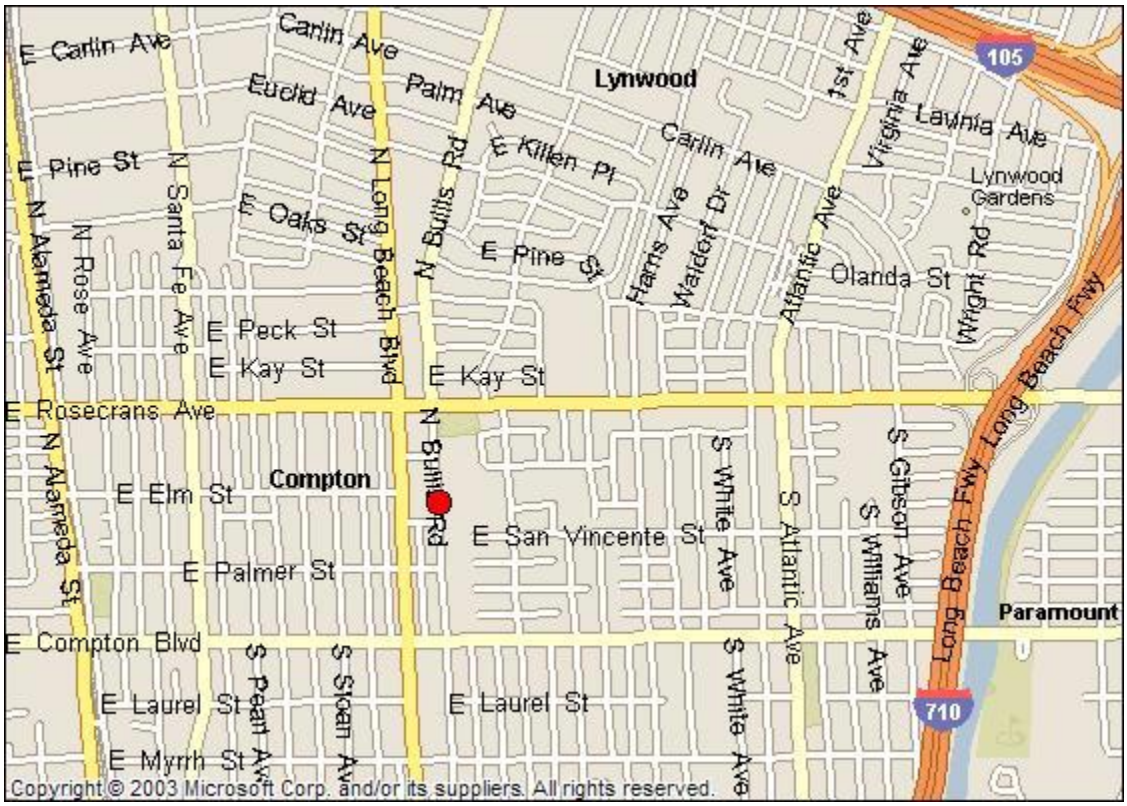
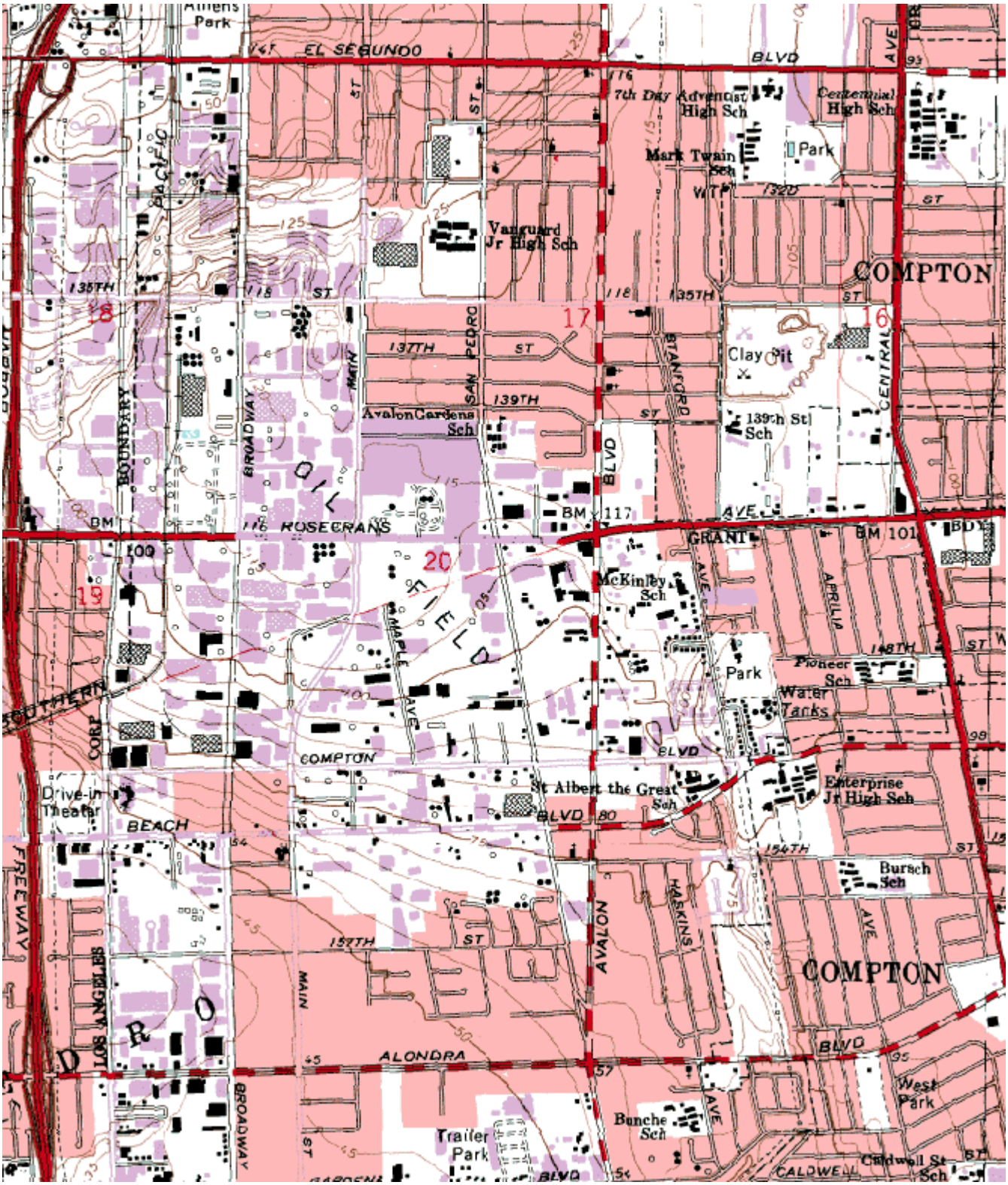
South Coast AQMD
Site Survey Report for Compton

