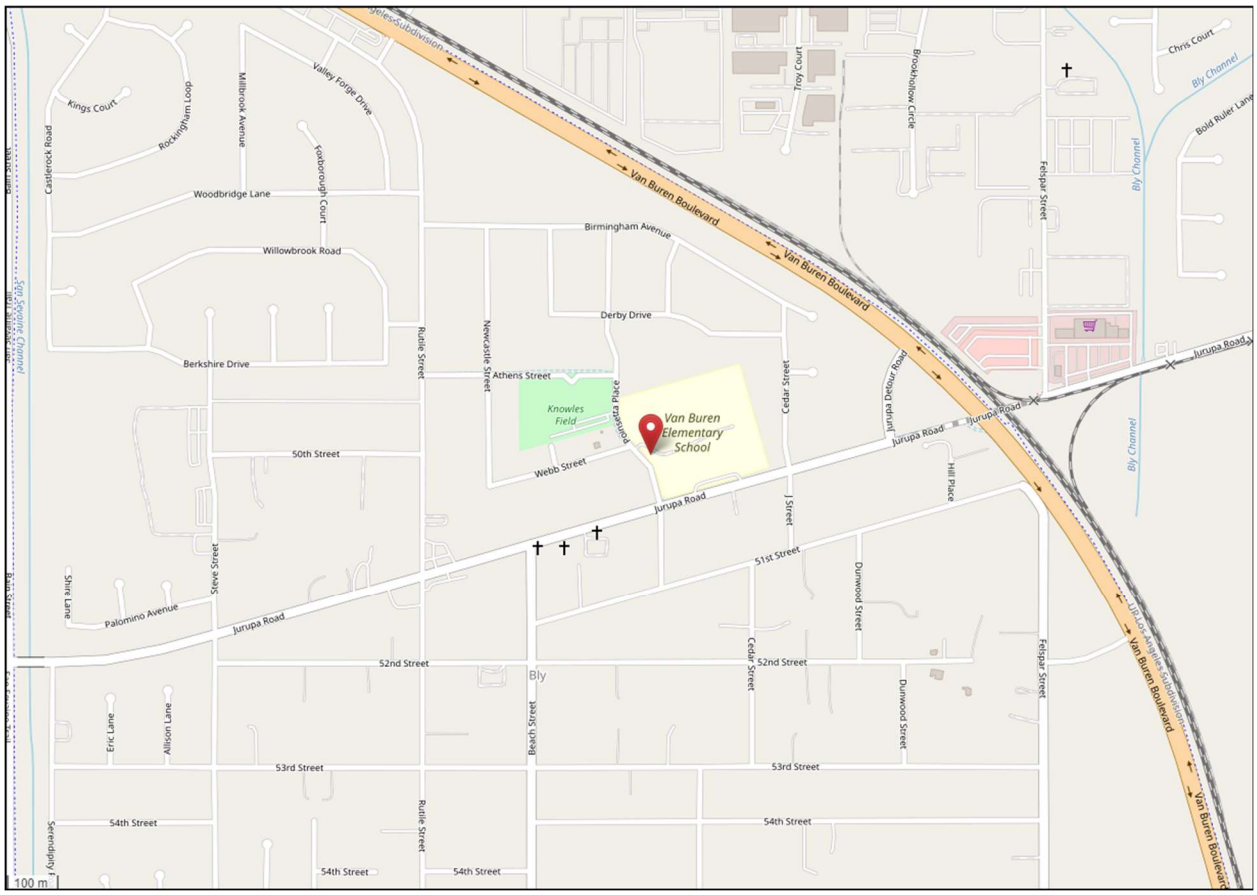
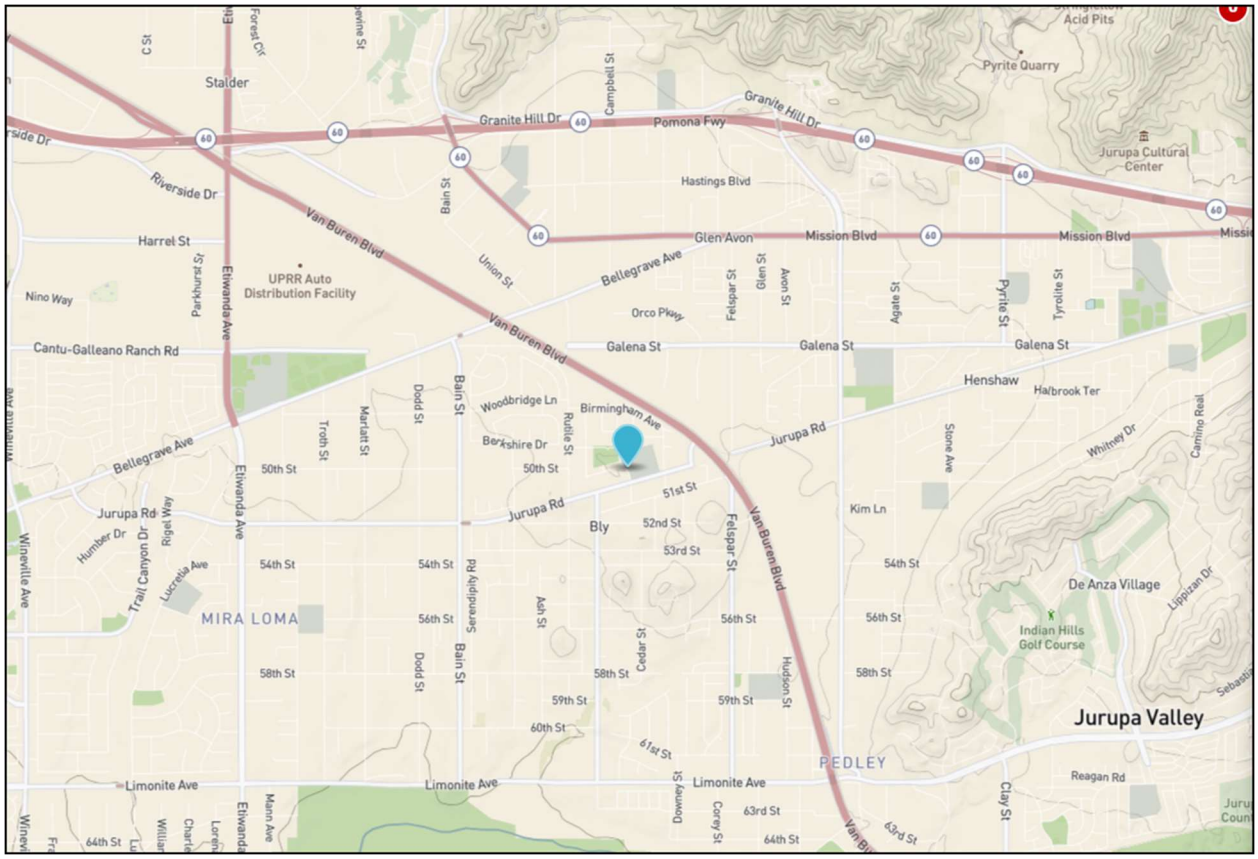
South Coast AQMD
Site Survey Report for Mira Loma (Van Buren)

