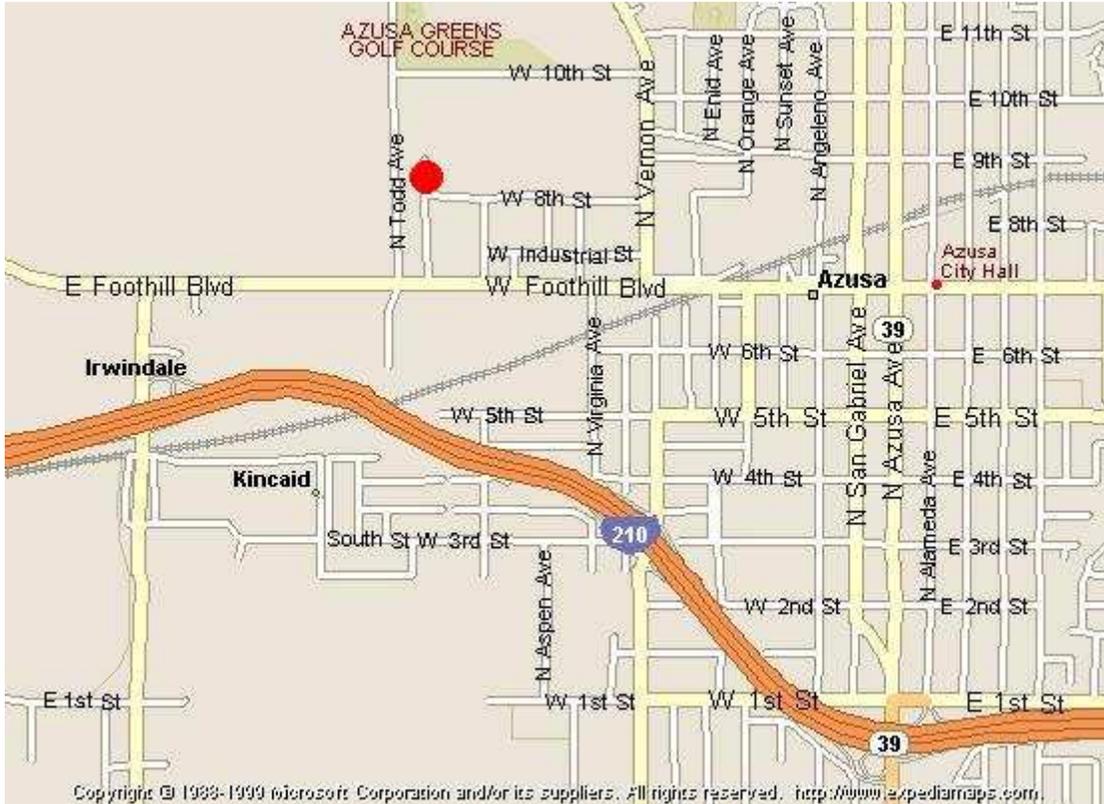


South Coast AQMD Site Survey Report for Azusa

Last updated: May, 2015



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060370002	70060	01/1957	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"N	117° 55' 26"W	187

Detailed Site Information

Local site name	Azusa			
AQS ID	060370002			
GPS coordinates (decimal degrees)	Latitude: 34° 08' 11" Longitude: 117° 55' 26"			
Street Address	803 N Loren Ave, Azusa, CA 91702			
County	Los Angeles			
Distance to roadways (meters)	14.5 – 18.5; 695			
Traffic count (AADT, year)	< 1000 / 2012; Route 210/Irwindale, 266,000, 2011			
Groundcover (e.g. asphalt, dirt, sand)	Asphalt			
Representative statistical area name (i.e. MSA, CBSA, other)	31080-Los Angeles-Long Beach-Anaheim, MSA			
Pollutant, POC	Carbon Monoxide, 1	Nitrogen Dioxide, 2	Ozone, 1	PM10, 2
Parameter code	42101	42602	44201	See Table 26
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Population Exposure	Population Exposure	Highest Concentration	Population Exposure
Monitor (type)	SLAMS/PAMS	SLAMS/PAMS	SLAMS/PAMS	SLAMS
Instrument manufacturer and model	Horiba APMA 370	Thermo 42i	API/Teledyne 400E	Sierra Andersen 1200 SSI
Method code	158	074	87	063, 102
FRM/FEM/ARM/ other	FRM	FRM	FEM	FRM
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Analytical Lab (i.e. weigh lab, toxics lab, other)	N/A	N/A	N/A	SCAQMD
Reporting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Urban	Urban	Neighborhood
Monitoring start date (MM/DD/YYYY)	01/1957	01/1957	01/1957	01/01/1985
Current sampling frequency (e.g. 1:3, continuous)	1:1	1:1	1:1	1:6
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	N/A	1:6
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	5.5	5.5	5.5	5.1
Distance from supporting structure (meters)	2	2	2	2
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A

