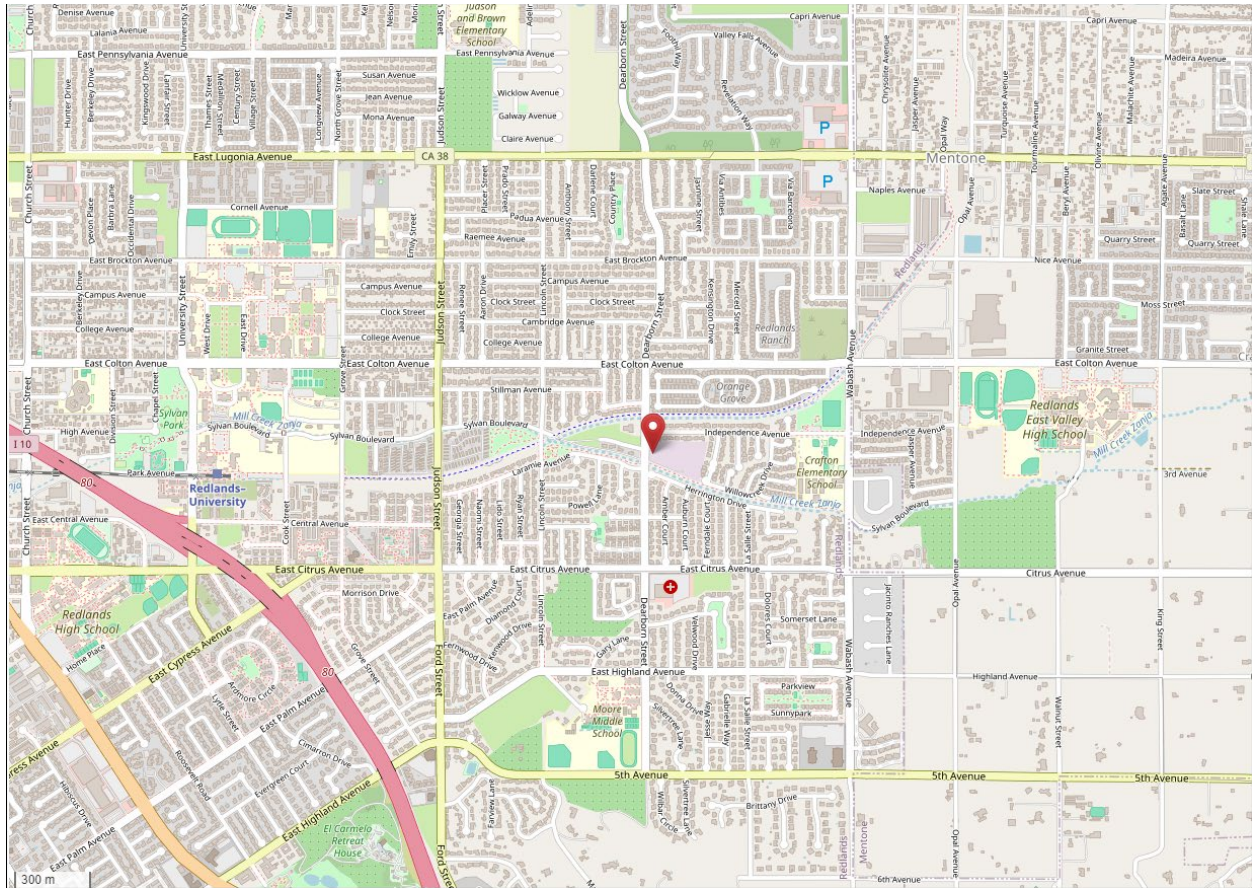
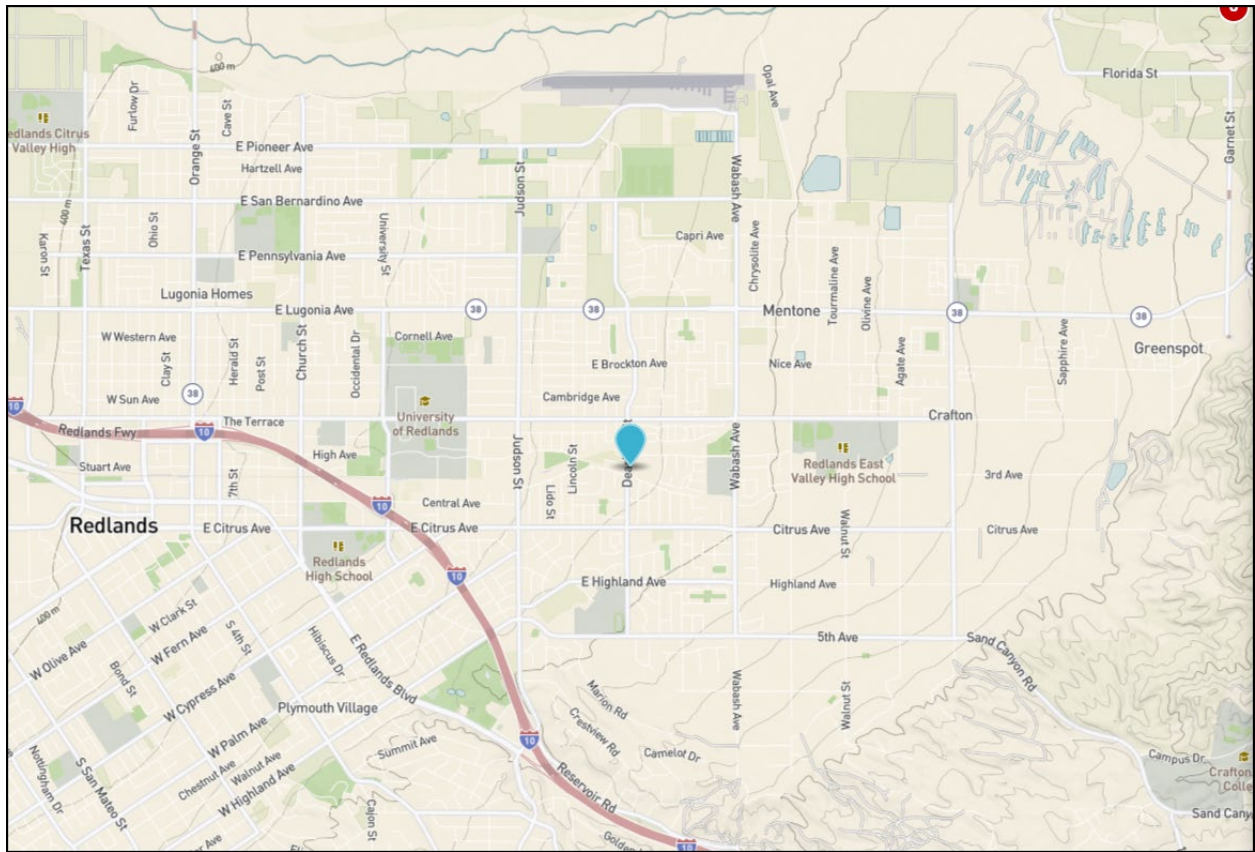


