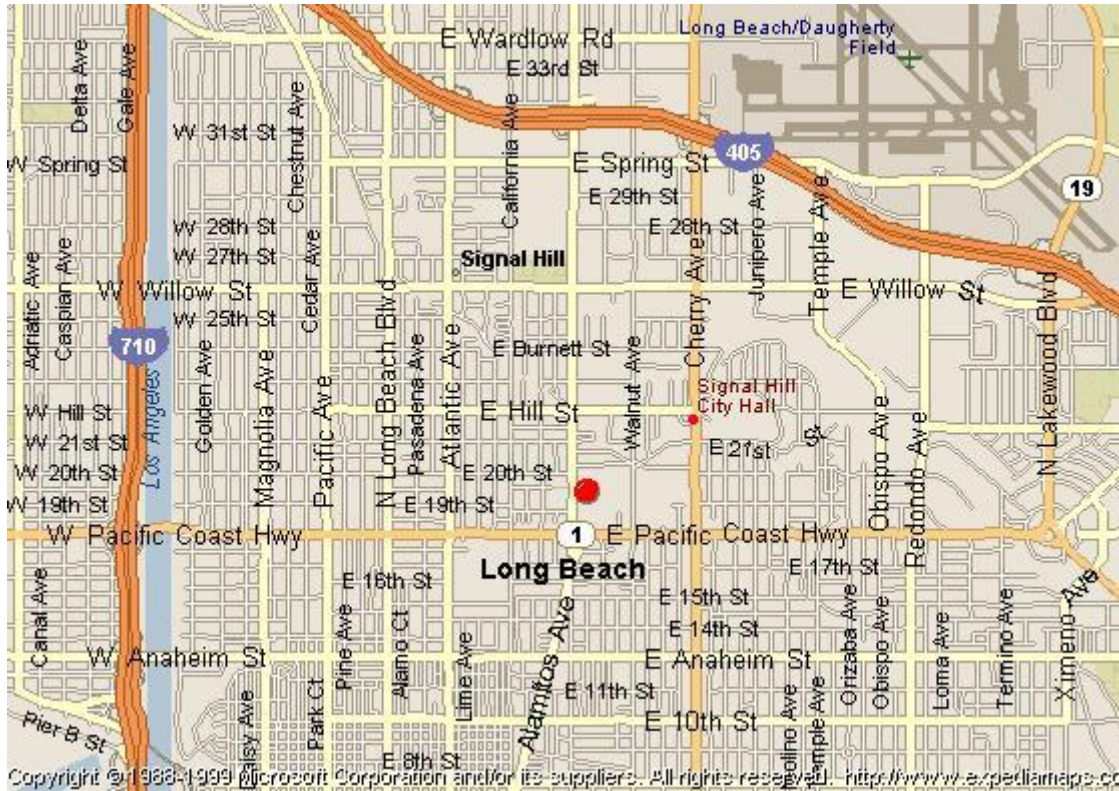


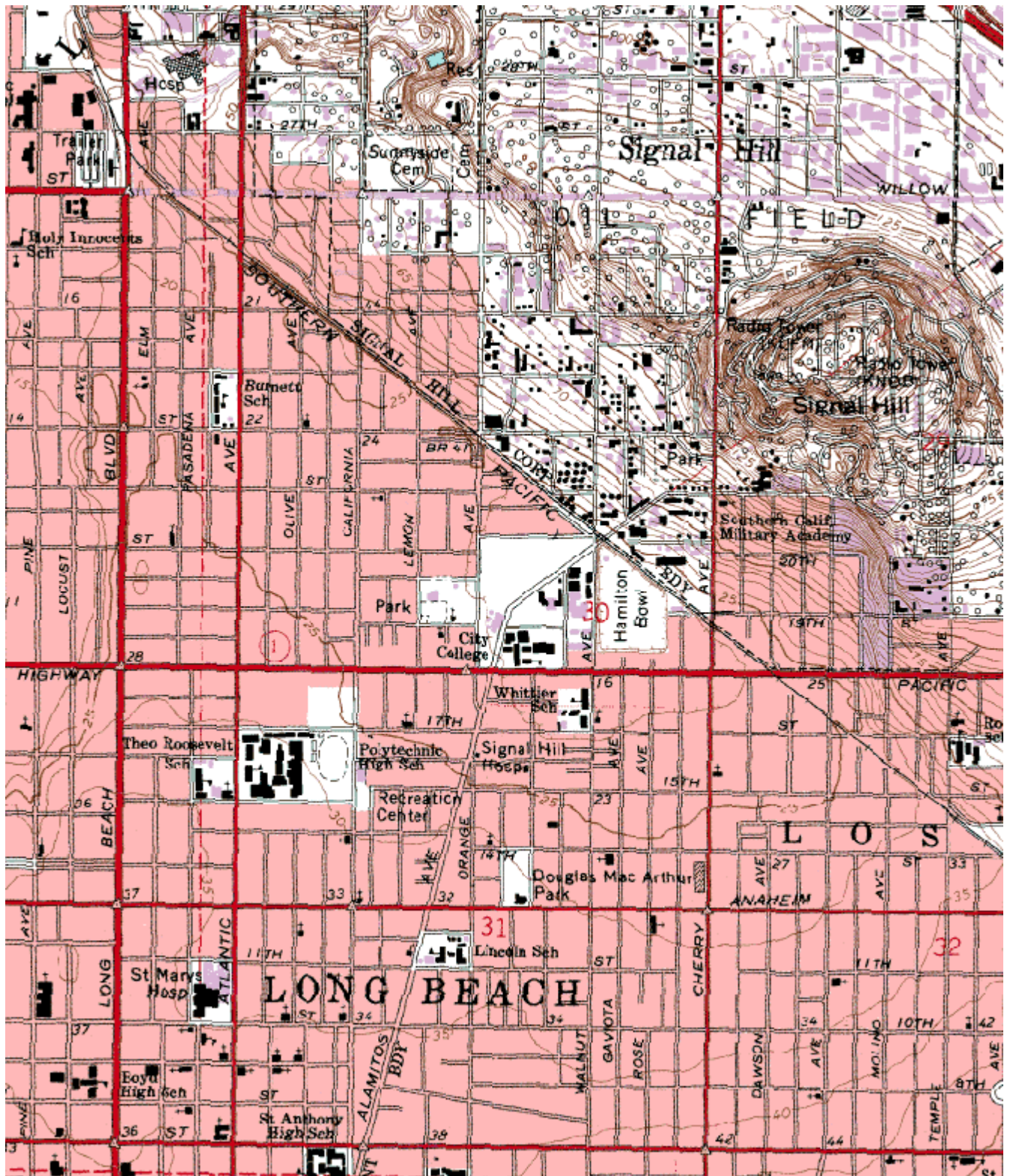
Quality Assurance Site Survey Report for South Long Beach

Last updated May, 2011



AIRS Number	ARB Number	Site Start Date	Reporting Agency and Agency Code
060374004	70110	06/03	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
1305 E. Pacific Coast Hwy Long Beach, CA 90806	Los Angeles	South Coast	33° 47' 32"N	118° 10' 31"W	6



Site Survey Report

Siting Information

Site Name: South Long Beach	Date: 5/27/11	State Code: 70110	AIRS Number: 060374004
Address: 1305 E. Pacific Coast Hwy Long Beach, CA 90806	Latitude: 33° 47' 32"	Longitude: 118° 10' 31"	Elevation (m): 6
	Senior AQIS: Albert Dietrich	Site Technician: Charlie Decker	Site Phone: N/A
Operating Agency: South Coast AQMD			