Distance from trees (meters)	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	N/A	N/A	N/A	N/A
Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon	Teflon	Teflon	N/A
Residence time for reactive gases (seconds)	7.0	8.8	7.9	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	Monthly
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	Nightly	Nightly	Nightly	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	02/06/2014	02/06/2014	02/06/2014	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A	N/A	04/09/2014, 10/30/2014

Pollutant, POC	24 Hour PM2.5, 1	Metals Cr-6, Carbonyls, 4	VOCs 8x3, 1	VOCs 24 hour, 2
Parameter code	See Table 26	N/A	See Table 26	See Table 26
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS

Site type(s)	Population Exposure	Population Exposure	Highest Concentration	Highest Concentration
Monitor (type)	SLAMS	CA Air Toxics	SLAMS/PAMS	SLAMS/PAMS
Instrument manufacturer and model	Andersen RAAS PM2.5	Xontech 924	RM Env. 910/Xon Tech 912	Xon Tech 910
Method code	780, 120	N/A	See Table 26	See Table 26
FRM/FEM/ARM/ other	FRM	Other	Other	Other
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Analytical Lab (i.e. weigh lab, toxics lab, other)	SCAQMD	ARB Toxics	SCAQMD	SCAQMD
Reporting Agency	SCAQMD	ARB	SCAQMD	SCAQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Urban	Urban
Monitoring start date (MM/DD/YYYY)	01/04/1999	01/1989	06/01/1995	06/01/1995
Current sampling frequency (e.g. 1:3, continuous)	Daily	1:12	1:6 / 1:3	1:6 / 1:3
Calculated sampling frequency (e.g. 1:3/1:1)	1:3	No CFR mandated sampling schedule.	No CFR mandated sampling schedule.	No CFR mandated sampling schedule.
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	07/01-09/30	01/01-12/31
Probe height (meters)	5.5	5.6	5.5	5.5
Distance from supporting structure (meters)	2.0	2.0	2.0	2.0
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue (meters)	26	26	26	26
Distance between collocated monitors (meters)	N/A	N/A	4	N/A
Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	Stainless steel	Stainless steel
Residence time for reactive gases (seconds)	N/A	N/A	2.5	2.4

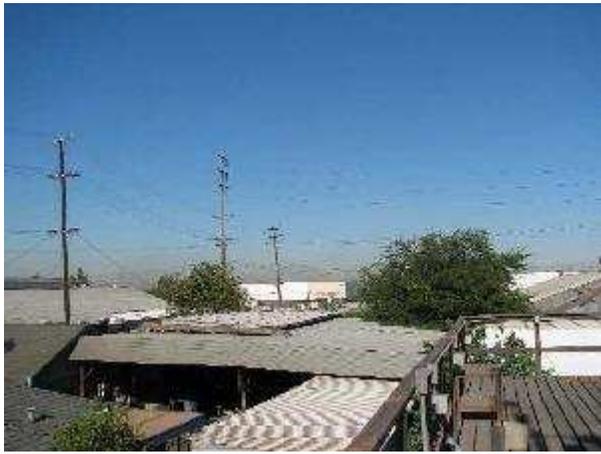
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	Yes	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	Monthly	N/A	N/A	N/A
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	N/A	N/A	Semi Annually	Semi Annually
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	1/29/14	1/29/14
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	04/09/2014, 10/30/2014	N/A	N/A	N/A

Pollutant, POC	VOCs, N/A			
Parameter code	N/A			
Basic monitoring objective(s)	NAAQS			
Site type(s)	Population Exposure			
Monitor (type)	CA Air Toxics			
Instrument manufacturer and model	RM Env. 910PC			
Method code	N/A			
FRM/FEM/ARM/other	Other			
Collecting Agency	SCAQMD			
Analytical Lab (i.e. weigh lab, toxics lab, other)	ARB Toxics			
Reporting Agency	ARB			
Spatial scale (e.g. micro, neighborhood)	Neighborhood			

Monitoring start date (MM/DD/YYYY)	01/1989			
Current sampling frequency (e.g. 1:3, continuous)	1:12			
Calculated sampling frequency (e.g. 1:3/1:1)	No CFR mandated sampling schedule.			
Sampling season (MM/DD-MM/DD)	01/01-12/31			
Probe height (meters)	5.5			
Distance from supporting structure (meters)	1.55			
Distance from obstructions on roof (meters)	N/A			
Distance from obstructions not on roof (meters)	NA			
Distance from trees (meters)	23			
Distance to furnace or incinerator flue (meters)	N/A			
Distance between collocated monitors (meters)	N/A			
Unrestricted airflow (degrees)	360°			
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon			
Residence time for reactive gases (seconds)	N/A			
Will there be changes within the next 18 months? (Y/N)	No			
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A			
Frequency of flow rate verification for manual PM samplers	N/A			
Frequency of flow rate verification for automated PM analyzers	N/A			
Frequency of one-point QC check for gaseous instruments	N/A			

Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A			
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	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.