

# Quality Assurance Site Survey Report for Redlands

*Last updated May, 2014*



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060714003	36204	09/1986	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
500 N Dearborn St Redlands, CA 92374	San Bernardino	South Coast	34° 03' 35"N	117° 08' 50"W	475



## Detailed Site Information

Local site name	Redlands		
AQS ID	060714003		
GPS coordinates (decimal degrees)	Latitude: 34° 03' 35" Longitude: 117° 08' 50"		
Street Address	500 N Dearborn Ave, Redlands, CA 92374		
County	San Bernardino		
Distance to roadways (meters)	26		
Traffic count (AADT, year)	10 / 2012		
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	
Parameter code	44201	See Table 26	
Basic monitoring objective(s)	NAAQS	NAAQS	
Site type(s)	Population Exposure	Population Exposure	
Monitor (type)	SLAMS	SLAMS	
Instrument manufacturer and model	API/Teledyne 400E	Sierra Andersen 1200 SSI	
Method code	087	063, 102	
FRM/FEM/ARM/ other	FEM	FRM	
Collecting Agency	SCAQMD	SCAQMD	
Analytical Lab (i.e. weigh lab, toxics lab, other)	N/A	SCAQMD	
Reporting Agency	SCAQMD	SCAQMD	
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	
Monitoring start date (MM/DD/YYYY)	09/01/1986	09/01/1986	
Current sampling frequency (e.g. 1:3, continuous)	1:1	1:6	
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	1:6	
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	
Probe height (meters)	5.0	3.5	
Distance from supporting structure (meters)	1.6	1.6	
Distance from obstructions on roof (meters)	N/A	N/A	
Distance from obstructions not on roof (meters)	N/A	N/A	

Distance from trees (meters)	N/A	N/A		
Distance to furnace or incinerator flue (meters)	N/A	N/A		
Distance between collocated monitors (meters)	N/A	N/A		
Unrestricted airflow (degrees)	360°	360°		
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon	Teflon		
Residence time for reactive gases (seconds)	17.5	N/A		
Will there be changes within the next 18 months? (Y/N)	No	No		
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A		
Frequency of flow rate verification for manual PM samplers	N/A	Monthly		
Frequency of flow rate verification for automated PM analyzers	N/A	N/A		
Frequency of one-point QC check for gaseous instruments	Nightly	N/A		
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	11/15/2013	N/A		
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	05/02/2013, 12/05/2013		

**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.**