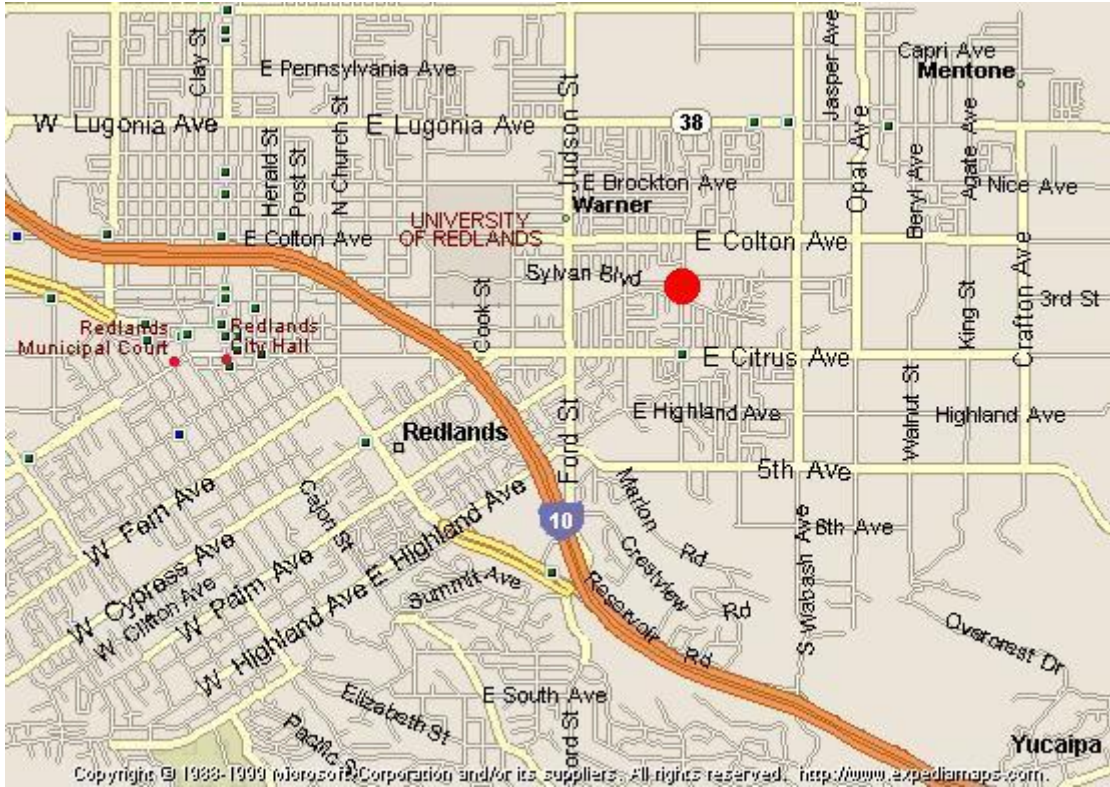


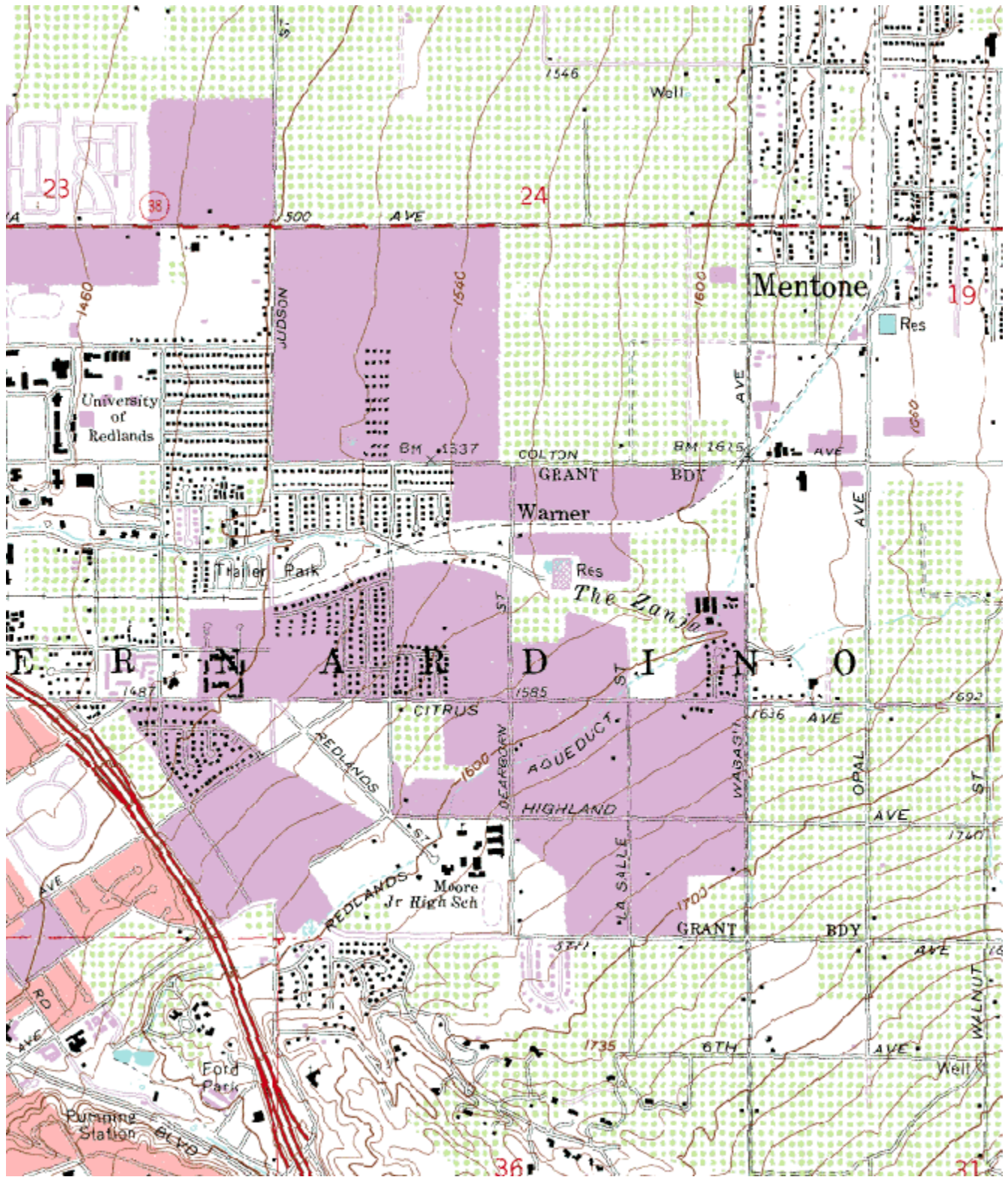
# Quality Assurance Site Survey Report for Redlands

