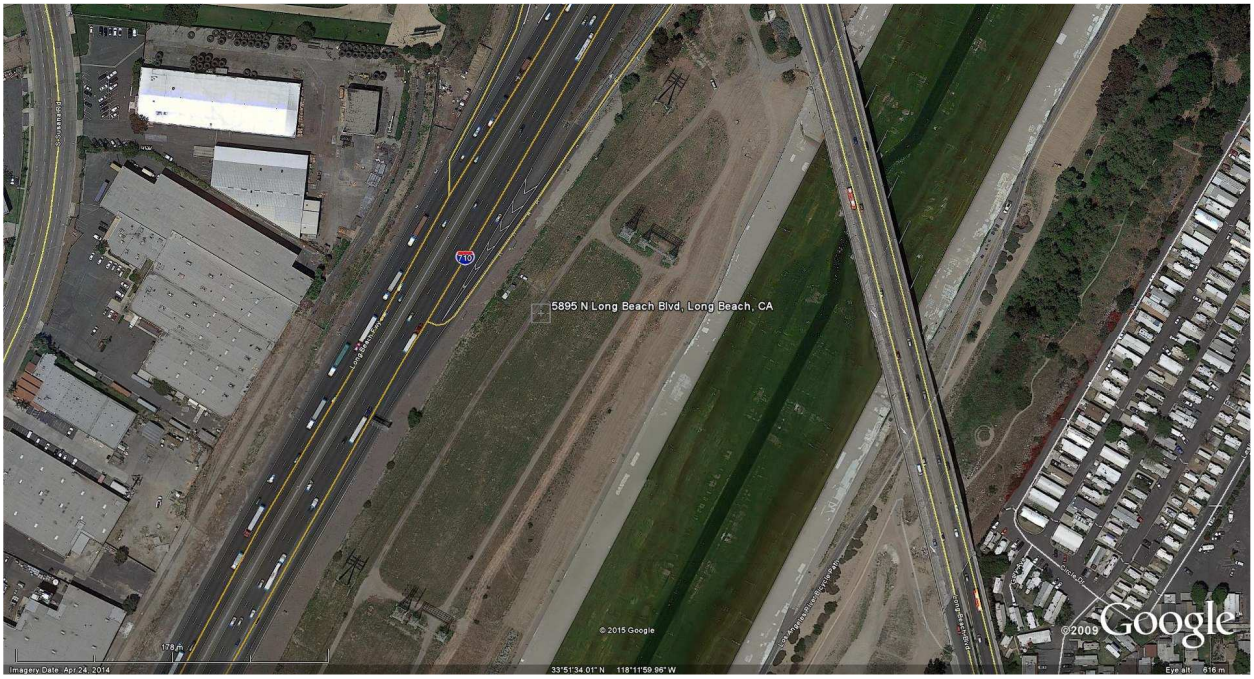
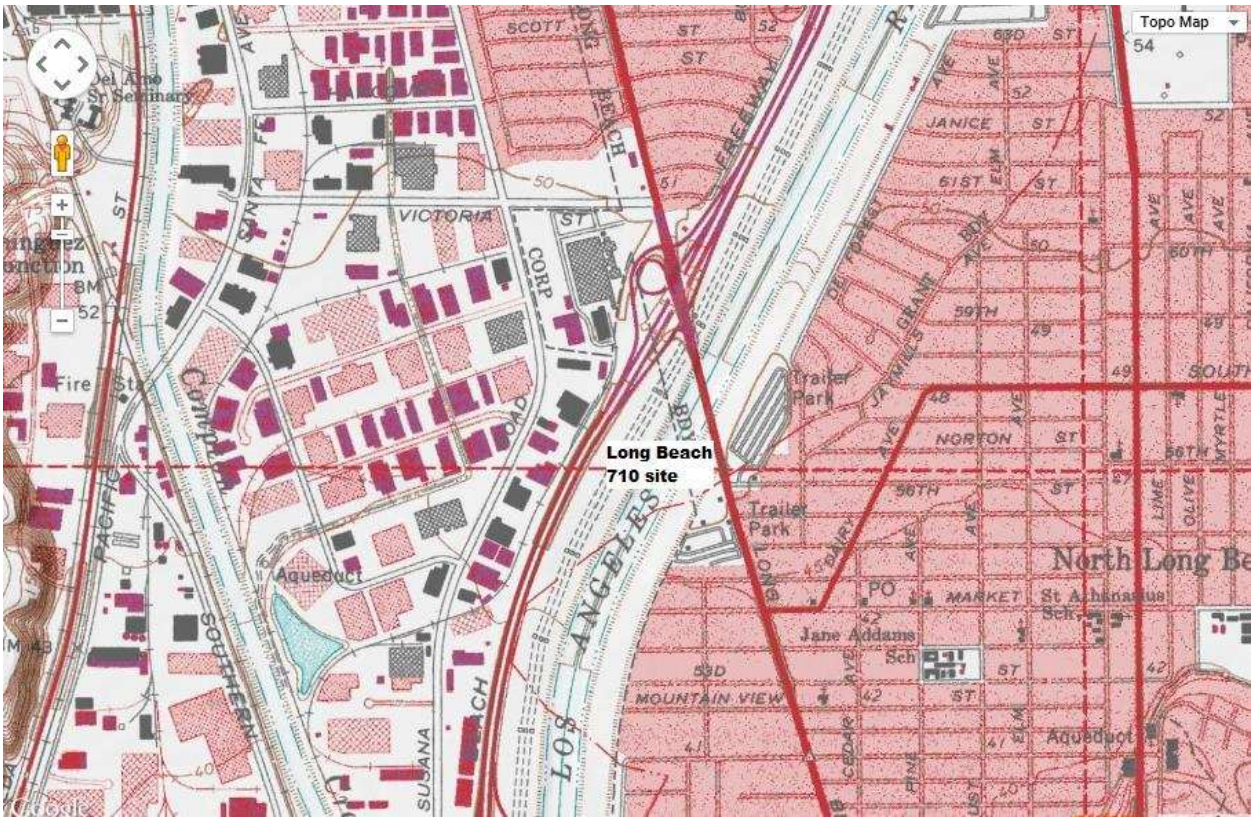
# Quality Assurance
# Site Survey Report for Long Beach Route 710 Near Road