South Coast AQMD
Site Survey Report for Redlands
Last updated: May 7, 2024



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060714003	36204	09/1986	South Coast AQMD (0972)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
500 N. Dearborn Street Redlands, CA 92374	San Bernardino	South Coast	34.059626	-117.147347	475m



Detailed Site Information

Local site name	Redlands			
AQS ID	060714003			
GPS coordinates (decimal degrees)	Latitude: 34.059626, Longitude: -117.147347			
Street Address	500 N. Dearborn Street, Redlands, CA 92374			
County	San Bernardino			
Distance to roadways (meters)	26			
Traffic count (AADT, year)	6300 / 2022			
Groundcover (e.g. asphalt, dirt, sand)	Dirt			
Representative statistical area name (i.e. MSA, CBSA, other)	40140-Riverside-San Bernardino-Ontario, CA MSA			
Pollutant, POC	Ozone, 1	PM10, 1	WS & D, 1/1	RH/T, 1
Primary / QA Collocated / Other	N/A	Primary	N/A	N/A
Parameter code	44201	81102	61101/61102	62201/62101
Basic monitoring objective(s)	NAAQS	NAAQS	Research	Research
Site type(s)	Population Exposure	Population Exposure	Meteorological	Meteorological
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	N/A	N/A	N/A	N/A
Instrument manufacturer and model	Teledyne T400	Tisch SSI TE- PM10PLUS-BL	RM Young 05305V	Rotronic HC2-S3
Method code	087	141	065/065	063/063
FRM/FEM/ARM/ other	FEM	FRM	N/A	N/A
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	N/A
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)	09/01/1986	09/01/1986	09/1986	09/1986
Current sampling frequency (e.g.1:3, continuous)	Continuous	1:6	Continuous	Continuous
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	1:6	N/A	N/A
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)	4.7	2.7	10	2.9
Distance from supporting structure (meters)	N/A	N/A	N/A	N/A
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	15	15
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	N/A	N/A	N/A
Residence time for reactive gases (seconds)	13.6	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 PM _{2.5} ? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	N/A	Monthly	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	Nightly	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	10/04/2024	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	04/20/2023 09/22/2023	N/A	N/A

**Redlands
Site Photos**



Looking North from the probe.



Looking East from the probe.



Looking South from the probe.



Looking West from the probe.

**Redlands
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.