arc Air Flow (Deg): 360 Degrees Probe Last Cleaned: 05/08		
		Meteorology Located With Instruments: Yes	Non-vehicular Local Sources Description: Welding Shop Distance: 10 meters Direction: W,NW	QA Manual Approved: Yes Agency: South Coast AQMD	Manifold Clean: Yes Cleaning Schedule: 6 Months Autocalibrator Type: Environics 100
				Urbanization: Suburban Ground Cover: Asphalt	Site Survey Complete: Yes Logbook Up To Date: Yes

Action Items

Comments

Detailed Site Information

Site Name	Azusa			
AQS ID (AIRS #)	060370002			
GIS coordinates	Latitude: 34° 08' 11" Longitude: 117° 55' 26"			
Location	Industrial Park			
Address	803 N Loren Ave, Azusa, CA 91702			
County	Los Angeles			
Dist. to road	7 meters			
Traffic count	1,000 veh/day			
Groundcover	Pavement			
PEP audit?	08/10/07			
NPAP audit?	11/15/07			
Flow audit?	01/07			
Representative Area	31100-Los Angeles-Long Beach-Santa Ana, CA MSA			
Pollutant	Carbon Monoxide	Nitrogen Dioxide	Ozone	PM10-SSI
Monitor obj	REPRESENTATIVE CONCENTRATION	REPRESENTATIVE CONCENTRATION	HIGHEST CONCENTRATION	REPRESENTATIVE CONCENTRATION
Spatial scale	Neighborhood Scale	Urban Scale	Urban Scale	Neighborhood Scale
Sampling method	Horiba APMA 370	Thermo 42i	API/Teledyne 400	Sierra Andersen 1200
Serial #	N/A	267	534-S	N/A
Property #	E000345	E0016723	N/A	4933
Last Calibration Date	09/30/08	12/17/08	07/31/08	01/06/09
Analysis method	N/A	N/A	N/A	Weighed by SCAQMD lab
Start date	01/57	01/57	01/57	01/04/99
Operation schedule	1:1	1:1	1:1	1:6
Sampling season	All Year	All Year	All Year	All Year
Probe height	5.5	5.5	5.5	5.1
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	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	13.8	14.2	15.4	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)	10/09/07	06/12/07	01/02/07	N/A
Last two semi-annual flow rate audits for PM monitors	N/A	N/A	N/A	11/07, 05/07

Pollutant	PM2.5	Metals Cr-6, Carbonyl (ARB Toxics)	VOC-PAMS	VOC-PAMS
Monitor obj	REPRESENTATIVE CONCENTRATION	REPRESENTATIVE CONCENTRATION	HIGHEST CONCENTRATION	HIGHEST CONCENTRATION
Spatial scale	Neighborhood Scale	Neighborhood Scale	Urban Scale	Urban Scale
Sampling method	Sierra Andersen RAAS PM2.5	Xontech 924	Xontech 910/912	Xontech 910
Serial #	00317	9241011	4913	N/A
Property #	E000017	200021471	E000171	0006003
Last Calibration Date	10/16/08	08/24/06	09/19/08	06/21/08
Analysis method	Weighed by SCAQMD lab	Weighed by ARB lab	Analyzed by SCAQMD lab	Analyzed by SCAQMD lab
Start date	01/04/99	01/04/99	01/04/99	01/04/99
Operation schedule	Daily	1:12	1:6 / 1:3	1:6 / 1:3
Sampling season	All Year	All Year	All Year	All Year
Probe height	5.5	5.6	5.5	5.5
Distance from supporting structure	1.9	2.0	1.9	1.9
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	SS	N/A	SS	SS
Residence time	N/A	N/A	< 20	<20
Will there be changes within the next 18 months?	No	No	No	No

Is it suitable for comparison against the annual PM2.5?	No	No	N/A	N/A
Frequency of flow rate verification for manual PM samplers audit	Monthly	N/A	N/A	N/A
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)	N/A	N/A	Semi-Annually	Semi-Annually
Last Annual Performance Evaluation (gaseous)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors	11/07, 05/07	N/A	N/A	N/A

Pollutant	VOC (ARB Toxics)			
Monitor obj	REPRESENTATIVE CONCENTRATION			
Spatial scale	Neighborhood Scale			
Sampling method	Xontech 910			
Serial #	ARB 20004511 / 07582			
Property #	N/A			
Last Calibration Date	05/07/07			
Analysis method	Analyzed by ARB lab			
Start date	01/04/99			
Operation schedule	1:12			
Sampling season	All Year			
Probe height	5.5			
Distance from supporting structure	1.55			
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	Teflon			
Residence time				
Will there be changes within the next 18 months?	No			

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

**Azusa
Site Photos**



Looking North from the probe.



Looking East from the probe.



Looking South from the probe.



Looking West from the probe.

**Azusa
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.