*Last updated: May, 2015*




| AQS ID | ARB Number | Site Start Date | Reporting Agency and Agency Code |
|---|---|---|---|
| 060374008 | 70032 | 1/1/2015 | South Coast AQMD (061) |

| Site Address | County | Air Basin | Latitude | Longitude | Elevation |
|---|---|---|---|---|---|
| 5895 Long Beach Blvd | Los Angeles | South Coast | 33° 51' 34"N | 118° 12' 01"W | 12 m |


Topo Map
Long Beach
710 site
SCOTT
VICTORIA
JANICE
NORTON
MARKET
MOUNTAIN VIEW
Trailer Park
Aqueduct
Jane Addams Sch
North Long Be
Fire Sta
Del Amo Sr Seminary
LOS ANGELES
SOUTHERN
PACIFIC
SUSANA
CORP
FREEWAY

# Detailed Site Information

| | |
|---|---|
| Local site name | 710 Near Road |
| AQS ID | 060374008 |
| GPS coordinates (decimal degrees) | Latitude: 33° 51' 34"N Longitude: 118° 12' 01"W |
| Street Address | 5895 Long Beach Blvd., Long Beach, CA 90806 |
| County | Los Angeles |
| Distance to roadways (meters) | 20 |
| Traffic count (AADT, year) | 192,000 / 2012 |
| Groundcover (e.g. asphalt, dirt, sand) | Concrete/dry vegetation |
| Representative statistical area name (i.e. MSA, CBSA, other) | 31080-Los Angeles-Long Beach-Anaheim MSA |

| Pollutant, POC | Nitrogen Dioxide, 1 | 24 Hour PM2.5, 1 | Continuous PM2.5, 3 | |
|---|---|---|---|---|
| Parameter code | 42602 | See Table 26 | 88101 | |
| Basic monitoring objective(s) | NAAQS | NAAQS | NAAQS | |
| Site type(s) | Population Exposure | Population Exposure | Population Exposure | |
| Monitor (type) | SLAMS | SLAMS | SLAMS | |
| Instrument manufacturer and model | Thermo 42i | Thermo 2025i | Thermo 5014 | |
| Method code | 074 | 118,145 | 183 | |
| FRM/FEM/ARM/ other | FRM | FRM | FEM | |
| Collecting Agency | SCAQMD | SCAQMD | SCAQMD | |
| Analytical Lab (i.e.weigh lab, toxics lab, other) | N/A | SCAQMD | N/A | |
| Reporting Agency | SCAQMD | SCAQMD | SCAQMD | |
| Spatial scale (e.g. micro, neighborhood) | Micro | Micro | Micro | |
| Monitoring start date (MM/DD/YYYY) | 01/2015 | 1/2015 | 1/2015 | |
| Current sampling frequency (e.g.1:3, continuous) | 1:1 | 1:1 | 1:1 | |
| Calculated sampling frequency (e.g. 1:3/1:1) | N/A | 1:1 | 1:1 | |
| Sampling season (MM/DD-MM/DD) | 01/01-12/31 | 01/01-12/31 | 01/01-12/31 | |
| Probe height (meters) | 4.5 | 4.5 | 4.5 | |
| Distance from supporting structure (meters) | 2.0 | 2.0 | 2.0 | |
| Distance from obstructions on roof (meters) | N/A | N/A | N/A | |
| Distance from obstructions not on roof (meters) | N/A | N/A | N/A | |

| | | | | |
|---|---|---|---|---|
| Distance from trees (meters) | N/A | N/A | N/A | |
| Distance to furnace or incinerator flue (meters) | N/A | N/A | N/A | |
| Distance between collocated monitors (meters) | N/A | N/A | N/A | |
| Unrestricted airflow (degrees) | 360° | 360° | 360° | |
| Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon) | Teflon | NA | NA | |
| Residence time for reactive gases (seconds) | 6.8 | NA | NA | |
| Will there be changes within the next 18 months? (Y/N) | No | No | No | |
| Is it suitable for comparison against the annual PM2.5? (Y/N) | N/A | Yes | Yes | |
| Frequency of flow rate verification for manual PM samplers | N/A | Monthly | N/A | |
| Frequency of flow rate verification for automated PM analyzers | N/A | N/A | Monthly | |
| Frequency of one-point QC check for gaseous instruments | Nightly | N/A | N/A | |
| Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY) | Newly implemented | N/A | N/A | |
| Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY) | N/A | | | |

# Long Beach Route 710 Near Road
# Site Photos

**Looking North from the probe.**

**Looking East from the probe.**

**Looking South from the probe.**

**Looking West from the probe.**

# Long Beach Route 710 Near Road

## 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.** |