General Siting Conditions

Station Temperature Controlled: No Recorded: No	Traffic Description: Commercial Distance: 86 meters Count (Veh/Day): 10000	Topography Site: Level Region: Level	Predominant Wind Direction: W Arc Air Flow (Deg): 360 Degrees Probe Last Cleaned: N/A
		QA Manual Approved: Yes Agency: South Coast AQMD Urbanization: Suburban Ground Cover: Asphalt	Manifold Clean: N/A Cleaning Schedule: N/A Autocalibrator Type: N/A
			Site Survey Complete: Yes Logbook Up To Date: Yes
Meteorology Located With Instruments: Yes	Non-vehicular Local Sources Description: None Distance: N/A Direction: N/A		

Action Items

Comments

Detailed Site Information

Site name	South Long Beach			
AQS ID (AIRS #)	060374004			
GIS coordinates	Latitude: 33° 47' 32" Longitude: 118° 10' 31"			
Location	Long Beach Community College			
Address	1305 E Pacific Coast Hwy, Long Beach, CA 90806			
County	Los Angeles			
Distance to road	86 meters			
Traffic count	10,000 veh/day			
Groundcover	Asphalt			
Representative area	31100-Los Angeles-Long Beach-Santa Ana, CA MSA			
Pollutant	PM10 -SSI	TSP (Lead)	BAM-PM2.5 FEM	PM2.5 RAAS
Site type	SLAMS	SLAMS	SLAMS	SLAMS
Monitor objective	Highest Concentration	Highest Concentration	Population Oriented	Population Oriented
Spatial scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale
Instrument type	Primary	Primary	Audit	Primary
Method code	N/A	N/A	170	N/A
POC code	1	1	3	1
Instrument manufacturer/model	Andersen 1200	Tisch TE 300-310	MetOne BAM 1020	Andersen RAAS 2.5-3.0
Serial #	N/A	N/A	E4236	348
Property #	2726	1555	164834 (USC)	N/A
Last calibration date	3/29/11	4/12/11	12/14/10	3/2/11
Analysis method	Gravimetric	Inductively Coupled Argon Plasma-Mass Spectrometry	Beta attenuation	Gravimetric
Start date	06/20/03	06/20/03	06/20/03	06/20/03
Operation schedule	1:6	1:6	1:1	1:1
Sampling season	All Year	All Year	All Year	All Year
Probe height	2.44	2.11	2.64	2.84
Distance from supporting structure	1.5	1.12	2.64	1.83
Distance from obstructions on roof	N/A	N/A	N/A	N/A
Distance from obstructions not on roof	N/A	N/A	N/A	N/A
Distance from trees	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue	N/A	N/A	N/A	N/A
Distance between collocated monitors	N/A	N/A	1.5	1.5
Unrestricted airflow	Yes	Yes	Yes	Yes
Probe material	N/A	N/A	N/A	N/A
Residence time	N/A	N/A	N/A	N/A
Will there be changes within the next 18 months?	No	No	No	No
Is it suitable for comparison against the annual PM2.5?	N/A	N/A	No	Yes

Frequency of flow rate verification for manual PM samplers audit	Monthly	N/A	N/A	Monthly
Frequency of flow rate verification for automated PM analyzers audit	N/A	N/A	Monthly	N/A
Frequency of one-point QC check (gaseous)	N/A	N/A	N/A	N/A
Date of last annual performance evaluation	N/A	N/A	N/A	N/A
Dates of semi-annual flow rate audits for PM monitors	3/22, 5/27/10	3/22, 5/27/10	N/A	3/22, 5/27/10
	9/30, 12/15/10	9/30, 12/15/10	N/A	9/30, 12/15/10
Date of past year's PM2.5-PEP audit	N/A	N/A	N/A	6/2/11
Date of past year's Pb-PEP audit	N/A	Scheduled	N/A	N/A

**South Long Beach
Site Photos**



Looking North from the probe.



Looking East from the probe.



Looking South from the probe.



Looking West from the probe.

**South Long Beach
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.