Last updated: May 16, 2025



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060658005	33165	11/2005	South Coast AQMD (0972)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
5130 Poinsettia Place Riverside, CA 92509	Riverside	South Coast	33.996360	-117.492400	220


Acid Pits
Pyrite Quarry
Stalder
Granite Hill Dr
Pomona Fwy
Jurupa Cultural Center
Hastings Blvd
Riverside Dr
Van Buren Blvd
Harrel St
Glen Avon
Mission Blvd
UPRR Auto Distribution Facility
Nino Way
Bellegrave Ave
Orco Pkwy
Cantu-Galleano Ranch Rd
Galena St
Henshaw
Halbrook Ter
Woodbridge Ln
Birmingham Ave
Berkshire Dr
Jurupa Rd
Whitney Dr
50th St
51st St
52nd St
53rd St
Bly
Kim Ln
Humber Dr
Trail Canyon Dr
Rigel Way
Lucretia Ave
54th St
MIRA LOMA
56th St
58th St
59th St
60th St
61st St
De Anza Village
Indian Hills Golf Course
Jurupa Valley
PEDLEY
Limonite Ave
Reagan Rd
63rd St
64th St
Wineville Ave
Etiwanda Ave
Mann Ave
Bain St
Dodd St
Serendipity Rd
Ash St
Cedar St
Felspar St
Hudson St
Corey St
Downey St
Union St
Glen St
Avon St
Agate St
Pyrite St
Tyrolite St
Rutile St
Troth St
Marlatt St
Parkhurst St
Forest Ctr
C St
Campbell St
Stone Ave
Camino Real
Lippizan Dr

Detailed Site Information

Local site name	Mira Loma (Van Buren)
AQS ID	060658005
GPS coordinates (decimal degrees)	Latitude: 33.996360, Longitude: -117.492400
Street Address	5130 Poinsettia Place, Riverside CA
County	Riverside
Distance to roadways (meters)	13
Traffic count (AADT, year)	405 / 2022
Groundcover (e.g. asphalt, dirt, sand)	Gravel
Representative statistical area name (i.e. MSA, CBSA, other)	40140-Riverside, San Bernardino-Ontario, CA MSA

Pollutant, POC	Carbon Monoxide, 1	Nitrogen Dioxide, 1	Ozone, 1	
Primary / QA Collocated / Other	N/A	N/A	N/A	
Parameter code	42101	42602	44201	
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	
Site type(s)	Population Exposure	Population Exposure	Population Exposure	
Monitor (type)	SLAMS	SLAMS	SLAMS	
Network Affiliation	N/A	Area Wide	N/A	
Instrument manufacturer and model	Horiba APMA 360	Teledyne T200	Teledyne T400	
Method code	106	099	087	
FRM/FEM/ARM/ other	FRM	FRM	FEM	
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Analytical Lab (i.e., weigh lab, toxics lab, other)	N/A	N/A	N/A	
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	
Monitoring start date (MM/DD/YYYY)	11/09/2005	11/09/2005	11/09/2005	
Current sampling frequency (e.g.1:3, continuous)	Continuous	Continuous	Continuous	
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	N/A	
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	
Probe height (meters)	4.2	4.2	4.2	
Distance from supporting structure (meters)	N/A	N/A	N/A	
Distance from obstructions on roof (meters)	N/A	N/A	N/A	