Last updated May 2011



AIRS Number	ARB Number	Site Start Date	Reporting Agency and Agency Code
060714003	36204	09/86	<a href="#">South Coast AQMD (061)</a>

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



# Site Survey Report

## Siting Information

Site Name: Redlands	Date: 5/27/11	State Code: 36204	AIRS Number: 060714003
Address: 500 N. Dearborn Ave Redlands, CA 92374	Latitude: 34° 03' 35"	Longitude: 117° 08' 50"	Elevation (m): 475
	Senior AQIS: Keith Brown	Site Technician: Brandon Feenstra	Site Phone: (909) 793-6019
Operating Agency: South Coast AQMD			

## General Siting Conditions

<b>Station Temperature</b> Controlled: Yes Recorded: Yes	<b>Traffic</b> Description: Residential Distance: 10 meters Count (Veh/Day): 4709	<b>Topography</b> Site: Level	Predominant Wind Direction: N
		Region: Level	Arc Air Flow (Deg): 180 Degrees
		<b>QA Manual</b> Approved: Yes Agency: South Coast AQMD	Probe Last Cleaned: 6/11
Manifold Clean: Yes			
Cleaning Schedule: 6 Months			
Autocalibrator Type: Environics 100			
<b>Meteorology</b> Located With Instruments: Yes	<b>Non-vehicular Local Sources</b> Description: Dirt Distance: 2 meters Direction: surrounding	Urbanization: Suburban	Site Survey Complete: Yes
		Ground Cover: dirt	Logbook Up To Date: Yes

## Action Items

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## Comments

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## Detailed Site Information

Site name	Redlands		
AQS ID (AIRS #)	060714003		
GIS coordinates	Latitude: 34° 03' 35" Longitude: 117° 08' 50"		
Location	Vacant Lot / Water District		
Address	500 N Dearborn Ave, Redlands, CA 92374		
County	San Bernardino		
Distance to road	26 meters		
Traffic count	10 veh/day		
Groundcover	Dirt		
Representative area	31100-Los Angeles-Long Beach-Santa Ana, CA MSA		
Pollutant	Ozone	PM10-SSI	
Site type	SLAMS	SLAMS	
Monitor objective	Population Oriented	Population Oriented	
Spatial scale	Neighborhood Scale	Neighborhood Scale	
Instrument type	Primary	Primary	
Method code	N/A	N/A	
POC code	1	1	
Instrument manufacturer/model	API/Teledyne 400E	Andersen SA1200	
Serial #	525	4939	
Property #	N/A	N/A	
Last calibration date	4/7/11	1/5/11	
Analysis method	UV Photometric	Gravimetric	
Start date	09/01/86	09/01/86	
Operation schedule	1:1	1:6	
Sampling season	All Year	All Year	
Probe height	5.0	3.5	
Distance from supporting structure	1.6	1.6	
Distance from obstructions on roof	N/A	N/A	
Distance from obstructions not on roof	N/A	N/A	
Distance from trees	N/A	N/A	
Distance to furnace or incinerator flue	N/A	N/A	
Distance between collocated monitors	N/A	N/A	
Unrestricted airflow	Yes	Teflon	
Probe material	Teflon	N/A	
Residence time	8.0	N/A	
Will there be changes within the next 18 months?	Yes	Yes	
Is it suitable for comparison against the annual PM2.5?	N/A	N/A	

Frequency of flow rate verification for manual PM samplers audit	N/A	Monthly		
Frequency of flow rate verification for automated PM analyzers audit	N/A	N/A		
Frequency of one-point QC check (gaseous)	Nightly	N/A		
Date of last annual performance evaluation	11/24/10	N/A		
Dates of semi-annual flow rate audits for PM monitors	N/A	6/3/10		
	N/A	12/14/10		
Date of past year's PM2.5-PEP audit	N/A	N/A		
Date of past year's Pb-PEP audit	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.**