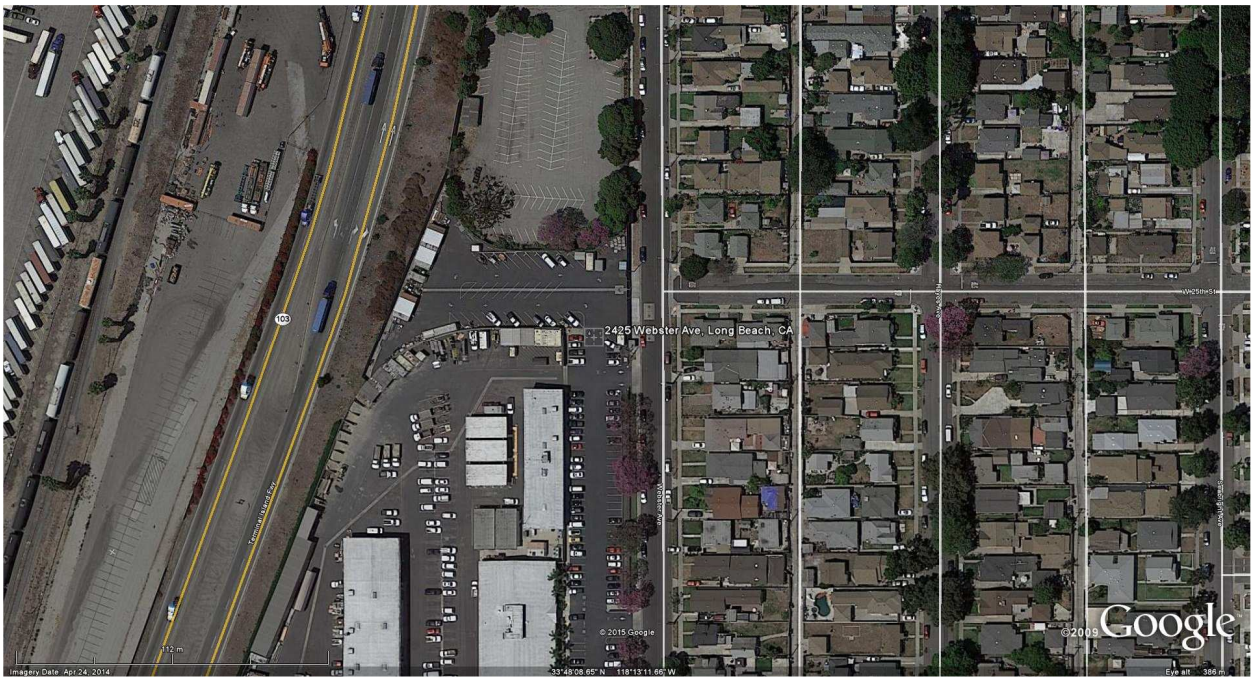
South Coast AQMD
Site Survey Report for Long Beach (Hudson)

Last updated: May, 2015



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060374006	70033	01/2010	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
2425 Webster St. Long Beach, CA 90810	Los Angeles	South Coast	33° 48' 08" N	118° 13' 11" W	10

794
795
E SEPULVEDA BLVD
W WILLOW ST
N SANTA FE AV
SANTA FE AV
Hudson Elem
HUDSON PARK
ADMIRAL KIDD PARK
DOMINGUEZ CHANNEL
LOS ANGELES RIVER
103
710
27TH
25TH
23RD
21ST
20TH
BURNETT
HILL
AQUARIUS ST
GEMINI ST
CONSTITUTION LN
WILLARD ST
CABRILLO HS
WEBSTER
HAYES
SEABRIGHT
MONITOR
BALTIC
EASY
FASHION
DELTA
FOREST
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Detailed Site Information

Local site name	Long Beach (Hudson)
AQS ID	060374006
GPS coordinates (decimal degrees)	Latitude: 33° 48' 08" N Longitude: 118° 13' 11" W
Street Address	2425 Webster St. Long Beach, CA 90810
County	Los Angeles
Distance to roadways (meters)	5
Traffic count (AADT, year)	unavailable
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	Sulfur Dioxide, 1
Parameter code	42101	42602	44201	42401
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Population Exposure	Highest Concentration	Population Exposure	Population Exposure
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Instrument manufacturer and model	Horiba 370	Thermo 42i	Thermo 49i	Thermo 43i
Method code	158	074	087	560
FRM/FEM/ARM/ other	FRM	FRM	FEM	FEM
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Analytical Lab (i.e.weigh lab, toxics lab, other)	N/A	N/A	N/A	N/A
Reporting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	1/10	1/10	1/10	1/10
Current sampling frequency (e.g.1:3, continuous)	1:1	1:1	1:1	1:1
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	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	4	4	4
Distance from supporting structure (meters)	2.0	2.0	2.0	2.0
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	N/A	N/A
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	Teflon
Residence time for reactive gases (seconds)	.8	1.2	1.7	3.1
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	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	Nightly	Nightly	Nightly
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	3/20/14	3/20/14	3/20/14	3/20/14
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A	N/A	N/A

Pollutant, POC	PM10, 2			
Parameter code	See Table 26			
Basic monitoring objective(s)	NAAQS			
Site type(s)	Population Exposure			
Monitor (type)	SLAMS/NATTS/ NCore			
Instrument	GMW 1200 SSI, A			

manufacturer and model	Sampler			
Method code	063,102			
FRM/FEM/ARM/ other	FRM			
Collecting Agency	SCAQMD			
Analytical Lab (i.e.weigh lab, toxics lab, other)	SCAQMD			
Reporting Agency	SCAQMD			
Spatial scale (e.g. micro, neighborhood)	Neighborhood			
Monitoring start date (MM/DD/YYYY)	01/10			
Current sampling frequency (e.g.1:3, continuous)	1:6			
Calculated sampling frequency (e.g. 1:3/1:1)	1:6			
Sampling season (MM/DD-MM/DD)	01/01-12/31			
Probe height (meters)	11.7			
Distance from supporting structure (meters)	1.5			
Distance from obstructions on roof (meters)	N/A			
Distance from obstructions not on roof (meters)	N/A			
Distance from trees (meters)	N/A			
Distance to furnace or incinerator flue (meters)	N/A			
Distance between collocated monitors (meters)	N/A			
Unrestricted airflow (degrees)	360°			
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A			
Residence time for reactive gases (seconds)	N/A			
Will there be changes within the next 18 months? (Y/N)	No			
Is it suitable for comparison against the annual PM2.5?	N/A			

(Y/N)				
Frequency of flow rate verification for manual PM samplers	Monthly			
Frequency of flow rate verification for automated PM analyzers	N/A			
Frequency of one-point QC check for gaseous instruments	N/A			
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A			
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	Scheduled for 2014, previously unaudited.			

Hudson (Long Beach)
Site Photos

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

Hudson (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.**