Last updated: May 10, 2016



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060371302	70112	01/2004	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
700 North Bullis Rd Compton, CA 90221	Los Angeles	South Coast	33° 54' 05"N	118° 12' 18"W	22


Athens Park
EL SEGUNDO
BLVD
7th Day Adventist High Sch
Centennial High Sch
Mark Twain Sch
Park
WTP
Vanguard Jr High Sch
COMPTON
135TH
ST
137TH
139TH
Clay Pit
139th St Sch
Avalon Gardens Sch
BOUNDARY
BROADWAY
MAIN
SAN PEDRO
STANFORD
CENTRAL
AVE
BM
ROSECRANS
GRANT
McKinley Sch
APRILLIA
148TH
Pioneer Sch
Water Tanks
Park
SOUTHERN
CORP
COMPTON
BLVD
Drive-in Theater
BEACH
St Albert the Great Sch
Enterprise Jr High Sch
154TH
Bursch Sch
FREEWAY
LOS ANGELES
157TH
MAIN
AVALON
HASKINS
COMPTON
ALONDRA
West Park
Trailer Park
Bunche Sch
CALDWELL
Caldwell St Sch
OIL FIELD
18
17
16
19
20

Detailed Site Information

Local site name	Compton
AQS ID	060371302
GPS coordinates (decimal degrees)	Latitude: 33° 54' 05" Longitude: 118° 12' 18"
Street Address	700 N Bullis Rd, Compton, CA 90221
County	Los Angeles
Distance to roadways (meters)	13 – 17; 1680
Traffic count (AADT, year)	1,000 / 2012; 710/105, 225,000, 2011
Groundcover (e.g. asphalt, dirt, sand)	Asphalt
Representative statistical area name (i.e. MSA, CBSA, other)	31080-Los Angeles-Long Beach-Anaheim, MSA

Pollutant, POC	Carbon Monoxide, 1	Nitrogen Dioxide, 1	Ozone , 1	Lead, 1
Parameter code	42101	42602	44201	14129
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Highest Concentration	Population Exposure	Population Exposure	Population Exposure
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS/Pb
Instrument manufacturer and model	Horiba APMA 370	Thermo 42i	Thermo 49i	GMW 1200 TSP, A Sampler
Method code	158	074	047	110
FRM/FEM/ARM/ other	FRM	FRM	FEM	FRM
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Analytical Lab (i.e.weigh lab, toxics lab, other)	N/A	N/A	N/A	SCAQMD
Reporting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Spatial scale (e.g. micro, neighborhood)	Middle	Middle	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	01/2004	01/2004	01/2004	01/2004
Current sampling frequency (e.g.1:3, continuous)	1:1	1:1	1:1	1:6
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	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)	4.0	4.0	4.0	3.0
Distance from supporting structure (meters)	1.5	1.5	1.5	1.1
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)	16	16	16	13
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	Teflon	Teflon	N/A
Residence time for reactive gases (seconds)	5.2	6.5	5.4	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)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	Monthly
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	Nightly	Nightly	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	6/9/2015	6/9/2015	6/9/2015	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A	N/A	05/22/2015, 11/7/2015

Pollutant, POC	24 Hour PM2.5, 1	Lead, 2		
Parameter code	See Table 26	14129		
Basic monitoring objective(s)	NAAQS	NAAQS		

Site type(s)	Population Exposure	Population Exposure		
Monitor (type)	SLAMS	SLAMS/Pb/QA Collocated		
Instrument manufacturer and model	Andersen RAAS PM2.5	GMW 1200 TSP, B Sampler		
Method code	780, 120	110		
FRM/FEM/ARM/ other	FRM	FRM		
Collecting Agency	SCAQMD	SCAQMD		
Analytical Lab (i.e.weigh lab, toxics lab, other)	SCAQMD	SCAQMD		
Reporting Agency	SCAQMD	SCAQMD		
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood		
Monitoring start date (MM/DD/YYYY)	01/2004	05/2015		
Current sampling frequency (e.g.1:3, continuous)	1:3	1:6		
Calculated sampling frequency (e.g. 1:3/1:1)	1:3	1;6		
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31		
Probe height (meters)	2.5	3.0		
Distance from supporting structure (meters)	1.0	1.1		
Distance from obstructions on roof (meters)	NA	N/A		
Distance from obstructions not on roof (meters)	N/A	N/A		
Distance from trees (meters)	17	13		
Distance to furnace or incinerator flue (meters)	N/A	N/A		
Distance between collocated monitors (meters)	N/A	2.0		
Unrestricted airflow (degrees)	360°	360°		
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A		
Residence time for reactive gases (seconds)	N/A	N/A		
Will there be changes within the next 18	No	No		

months? (Y/N)				
Is it suitable for comparison against the annual PM2.5? (Y/N)	Yes	N/A		
Frequency of flow rate verification for manual PM samplers	Monthly	Monthly		
Frequency of flow rate verification for automated PM analyzers	N/A	N/A		
Frequency of one-point QC check for gaseous instruments	N/A	N/A		
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A		
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	05/22/2015, 11/7/2015	5/22/2015, 11/7/2015		

Compton
Site Photos

	
Looking North from the probe.	**Looking East from the probe.**
	
Looking South from the probe.	**Looking West from the probe.**

Compton
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.