Distance from obstructions not on roof (meters)	N/A	N/A	N/A	
Distance from trees (meters)	32 m West (Cypress) Height 13.6 m	32 m West (Cypress) Height 13.6 m	32 m West (Cypress) Height 13.6 m	
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	
Distance between collocated monitors (meters)	N/A	N/A	N/A	
Unrestricted airflow (degrees)	360°	360°	360°	
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon	Teflon	Teflon	
Residence time for reactive gases (seconds)	8.1	9.5	8.7	
Will there be changes within the next 18 months? (Y/N)	No	No	No	
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	
Frequency of one-point QC check for gaseous instruments	Nightly	Nightly	Nightly	
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	11/14/2024	11/14/2024	11/14/2024	
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A	N/A	

Pollutant, POC	Continuous PM2.5, 3	24 Hour PM2.5, 1	Continuous PM10, 3	24 Hour PM2.5, 2
Primary / QA Collocated / Other	Other	Primary	Primary	QA Collocated
Parameter code	88502	88101	81102	88101
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Highest Concentration	Highest Concentration	Highest Concentration	Highest Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network Affiliation	N/A	N/A	N/A	N/A
Instrument manufacturer and model	Met One BAM 1020	Thermo 2025i PM2.5 A Sampler	Met One BAM 1020	Thermo 2025i PM2.5 B Sampler
Method code	170	145	122	145
FRM/FEM/ARM/ other	FEM	FRM	FEM	FRM
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e., weigh lab, toxics lab, other)	N/A	South Coast AQMD	N/A	South Coast AQMD
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	11/09/2005	12/07/2005	03/08/2010	03/01/2012
Current sampling frequency (e.g.1:3, continuous)	Continuous	1:1	Continuous	1:6
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	1:3	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)	4.4	4.7	4.3	4.7
Distance from supporting structure (meters)	1.9	2.1	1.8	2.1
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)	32 m West (Cypress) Height 13.6 m	32 m West (Cypress) Height 13.6 m	32 m West (Cypress) Height 13.6 m	32 m West (Cypress) Height 13.6 m
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	3.5	3.5	N/A	1.2
Unrestricted airflow (degrees)	360°	360°	360°	360°

Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	N/A
Residence time for reactive gases (seconds)	N/A	N/A	N/A	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)	Yes	Yes	No	Yes
Frequency of flow rate verification for manual PM samplers	N/A	Monthly	N/A	Monthly
Frequency of flow rate verification for automated PM analyzers	Monthly	N/A	Monthly	N/A
Frequency of one-point QC check for gaseous instruments	N/A	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	04/16/2024 09/25/2024	04/16/2024 09/25/2024	04/16/2024 09/25/2024	04/16/2024 09/25/2024

Pollutant, POC	WS & D, 1/1	RH/T, 1/1	BP, 1	
Primary / QA Collocated / Other	N/A	N/A	N/A	
Parameter code	61101/61102	62201/62101	64101	
Basic monitoring objective(s)	Research	Research	Research	
Site type(s)	Meteorological	Meteorological	Meteorological	
Monitor (type)	SLAMS	SLAMS	SLAMS	
Network Affiliation	N/A	N/A	N/A	
Instrument manufacturer and model	RM Young 05305VP	Rotronic HC2-S3	Met One 091	
Method code	065/065	063/063	015	
FRM/FEM/ARM/ other	N/A	N/A	N/A	
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Analytical Lab (i.e., weigh lab, toxics lab, other)	N/A	N/A	N/A	
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	
Monitoring start date (MM/DD/YYYY)	11/2005	11/2005	11/2005	
Current sampling frequency (e.g.1:3)	Continuous	Continuous	Continuous	
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	N/A	
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	
Probe height (meters)	10	4.5	3.5	
Distance from supporting structure (meters)	10	4.5	.25	
Distance from obstructions on roof (meters)	N/A	N/A	N/A	
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	
Distance from trees (meters)	36	36	36	
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	
Distance between collocated monitors (meters)	N/A	N/A	N/A	
Unrestricted airflow (degrees)	360°	360°	360°	

Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	
Residence time for reactive gases (seconds)	N/A	N/A	N/A	
Will there be changes within the next 18 months? (Y/N)	No	No	No	
Is it suitable for comparison against the annual PM2.5?	N/A	N/A	N/A	
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	
Frequency of one-point QC check for gaseous instruments	N/A	N/A	N/A	
Last Annual Performance Evaluation for gaseous parameters	N/A	N/A	N/A	
Last two semi-annual flow rate audits for PM monitors	N/A	N/A	N/A	

Mira Loma (Van Buren)
Site Photos

Looking North from the probe.

Looking East from the probe.

Looking South from the probe.

Looking West from the probe.

Mira Loma (Van Buren)
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.